Acute and Stable Ischemic Heart Disease - Scientific Session #724
CCU Conundrums: What Would YOU Do?
Monday, March 18, 2019, 8:00 a.m. - 9:30 a.m.
Room 357
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Frederick G. Kushner
Co-Chair: Doron Zahger
Panelist: Carlos Alviar
Panelist: Hani Jneid
Panelist: Venu Menon

8:00 a.m.
Case of a Patient With Acute Myocardial Infarction Complicated by Cardiogenic Shock
Allison Selby
New York, NY

8:05 a.m.
Escalating Care in Shock Patients: When and How?
Erin Bohula
Boston, MA

8:15 a.m.
Panel Discussion on Escalating Care in Cardiogenic Shock

8:30 a.m.
Case of a Patient With a Mechanical Complication of Acute Infarction
Arpit Shah
New York, NY

8:35 a.m.
When to Intervene in Cases of Rupture? Early, Later or not at all?
Hari Mallidi
Boston, MA

8:45 a.m.
Panel Discussion on Patient Selection for Intervention With Mechanical Complications of Shock

9:00 a.m.
Case of a Patient With Cardiac Arrest
Carlos Gonzalez-Lengua
Fort Lee, NJ

9:15 a.m.
Panel Discussion on Neuroprognostication After Cardiac Arrest

9:15 a.m.
Audience ARS Question
Doron Zahger
Lehavim 8533800, Israel

9:20 a.m.
Audience ARS Question
Frederick Kushner
Marrero, LA

8:00 a.m.
What is Refractory Angina, and how can I Appropriately Manage It?
Thomas F. Luscher
Zurich, ZH, Switzerland

8:10 a.m.
Advances in Pharmacotherapy of Angina
Glenn A. Hirsch
Denver, CO

8:20 a.m.
Surgical Solutions for Refractory Angina
Michael E. Jessen
Dallas, TX

8:30 a.m.
Role of CTO Revascularization in Refractory Angina
Michael Luna
Dallas, TX

8:40 a.m.
Novel Methods to Treat Refractory Angina: Tried, Tested, and Experimental
Marc E. Jolicoeur
Montreal, Canada

8:50 a.m.
Patient-Centered Outcomes: Reducing Symptoms and Improving Quality of Life in Patients With Refractory Angina
Michael McGillion
Hamilton, Canada

9:00 a.m.
Panel Discussion: Refractory Angina -- Options for Patients With No Options

Acute and Stable Ischemic Heart Disease - Core Curriculum Session #811
Core Curriculum: Acute and Stable Ischemic HD: Myocardial Infarction in Women
Monday, March 18, 2019, 8:00 a.m. - 9:30 a.m.
Room 343
CME Hours: 1.5 /CNE Hours: 1.5

Chair: Laxmi S. Mehta

8:00 a.m.
Atherosclerotic MI in Young Woman: Why Poor Outcomes?
Alexandra J. Lansky
New Haven, CT

8:20 a.m.
The Enigma of MINOCA: MI or Not?
Harmony R. Reynolds
New York, NY

8:40 a.m.
SCAD: Optimal Management Strategies
Soo Hyun Kim
Brentwood, TN

9:00 a.m.
Panel Discussion Moderator
Laxmi S. Mehta
Powell, OH

9:00 a.m.
Panel Discussion with Question and Answer
### Acute and Stable Ischemic Heart Disease - Oral Contributions

**Session #906**<br>Highlighted Original Research: Acute and Stable Ischemic Heart Disease and the Year in Review<br>**Monday, March 18, 2019, 8:00 a.m. - 9:30 a.m.**<br>**Room 211**<br>CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Dharam Kumbhani<br>Co-Chair: Brahmajee K. Nallamothu

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<td>Valentin Fuster, New York, NY</td>
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<td>Dapagliflozin and Cardiovascular Outcomes in Patients With Type 2 Diabetes and Prior Myocardial Infarction: A Sub-Analysis From DECLARE TIMI-S8 Trial&lt;br&gt;Remo Holanda de Mendonca Furtado, Marc P. Bonaca, Ilmar Raz, Thomas Zelniker, Ofri Mosenzon, Avivit Cahn, Julia Kuder, Sabina Murphy, Deepak L. Bhatt, Lawrence Leiter, Darren McGuire, John P. H. Wilding, Christian Ruff, Ingrid A. M. Gause-Nilsson, Marc Sabatine, Stephen Wiviott, Brigham and Women’s Hospital, Boston, MA, USA</td>
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Angina Is Associated With Coronary Blood Flow - Results From the NHLBI-Sponsored Women’s Ischemia Syndrome Evaluation: Coronary Vascular Dysfunction (WISE-CVD) Project<br>Nissi Sharon Suppogu, Janet Wei, Chrisandra Shufelt, Galen Cook-Wiens, David R. Anderson, Bruce Samuels, John W. Peterson, Carl J. Pepine, C. Noel Bairey Merz, Cedars Sinai, Los Angeles, CA, USA

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<td>PET/CT Derived Ischemic Burden of 10% Predicts Optimal Treatment Strategy For Symptomatic CAD&lt;br&gt;Kent G. Meredith, Stacey Knight, Raymond McCubrey, Steve Mason, David Min, Santanu Biswas, Jeffrey Anderson, J. Muhlstein, Kirk Knowlton, Intermountain Medical Center, Salt Lake City, UT, USA</td>
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Reduction of Type 1 and Type 2 Myocardial Infarctions in Patients Treated With Alirocumab: Insights From the ODYSSEY Trial<br>Harvey D. White, Philippe Steg, Michael Szarek, Deepak L. Bhatt, Vera Bittner, Rafael Diaz, Jay Edelberg, Andrejs Erglis, Shaun Goodman, Corinne Hanotin, Robert Harrington, Johan Jukema, Renato Lopes, Kenneth Mahaffey, Angele Moryusef, Robert Pordy, Matthew Roe, Piyamitr Sritara, Pierluigi Tricoci, Andreas Zeiher, Gregory Schwartz, Green Lane Cardiovascular Services Auckland City Hospital, Auckland, New Zealand

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### Arrhythmias and Clinical EP - Scientific Session #723

**Anti-coagulation in AF With Heart Disease: How to Manage Common and Uncommon Challenges**<br>**Monday, March 18, 2019, 8:00 a.m. - 9:30 a.m.**<br>**Room 355**<br>CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Nazem Akoum<br>Co-Chair: Kousik Krishnan

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<td>Device Detected Atrial High Rate Episodes: When to Anti-Coagulate?&lt;br&gt;Taya V. Glotzer&lt;br&gt;Tenafly, NJ</td>
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<td>NOACs Post Cardioversion and Atrial Appendage Occlusion/Exclusion&lt;br&gt;Michael D. Ezekowitz&lt;br&gt;Villanova, PA</td>
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<td>Anger Management Improves Endothelial Dysfunction in Patients With a Recent Myocardial Infarction: A Randomized Clinical Trial&lt;br&gt;Alexandre Quadros, Karine Schmidt, Bruna Eibel, Carlos Gottschall, Márcia Moura Schmidt, Institute of Cardiology of Rio Grande do Sul/University Foundation of Cardiology, Porto Alegre, Brazil</td>
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<td>Association of Circulating Trimethylamine N-Oxide With Coronary Atherosclerotic Burden in Patients With ST-Segment Elevation Myocardial Infarction&lt;br&gt;Sheng Zhaoxue, Yan Hongbing, Fuwai Hospital, National Center for Cardiovascular Diseases, Peking Union Medical College &amp; Chinese, Beijing, People’s Republic of China</td>
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### Acute and Stable Ischemic Heart Disease - Oral Contributions

**Session #906**<br>Highlighted Original Research: Acute and Stable Ischemic Heart Disease and the Year in Review<br>**Monday, March 18, 2019, 8:00 a.m. - 9:30 a.m.**<br>**Room 211**<br>CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Dharam Kumbhani<br>Co-Chair: Brahmajee K. Nallamothu

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9:10 a.m.  Question and Answer

9:15 a.m.  Unanswered Questions on NOAC in AF - Where Do We Go From Here?
Elaine Hylek
Lexington, MA

Congenital Heart Disease - Oral Contributions

Session #907
Highlighted Original Research: Congenital Heart Disease and the Year in Review
Monday, March 18, 2019, 8:00 a.m. - 9:30 a.m.
Room 338
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Tal Geva
Co-Chair: David Dunbar Ivy

8:00 a.m.
Year in Review Speaker
Meryl S. Cohen
Philadelphia, PA

8:12 a.m.
Angiotensin Converting Enzyme Inhibitor Prescription in Single Ventricle Patients Enrolled in the National Pediatric Cardiology Quality Improvement Collaborative Registry
Jesse Hansen, David Brown, Samuel Hanke, Katherine Bates, James Tweddell, Garick Hill, Jeffrey Anderson, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH, USA

8:22 a.m.
Discussion

8:25 a.m.
Use of Transcatheter Pulmonary Valve Replacement Across the Age Span of Patients With Congenital Heart Disease: A Report From the NCDR IMPACT Registry
Ada C. Stefanescu Schmidt, Aimee Armstrong, Jamil Aboulhosn, Kevin Kennedy, Thomas Jones, Daniel Levi, Doff B. McElhinney, Arni Bhatt, Boston Children's Hospital, Boston, MA, USA, Massachusetts General Hospital, Boston, MA, USA

8:35 a.m.
Discussion

8:38 a.m.
Pediatric Cardiac Critical Care Outcomes Improve Following Implementation of a Commercial Data Aggregation and Visualization Software Platform
Michael Gaies, Mary K. Olive, Gabe Owens, John Charpie, Wenying Zhang, Sara Pasquali, Darren Klugman, John Costello, James Hammel, J. William Gaynor, Mousumi Banerjee, Steven Schwartz, University of Michigan, Ann Arbor, MI, USA

8:48 a.m.
Discussion

8:51 a.m.
Self-Reported Work Ability in Adults With Congenital Heart Disease
Bennett P. Samuel, Darcy N. Marckini, Jessica L. Parker, W. Kay, Stephen Cook, Spectrum Health Helen DeVos Children’s Hospital, Grand Rapids, MI, USA, Indiana University School of Medicine, Indianapolis, IN, USA

9:01 a.m.
Discussion

9:04 a.m.
Differential Gene Expression in Pediatric Heart Failure: Dilated Cardiomyopathy Versus Single Ventricle Heart Disease
Shelley Miyamoto, Joseph B. Wall, Carmen Sucharov, Anastacia M. Garcia, University of Colorado Denver, Aurora, CO, USA, Children’s Hospital Colorado, Aurora, CO, USA

9:14 a.m.
Discussion

9:17 a.m.
Creatinine Versus Cystatin C to Estimate Glomerular Filtration Rate in Adults With Congenital Heart Disease
Saurabh Rajpal, Matthew Carazo, Michael Singh, Konstantinos Dimopoulos, David Alejandro Cardona Estrada, Sushrut Waikar, Finnian McCausland, Ahmed Elantably, Gruschen Veldtman, Jasmine Grewal, Britanni Loukas, Catherine Gray, Alexander Opatowsky, Boston Children's Hospital, Boston, MA, USA, Ohio State University, Columbus, OH, USA

9:27 a.m.
Discussion
8:48 a.m.  
Anticoagulation in Pregnancy: Where Does the Evidence Lie?  
Candice K. Silversides  
Toronto, Canada

8:58 a.m.  
Question and Answer

9:00 a.m.  
Cases Challenges in Everyday Practice  
Lisa Levine  
Philadelphia, PA

9:05 a.m.  
Case Challenges in Everyday Practice  
Melinda Davis  
Ann Arbor, MI

9:10 a.m.  
Question and Answer

Heart Failure and Cardiomyopathies - Oral Contributions  
Session #908  
Highlighted Original Research: Heart Failure and Cardiomyopathies and the Year in Review  
Monday, March 18, 2019, 8:00 a.m. - 9:30 a.m.  
Room 257  
CME Hours: 1.5 /CNE Hours: 1.5

8:00 a.m.  
Year in Review Speaker  
Adrian F. Hernandez  
Durham, NC

8:12 a.m.  
Cardioprotective and Anti Inflammatory Effects of a Selective Inhibitor of the Sodium Glucose Cotransporter 2 (Empaglifozin) in Doxorubicin Induced Cardiotoxicity  
Nicola Maurea, Vincenzo Quagliariello, Carmela Coppola, Giovanna Piscopo, Rosario Vincenzo Iaffaioli, Gerardo Botti, Istituto Nazionale Tumori, IRCCS, Fondazione G. Pascale, Naples, Italy

8:22 a.m.  
Discussion

8:25 a.m.  
Discovery of Novel TITIN (TTN) Gene Truncating Mutations Among a Consecutive Cohort of Patients Presenting With Idiopathic Dilated Cardiomyopathy (IDC)  
Jeffrey L. Anderson, Victoria Jacobs, G. Bryce Christensen, Helaman Escobar, Benjamin Horne, Stacey Knight, Kia Afshar, Virginia B. Hebl, Kirk Knowlton, J. Muhlestein, John Carquest, Lincoln D. Nadauld, Intermountain Medical Center, Salt Lake City, UT, USA, University of Utah, Salt Lake City, UT, USA

8:35 a.m.  
Discussion

8:38 a.m.  
AG10 Consistently Stabilizes Transthyretin to a High Level in Both Wild Type and Mutant Amyloid Cardiomyopathy: Responder Analyses From a Phase 2 Clinical Trial  
Jonathan C. Fox, Stephen Heitner, Rodney Falk, Martha Grogan, Daniel Jacoby, Daniel Judge, Mathew Maurer, Van Selby, Sanjiv Shah, Ronald Witteles, Satish Rao, Uma Sinha, Eidos Therapeutics, Inc., San Francisco, CA, USA

8:48 a.m.  
Discussion

8:51 a.m.  
Obese-Inflammatory Phenotypes in Heart Failure With Preserved Ejection Fraction  
Michael S. Sabbah, Ahmed Fayyaz, Barry Borlaug, Surendra Carter, Rickey Carter, Margaret Redfield, Mayo Clinic, Rochester, MN, USA

9:01 a.m.  
Discussion

9:04 a.m.  
Unsupervised Machine Learning Identifies Treatment Response to Spironolactone in Patients With Heart Failure With Preserved Ejection Fraction: A TOPCAT Substudy  
Shane Nanayakkara, Anne Beale, Michael Inouye, David Kaye, Baker Heart and Diabetes Institute, Melbourne, Australia, The Alfred, Melbourne, Australia

9:14 a.m.  
Discussion

9:17 a.m.  
Empagliflozin Is Associated With a Lower Risk of Post-Acute Heart Failure Re-Hospitalization and Mortality: Insights From the EMPA-REG Outcome Trial  
Javed Butler, Gianluigi Savarese, Naveed Sattar, James Januzzi, Subodh Verma, Lars H. Lund, David Fitchett, Cordula Zeller, Jyothis T. George, Martina Brueckmann, Anne Pernille Ofstad, Silvio E. Inzucchi, Christoph Wanner, Bernard Zinman, University of Mississippi, Jackson, MS, USA, Boehringer Ingelheim, Ingelheim, Germany

9:27 a.m.  
Discussion

Interventional Cardiology - Scientific Session #728  
LAA Closure: Challenging Cases and New Evidence  
Monday, March 18, 2019, 8:00 a.m. - 9:30 a.m.  
Room 208  
CME Hours: 1.5 /CNE Hours: 1.5

8:00 a.m.  
CT Scan, TEE, or Angiography for LAA Closure Planning?  
Jacqueline W. L. Saw  
Vancouver, Canada

8:10 a.m.  
Panel Discussion With Audience Question and Answer

8:18 a.m.  
Chicken Wing LAA: Technical Approach to Straightforward and Extreme Anatomy  
Saibal Kar  
Los Angeles, CA

8:28 a.m.  
Panel Discussion With Audience Question and Answer
8:36 a.m.
Pericardial Effusion and Tamponade After LAA Closure
Jason H. Rogers
Sacramento, CA

8:46 a.m.
Panel Discussion With Audience Question and Answer

8:54 a.m.
Appropriate Patient Selection and Anticoagulation Regimen in LAA Closure
Ratika Parkash
Halifax, Canada

9:04 a.m.
Panel Discussion With Audience Question and Answer

9:12 a.m.
Watchman and Amulet Program Summary of Data and Ongoing Trials
Matthew J. Price
La Jolla, CA

9:22 a.m.
Panel Discussion With Audience Question and Answer

Interventional Cardiology - Scientific
Session #729
Physiology and Intravascular Imaging During Acute Coronary Syndromes
Monday, March 18, 2019, 8:00 a.m. - 9:30 a.m.
Room 206
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Elvin Kedhi
Co-Chair: Akiko Maehara
Panelist: Thach N. Nguyen
Panelist: Saturnino Perez Javier
Panelist: Lorenz Raber
Panelist: Mladen I. Vidovich

8:00 a.m.
Long-term Outcomes of Physiology-guided Treatment of Lesions in Acute Coronary Syndromes Compared With Stable Coronary Artery Disease
Elvin Kedhi
Zwolle, Netherlands

8:10 a.m.
The Natural History of Lipid-Rich Plaque From the Lipid-Rich Plaque Study and Other Intravascular Imaging Studies
Ron Waksman
Washington, DC

8:20 a.m.
Panel Discussion With Audience Question and Answer

8:28 a.m.
Case Presentation: A Patient With STEMI and Multivessel Disease Undergoes Intracoronary Imaging
Saturnino Perez Javier
1229 Makati City, Philippines

8:35 a.m.
FFR and iFR Stability and Predictability for Non-Culprit Lesions in STEMI
Troels Thim
Aarhus N, Denmark

8:45 a.m.
Case Presentation: A Patient With MINOCA (Myocardial Infarction With Non-Obstructive Coronary Arteries)
Nathaniel Rosso Smilowitz
Brooklyn, NY

8:52 a.m.
Panel Discussion With Audience Question and Answer

9:02 a.m.
What Does the Patient With Plaque Erosion, Plaque Rupture, or a Calcified Nodule Look Like?
Akiko Maehara
New York, NY

9:12 a.m.
Intravascular Near-Infrared Fluorescence and µOCT: Leveraging In Vivo Biology to Inform Plaque Progression and Stent Failure
Farouc A. Jaffer
Boston, MA

9:22 a.m.
Panel Discussion With Audience Question and Answer

Interventional Cardiology - Oral Contributions
Session #910
Coronary and Peripheral Challenging Cases
Monday, March 18, 2019, 8:00 a.m. - 9:30 a.m.
Room 203
CME Hours: /CNE Hours:

ACC Co-Chair: J. Abbott
ACC Co-Chair: Rajiv Gulati
ACC Panelist: Prashant Kaul
ACC Panelist: Hector Tamez Aguilar
ACC Panelist: Jennifer Tremmel

8:00 a.m.
Multiple Points of View to Improve Outcomes
Sandeep Dayanand, Jasmin Martinez Castellanos, Janani Rangaswami, Leandro Slipczuk Bustamante, Sanjog Kalra, Einstein Medical Center, Philadelphia, PA, USA

8:10 a.m.
Panel Discussion

8:15 a.m.
Successful Retrieval of Untangled and Elongated Gaia Wire by Rotablator During Chronic Total Occlusion Intervention
Soon Jun Hong, Han Saem Jeong, Korea University Anam Hospital, Seoul, South Korea

8:25 a.m.
Panel Discussion

8:30 a.m.
An Alternative Approach to Hemodynamically Assisted Percutaneous Intervention
Amy Cheney, James McCabe, Kathleen Kearney, University of Washington, Division of Cardiology, Seattle, WA, USA

8:40 a.m.
Panel Discussion

8:45 a.m.
Retrieval of an Entrapped Impella Device Using a Snare
Marinos Charalambous, Zlata Platsman, Avneet Singh, North Shore University Hospital - Northwell Health, Manhasset, NY, USA
Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) -
Scientific Session #727
New and Emerging Applications of Nuclear Imaging for the
Practicing Cardiologist - What Is the Right Test and the Right
Patient? Joint Symposium of the American Society of Nuclear
Cardiology and the American College of Cardiology
Monday, March 18, 2019, 8:00 a.m. - 9:30 a.m.
Room 244
CME Hours: 1.5 /CNE Hours: 1.5
Co-Chair: Rob S.B. Beanlands
Co-Chair: Mary Norine Walsh
Panelist: Brian G. Abbott
Panelist: Rob S.B. Beanlands
Panelist: Sharmila Dorbala
Panelist: Prem Soman
8:00 a.m.
15 - When I Suspect Cardiac Amyloid
Prem Soman
Pittsburgh, PA
8:15 a.m.
15 - When I Suspect Cardiac Sarcoid
Sharmila Dorbala
Boston, MA
8:30 a.m.
15 - When Should I Use Flow Measurements?
Rob S.B. Beanlands
Ottawa, Canada
8:45 a.m.
15 - Low Dose MPI: Choosing the Right Approach for the Right Patient
Brian G. Abbott
East Greenwich, RI
9:00 a.m.
30 - Panel Discussion
Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) -
Highlighted Original Research: Non Invasive Imaging and the Year in
Review
Monday, March 18, 2019, 8:00 a.m. - 9:30 a.m.
Room 254
CME Hours: 1.5 /CNE Hours: 1.5
Co-Chair: James K. Min
Co-Chair: William A. Zoghbi
8:00 a.m.
Year in Review Speaker
Y. S. Chandrashekhar
Minneapolis, MN
8:12 a.m.
Patients With Acute Chest Pain in the Emergency Room: Early and Late
Outcomes After Negative Coronary Computed Tomography Angiography-
Derived Fractional Flow Reserve
Jason Schott, Adam Hafeez, Kavitha Chinnaiyan, Gilbert Raff, Michael
Gallagher, A. Neil Bilolikar, Robert Safian, William Beaumont Hospital, Royal
Oak, MI, USA
8:22 a.m.
Discussion
8:25 a.m.
Relationship of Coronary Atherosclerosis, Coronary Lumen, and Coronary
Ischemia: Results From the Prospective, Multicenter, International
CREDENCE Trial
Inge J. van den Hoogen, Alexander van Rosendaal, Jung Hyun Choi, So-Yeon
Choi, Joon-Hyung Doh, Ae-Young Her, Bon-Kwon Koo, Chang-Wook Nam,
Jason Cole, Alessia Gimelli, Muhammad Khan, Faisal Nabi, Ryo Nakazato, U.
Joseph Schoepf, Randall Thompson, Hyuk-Jae Chang, Philippe Genereux, Paul
Knaapen, Gianluca Pontone, Wijnand Stuijfzand, Fay Lin, Leslee J. Shaw,
James Min, for the CREDENCE Investigators, Department of Radiology, New
York-Presbyterian Hospital and Weill Cornell Medicine, New York, NY, USA
8:35 a.m.
Discussion
8:38 a.m.
Stress CMR in Abnormal LVEF: Clinical Impact and Cost Effectiveness
Yin Ge, Kevin Steel, Shuaib Abdullah, Scott Bingham, J. Ronald Mikolich, John
Heitner, Andrew Arai, W. Patricia Bandettini, Amit Patel, Afshin Farzaneh-Far,
Subha Raman, Chetan Shenoy, Jorge Gonzalez, Steve Leung, Dipan Shah,
Victor Ferrari, Jeanette Schulz-Menger, Rory Hachamovitch, Matthias Stuber,
Orlando Simonetti, Raymond Kwong, Brigham and Women’s Hospital,
Boston, MA, USA, Society for Cardiovascular Magnetic Resonance, Mt. Royal,
NJ, USA
8:48 a.m.
Discussion
8:51 a.m.
Predicting Major Adverse Cardiac Events With Cox Neural Networks: Results
From the Refine Spect Registry
Piotr Slomka, Julian Betancur, Yuko Otaki, Frederic Commandeur, Tali Sharir,
Andrew Einstein, Matthews Fish, Terrence Ruddy, Philipp A. Kaufmann,
Albert Sinusas, Edward Miller, Timothy Bateman, Sharmila Dorbala, Marcelo
Di Carli, Marcio Diniz, Guido Germano, Damini Dey, Lee Cooper, Daniel
Berman, Cedars-Sinai Medical Center, Los Angeles, CA, USA
9:01 a.m.
Discussion
9:04 a.m.
Association of Low Myocardial Blood Flow Reserve on Long-Term Survival
Does Not Vary by Patient Sex, Regardless of Pre-Test Clinical Risk or Post-Test
Revascularization
Krishna Patel, Leslee J. Shaw, Brett Sperry, John A. Spertus, Arthur McGhie,
Kevin Kennedy, Randall Thompson, Firas Al Badarin, Paul Chan, Timothy
Bateman, University of Missouri-Kansas City, Saint Luke's Mid America Heart
Institute, Kansas City, MO, USA

9:14 a.m.
Discussion

9:17 a.m.
Prognostic Role of Left Atrial Dysfunction and Estimation of Left Ventricular
Filling Pressure on Heart Failure and Cardiovascular Death in Non Valvular
Atrial Fibrillation: The ENGAGE-AF TIMI Echocardiographic Sub-Study
Riccardo M. Inciardi, Robert Giugliano, Brian Claggett, Christian Ruff, Deepak
Gupta, Elliott Antman, Michele Mercuri, Michael Grosso, Howard Rutman,
Eugene Braunwald, Scott Solomon, Brigham & Women’s Hospital and
Harvard Medical School, Boston, MA, USA

9:27 a.m.
Discussion

Prevention - Scientific
Session #730
Pearls In Lifestyle Related Prevention Every Cardiologist Practitioner
Needs to Know
Monday, March 18, 2019, 8:00 a.m. - 9:30 a.m.
Room 228
CME Hours: 1.5 /CNE Hours: 1.5
Co-Chair: Kim K. Birtcher
Co-Chair: Richard A. Josephson
Panelist: Karen E. Aspry
Panelist: Penny M. Kris-Etherton
Panelist: Nancy Rigotti
Panelist: Eric Stecker
Panelist: Pam Taub
Panelist: Robert A. Vogel

8:00 a.m.
The Mind-Body-Heart Connection: What’s the evidence?
Pam Taub
La Jolla, CA

8:10 a.m.
Trending Nutritional Controversies: The Latest on Dairy, OM3, Legumes, and
Fermented Foods
Penny Kris-Etherton
University Park, PA

8:20 a.m.
What to do About Your Patient Who Smokes: The Latest in Drugs, Devices,
and Alternatives
Eric Stecker
Portland, OR

8:30 a.m.
E-cigs and Vapes: What to Say When Patients Ask?
Nancy Rigotti
Boston, MA

8:40 a.m.
mHealth Strategies for Cardiac and Vascular Rehab
Karen E. Aspry
East Greenwich, RI

8:50 a.m.
How Much and What Type of Exercise: Latest Evidence for CVD Benefit
Robert A. Vogel
Denver, CO

9:00 a.m.
Panel Discussion With Audience Question and Answer

Prevention - Oral Contributions
Session #911
Highlighted Original Research: Prevention and the Year in Review
Monday, March 18, 2019, 8:00 a.m. - 9:30 a.m.
Room 225
CME Hours: 1.5 /CNE Hours: 1.5
Co-Chair: Erin D. Michos
Co-Chair: Donna M. Polk

8:00 a.m.
Year in Review Speaker
James A. de Lemos
Dallas, TX

8:12 a.m.
Impact of Microvascular Disease on Cardiorenal Outcomes in Type 2
Diabetes: An Analysis From the LEADER and SUSTAIN-6 Clinical Trials
Subodh Verma, Stephen C. Bain, Julie Broe Honore, Johannes F. E. Mann,
Michael A. Nauck, Richard E. Pratley, Soren Rasmussen, Maria Sejersten Ripa,
Bernard Zinman, John Buse, Novo Nordisk A/S, Seborg, Denmark

8:22 a.m.
Discussion

8:25 a.m.
Cardiac Rehabilitation Use Among Eligible Medicare Fee-for-Service
Beneficiaries, 2016-2017
Matthew Ritchey, Sha Maresh, Steven Keteyian, Clinton Brawner, Alexis
Beatty, Mary Whooley, Jessica McNeely, Thomas Shaffer, Sandra Jackson,
Tiffany Chang, Haley Stolp, Janet Wright, Centers for Disease Control and
Prevention, Atlanta, GA, USA, Centers for Medicare and Medicaid Services,
Baltimore, MD, USA

8:35 a.m.
Discussion

8:38 a.m.
The Impact of Non-Adherence to Antihypertensive Drug Therapy
William Attkan, William Adams, Lara Bakhos, Loyola University Chicago,
Maywood, IL, USA

8:48 a.m.
Discussion

8:51 a.m.
Polygenic Hyperlipidemias and Coronary Artery Disease Risk
Pietari Ripatti, Sanni Soderlund, Joel T. Ramo, Ida Surakka, Aki S. Havulinna,
Elisabeth Widen, Priit Palta, Nelson B. Freimer, Veikko Salomaa, Matti
Pirinen, Aarno Palotie, Marja-Riitta Taskinen, Samuli Ripatti, Institute for
Molecular Medicine Finland, HiLIFE, University of Helsinki, Helsinki, Finland

9:01 a.m.
Discussion
9:04 a.m.
Impact on Cardiovascular Outcomes Among E-Cigarette Users: A Review
From National Health Interview Surveys
Mohinder R. Vindhyal, Paul Ndunda, Cyrus Munguti, Shravani Vindhyal, Hayrettin Okut, University of Kansas School Of Medicine Wichita, Wichita, KS, USA

9:14 a.m.
Discussion

9:17 a.m.
C-Reactive Protein Levels Modulate Lipoprotein(a)-Associated Cardiovascular Risk in Optimally-Treated Patients With High-Risk Vascular Disease
Rishi Puri, Steven Nissen, Benoit Arsenault, Julie St. John, Jeffrey Riesmeyer, Giacomo Ruotolo, Leslie Cho, Venu Menon, A. Lincoff, Stephen Nicholls, Cleveland Clinic, Cleveland, OH, USA

9:27 a.m.
Discussion

Pulmonary Hypertension and Venous Thrombo-embolic Disease - Scientific Session #731
A Glimpse Into the Future of Pulmonary Vascular Disease Management
Monday, March 18, 2019, 8:00 a.m. - 9:30 a.m.
Room 352
CME Hours: 1.5 / CNE Hours: 1.5

Co-Chair: Micheala Aldred
Co-Chair: Soni Savai Pullamsetti

8:00 a.m.
Progress in Pulmonary Arterial Hypertension Biomarker Discovery: Insights From PVDOMICS
Erika Berman Rosenzweig
New York, NY

8:10 a.m.
Audience Question and Answer

8:15 a.m.
New Discoveries on the Metabolic Basis of PAH: Insights From PVDOMICS
Jane A. Leopold
Boston, MA

8:25 a.m.
Audience Question and Answer

8:30 a.m.
Does Genotype Predict Clinical Risk in Pulmonary Vascular Disease
Wendy Chung
New York, NY

8:40 a.m.
Audience Question and Answer

8:45 a.m.
New Drug Targets in PAH: Focusing on Ventricular and Vascular Compliance
Francois Haddad
Palo Alto, CA

8:55 a.m.
Audience Question and Answer

9:00 a.m.
TED TALK: Developing Therapeutics in Pulmonary Vascular Disease: Triumphs and Barriers
Marc Humbert
Orsay, France

9:15 a.m.
Panel Discussion With Question and Answer

Special - Late-Breaking Clinical Trials Session IV
Late-Breaking Clinical Trials IV
Monday, March 18, 2019, 8:00 a.m. - 9:15 a.m.
ACC.19 Main Tent (Great Hall)
CME Hours: 1.25 / CME Hours: 1.25

Chair: Pamela Bowe Morris
Co-Chair: Roger S. Blumenthal
Panelist: Vera Bittner
Panelist: Lynne T. Braun

8:00 a.m.
Efficacy and Safety of Bempedoic Acid Added to Maximally Tolerated Statins in Patients with Hypercholesterolemia and High Cardiovascular Risk: The CLEAR Wisdom Trial
Anne C. Goldberg, Lawrence A. Leiter, Erik S. g. Stroes, Seth J. Baum, Jeffrey C. Hanselman, LeAnne T. Bloedon, Xin Zhao, Bart Duell, Esperion Therapeutics, Inc., Ann Arbor, MI, USA

8:10 a.m.
Panel Discussion

8:15 a.m.
Comparison of Three Combination Therapies in Lowering Blood Pressure in Black Africans (CREOLE Study)
Dike Ojji, Motasim Badri, Victoria Cornelius, Veronica Francis, Neil Poulter, Creole Study Investigators, University of Abuja, Abuja, Nigeria, University of Cape Town, Cape Town, South Africa

8:25 a.m.
Panel Discussion

8:30 a.m.
Primary Results of the Intensive versus Standard Ambulatory Blood Pressure Lowering to Lessen Functional Decline in the Elderly Trial (INFINITY)
William B. White, Dorothy B. Wakefield, Nicola Moscufo, Charles R. G. Guttmann, Richard Kaplan, Richard Bohannon, Douglas Fellows, Charles Hall, Leslie Wolfson, University of Connecticut School of Medicine, Farmington, CT, USA

8:40 a.m.
Panel Discussion

8:45 a.m.
Effect of Dapagliflozin on Heart Failure and Mortality in Type 2 Diabetes Mellitus Based on Ejection Fraction

8:55 a.m.
Panel Discussion
9:00 a.m.
Reduction in Total Ischemic Events with Icosapent Ethyl in REDUCE-IT
Deepak L. Bhatt, Philippe Steg, Michael Miller, Eliot Brinton, Terry Jacobson,
Steven Ketchum, Ralph Doyle, Rebecca Juliano, Lixia Jiao, Craig Granowitz,
Jean Claude Tardif, John Gregson, Stuart Pocock, Christie Ballantyne, for the
REDUCE-IT Investigators, Brigham and Women's Hospital, Boston, MA, USA,
Harvard Medical School, Boston, MA, USA

9:10 a.m.
Panel Discussion

Special - Scientific
Session #511
Cardiac Care for the Diabetic Patient - Fast-Paced Practical Advice
based on Current Guidelines: International Perspectives From the
European Society of Cardiology II and American College of
Cardiology
Monday, March 18, 2019, 8:00 a.m. - 9:30 a.m.
Room La Nouvelle C
CME Hours: 1.5 / CNE Hours: 1.5

Co-Chair: Barbara Casadei
Co-Chair: Richard A. Chazal

8:00 a.m.
Why, Exactly, is the Diabetic Heart Different?
Christie M. Ballantyne
Houston, TX

8:10 a.m.
Audience Discussion with Question and Answer

8:15 a.m.
Primary Prevention in the Diabetic - The Ten Most Important Do’s and
Don’ts
Jane Margaret Armitage
Oxford, United Kingdom

8:25 a.m.
Audience Discussion with Question and Answer

8:30 a.m.
I’ve got Rhythm: Diabetes, AF and Sudden Death
Barbara Casadei
Oxford, United Kingdom

8:40 a.m.
Audience Discussion with Question and Answer

8:45 a.m.
Hypertension and Diabetes - Practical Tutorial
Keith C. Ferdinand
New Orleans, LA

8:55 a.m.
Audience Discussion with Question and Answer

9:00 a.m.
Drug Choices in Diabetes and Heart Failure - Advice for the Practicing
Cardiologist
Mikhail Kosiborod
Leawood, KS

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

9:15 a.m.
Coronary Revascularization in Diabetes - a Checklist Approach
Stephan Windecker
Bern, Switzerland

9:25 a.m.
Audience Discussion with Question and Answer

Special - Special
Session #732
Acing the Transition: What FITs Need to Know to Launch a Healthy,
Successful Career
Monday, March 18, 2019, 8:00 a.m. - 9:30 a.m.
Room 238
CME Hours: 0 / CNE Hours: 0

Co-Chair: Tanush Gupta
Co-Chair: Emily Lau

8:00 a.m.
A Pragmatic Approach to Selecting the Right Professional Practice After
Fellowship
Anthony A. Hilliard
Redlands, CA

8:15 a.m.
Question and Answer

8:20 a.m.
Negotiation
Cathleen Biga
Woodridge, IL

8:35 a.m.
Question and Answer

8:40 a.m.
Did I Ace It? The Lessons Learned as I Made This Transition
Varsha Tanguturi
Brookline, MA

8:55 a.m.
Question and Answer

9:00 a.m.
What Makes a New Hire Valuable
Peter J. Tremblay
Boston, MA

9:15 a.m.
Creating the Optimal Work-Life Balance
Robert A. Harrington
Stanford, CA

9:25 a.m.
Question and Answer
Valvular Heart Disease - Oral Contributions
Session #912
Highlighted Original Research: Valvular Heart Disease and the Year in Review
Monday, March 18, 2019, 8:00 a.m. - 9:30 a.m.
Room 220
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Heba S. Wassif
Co-Chair: Alan Zajarias

8:00 a.m.
Year in Review Speaker
Catherine M. Otto
Seattle, WA

8:12 a.m.
Outcomes in Chronic Hemodynamically Significant Aortic Regurgitation and Limitations of Current Guidelines
Li‐Tan Yang, Hector Michelen, Christopher Scott, Maurice Enriquez‐Sarano, Sorin Pislaru, Hartzell Schaff, Patricia Pellikka, Mayo Clinic, Rochester, MN, USA

8:25 a.m.
Outcomes of Non-Surgical Patients With Severe Tricuspid Regurgitation and Congestive Heart Failure
Amer N. Kadri, Vivek Menon, Yasser Sammour, Rama Dillip Gajulapalli, Chandramohan Meenakshisundaram, Leen Nusairat, Divyanshu Mohananey, Adrian Hernandez, Jose Navia, Amar Krishnaswamy, Brian Griffin, L. Leonardo Rodriguez, Serge Harb, Samir Kapadia, Cleveland Clinic, Cleveland, OH, USA

8:35 a.m.
Provider-Level Variability in the Treatment of Patients With Severe Symptomatic Aortic Valve Stenosis
J. Matthew Brennan, Alex Bryant, Isabel Boero, Tracy Wang, Sreekanth Vemulapalli, Vinod Thourani, Martin Leon, Eric Peterson, Duke University School of Medicine, Durham, NC, USA

8:48 a.m.
Whole Exome Sequencing Identifies Known and Unknown Genes Associated With Mitral Valve Prolapse
Aniek Van Wijngaarden, Yasmine L. Hiemstra, Tamara T. Koopmann, Claudia A. L. Ruivenkamp, Emmelien Aten, Jeroen J. Bax, Victoria Delgado, Daniela Q. C. M. Barge‐Schaapveld, Nina Ajmone Marsan, Leiden University Medical Center, Leiden, The Netherlands

9:14 a.m.
Discussion

9:17 a.m.
Predictive Value of Right Ventricular Mechanics on Postoperative Right Ventricular Function in Patients Undergoing Mitral Valve Surgery
Marton Tokodi, Balint K. Lakatos, Erika Kispal, Kristof Racz, Adam Soltesz, Istvan Hartyanyszki, Endre Nemeth, Attila Kovacs, Bela Merkely, Heart and Vascular Center, Semmelweis University, Budapest, Hungary

9:27 a.m.
Discussion

Valvular Heart Disease - Hands‐on Skills Learning
Session #1503
Personalized Skills Center: Heart Songs Meets Hand‐Held Echo
Monday, March 18, 2019, 8:30 a.m. - 4:00 p.m.
Personalized Skills Center: Lounge & Learn, Hall B
CME Hours: 4 /CNE Hours: 4

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

10:00 a.m.
Heart Songs Moderator
Lohit Garg
Allentown, PA

12:00 p.m.
Heart Songs Moderator
Matthew M. Schumaecker
Roanoke, VA

2:00 p.m.
Heart Songs Moderator
Syed Rafay Ali Sabzwari
Allentown, PA

Special - Hands‐on Skills Learning
Session #1508
Personalized Skills Center: Immersive Simulation Experiences From Technical Skills to Shared Decision-Making
Monday, March 18, 2019, 9:00 a.m. - 11:30 a.m.
Personalized Skills Center: Lounge & Learn, Hall B
CME Hours: /CNE Hours:

Faculty: Prashant D. Bhave
Faculty: Margaret T. Bowers
Faculty: James C. Coons
Faculty: Julie Friedman
Faculty: Sohah Iqbal
Faculty: Jason Linefsky
Faculty: Matthew W. Martinez
Faculty: Jerold L. Saef
Faculty: Daniel R. Schimmel
Faculty: Keri M. Shafer
Faculty: Michael T. Spooner
Faculty: Ada C. Stefanescu Schmidt
Faculty: Michele Toussaint
Faculty: Lyle Larson
Acute and Stable Ischemic Heart Disease - Poster Contributions
Session #1329
Acute and Stable Ischemic Heart Disease: Therapy 5
Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall F
CME Hours: /CNE Hours:

359 - Cardiovascular Benefit of Glucagon-Like Peptide-1 Receptor Agonists in Female Patients With Type 2 Diabetes Mellitus: A Meta-Analysis of Recent Cardiovascular Outcome Trials
David Aguilar, Efstratios Koutroumpakis, Heinrich Taegtmeyer, University of Texas Health Science Center Houston, Houston, TX, USA

360 - Comparison of Outcomes With Drug Eluting Versus Bare Metal Stent in Very Elderly Population
Abhishek Mishra, Sushrut Edia, Byomesh Tripathi, Shilpkumar Arora, Abdel Rahman Omer, Varun Kumar, Kanika Parashar, Edo Kaluski, Guthrie/Robert Packer Hospital, Sayre, PA, USA

361 - Intensity of Lipid Lowering Therapy Among Patients With Polyvascular Disease: Insights From the GOULD Registry
Ben Petersson, Deepak L. Bhatt, Mikhail Kosiborod, Christie Ballantyne, James de Lemos, Robert Rosenson, Kiran Philip, Katherine Mues, Shushama Alam, Yu Yin Liu, Christopher Cannon, Brigham and Women’s Hospital, Boston, MA, USA

362 - Trends and Factors Associated With Use of Multiple Arterial Grfts For Multivessel Coronary Artery Bypass Graft Surgery: A State-Wide Analysis of 68,357 Procedures
Gennaro Giustino, Doaa Alsaleh, Mario Gaudino, Natalia Egorova, Faisal Bakaen, A. Gillinov, Alan Moskowitz, Pierre Voisine, John Puskas, John Alexander, Peter Smith, Annette Gelijns, Stephen Femes, Icahn School of Medicine at Mount Sinai, New York, NY, USA

363 - Application of Ticagrelor or Clopidogrel Based Dual Antiplatelet Therapy Following a Pharmacoinvasive Strategy in ST-Segment Elevation Myocardial Infarction: Insights From the Vital Heart Response Registry
Robert C. Welsh, Jay Shavadia, Yinggan Zheng, Benjamin Tyrrell, Raymond Leung, Neil Brass, Kevin Bainey, Mazankowski Alberta Heart Institute, Edmonton, Canada

365 - Short Versus Twelve Months of Dual Antiplatelet Therapy After Drug-Eluting Stents Implantation: Systematic Review and Meta-Analysis of Randomized Controlled Trials
Mohamed Ayan, Mohsin Salih, Aisha Siraj, Rimsha Hasan, Sabeeda Kadavath, Fuad Habash, Alman Smer, UAMS, Little Rock, AR, USA, Creighton University, Omaha, NE, USA

366 - Predictive Ability of the PARIS Risk Score in All-Comers Patients Undergoing PCI With Drug Eluting Stents: External Validation in the Global Leaders Study
Ply Chichareon, Usman Baber, Rodrigo Modolo, Chun-Chin Chang, Norhiro Kogame, Kuniki Takahashi, Mariusz Tomania, Yuki Katagiri, Salvatore Curello, Gavin Galasko, Gregor Leibundgut, Victor Umans, Guy Friedrich, Tim Seidler, Ernest Spitzer, Yoshinobu Onuma, Philippe Steg, Christian Hamm, Peter Jüni, Pascal van Vrankx, Marco Valgimigli, Stephan Windecker, David van Klaveren, Roxana Mehran, Patrick Serruys, Academic Medical Center, Amsterdam, the Netherlands

367 - Clinical Outcomes of the COMBO Dual Therapy Coronary Stent Versus Standard Drug Eluting Stents: Meta-Analysis
Paul Ndumbe, Mohinder Vindhyal, Tabitha M. Muutu, Cyrus Munguti, Zaher Fanari, University of Kansas School of Medicine - Wichita, Wichita, KS, USA

368 - Prophylactic Dialysis in Patients With Renal Dysfunction Undergoing Coronary Artery Bypass Surgery: Systematic Review and Meta-Analysis
Miluska O. Mejia Trebejo, Hanna Miesczczanska, Rochester Regional Health, Unity Hospital, Rochester, NY, USA, University of Rochester Medical Center, Rochester, NY, USA

Acute and Stable Ischemic Heart Disease - Poster Contributions
Session #1330
Acute and Stable Ischemic Heart Disease: Clinical 5
Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall F
CME Hours: /CNE Hours:

369 - Significant Association Between Transboundary Air Pollution and Acute Myocardial Infarction
Kang Hao Cheong, Andrew Fu Wah Ho, Huili Zheng, Arul Earnest, Pin Pin Pek, Jeon Young Seok, Steffi Kang Ting Chan, Nan Liu, Jack Wei Chieh Tan, Ting Hway Wong, Jin Ming Koh, Derek Hausenloy, Marcus Eng Hock Ong, Singapore General Hospital, Singapore, Singapore, Duke-NUS Medical School, Singapore, Singapore

370 - Comparison of Revascularization and In-Hospital Mortality in Patients With True Posterior Wall Myocardial Infarction Versus Overall ST-Elevation Myocardial Infarction
Hassaan Arnhad, Sara Ayaz Butt, Mirela Feurdean, Rutgers New Jersey Medical School, Newark, NJ, USA

371 - Prognostic Implication of Global Myocardial Blood Flow and Flow Reserve in Patients With ST-Segment Elevation Myocardial Infarction
Rikuta Hamaya, Yoshishia Kanaji, Akinori Sugano, Masahiro Hada, Yoshinori Kanno, Eisuke Usui, Masahiro Hoshino, Masao Yamaguchi, Yohei Sumino, Tsunekazu Kakuta, Tsuchiura Kyodo General Hospital, Tsuchiura, Japan

372 - Incidence of Cardiovascular Events Among Real-World Patients With Chronic Coronary Artery Disease or Peripheral Artery Disease Receiving Aspirin
Ariel Berger, Nicholas Leeper, Qi Zhao, Alex Simpson, Windsor Ting, Brian Murphy, Jeffrey Berger, Johnson & Johnson, Titusville, NJ, USA, Evidera, Waltham, MA, USA

373 - Prevalence of Post-Traumatic Stress Disorder and Other Psychological Sequelae in Patients Who Have Experienced Spontaneous Coronary Artery Dissection
Alexis Johnson, Marysia Tweet, Patricia Best, Raijiv Gulati, Sharone Hayes, Mayo Clinic Department of Cardiovascular Medicine, Rochester, MN, USA

374 - A Myth in Better Patient Care: Study of Trending Troponin
Muhammad Usman Ali, Muhammad Sattar, Jonathan Finkel, Christopher Struby, Mirnouve Domond, Jugeet Kanwal, Neha Puri, Crozer-Chester Medical Center, Upland, PA, USA

375 - Upper Gastrointestinal Bleeding Is Associated With Significant Mortality in Patients Undergoing Percutaneous Coronary Intervention For Stable Ischemic Heart Disease
Fawad Virk, Muhammad Choudhry, Hussain Ibrahim, Wissam Khalife, Ummamahesh Ragasetty, Syed Gilani, University of Texas Medical Branch, Galveston, TX, USA
376 - Core Laboratory Assessment of Non-Fatal Q-Wave Myocardial Infarction in the Global Leaders Trial: Methods and Findings
Ernest Spitzer Cano, Piy Chichareon, Eugene McFadden, Rodrigo Modolo, Kuniai Takahashi, Chun Chin Chang, Norihiko Kogame, Yuki Katagiri, Stephen Hoole, Tommaso Gori, Azfar Zaman, Bernhard Frey, Rui Cruz Ferreira, Olivier F. Bertrand, Sing-Chien Yap, Philippe Steg, Christian Hamm, Peter Jüni, Pascal Vranckx, Marco Valgimigli, Stephan Windecker, Patrick Serruys, Yoshinobu Onuma, Osama Soliman, GLOBAL LEADERS Investigators, Erasmus University Medical Center, Rotterdam, The Netherlands, Cardiology BV, Rotterdam, The Netherlands

377 - Cardiac Rupture and Myocardial Band: “The Weak Points of the Heart”
Francisco Javier Roldan, Jesus Vargas-Barron, Omar Y. Antunez Montes, Alberto F. Aranda, Jorge Cossio-Aranda, Instituto Nacional de Cardiología, Ciudad de Mexico, Mexico

378 - Cardiovascular Biomarkers and Heart Failure Risk in Patients With Stable Atherothrombotic Disease: A Nested Biomarker Study From TRA 2P-TIMI 50
David Berg, Benjamin Freedman, Marc P. Bonaca, Petr Jarolím, Benjamin M. Scirica, Eric Goodrich, Marc Sabatine, David Morrow, TIMI Study Group, Brigham and Women's Hospital, Boston, MA, USA

379 - Machine Learning Versus Traditional Risk Stratification Methods in Acute Coronary Syndrome: A Pooled Randomized Clinical Trial Analysis
Tarek Nafee, William Gibson, Ryan Travis, Megan Yee, Mathieu Kerneis, Magnus Ohman, C. Michael Gibson, Beth Israel Deaconess Medical Center, Boston, MA, USA

380 - Role of Circulating miR-497 in Acute Myocardial Infarction Patients and Hypoxia/Reoxygenation H9c2 Cells
Md Saved Ali Sheikh, A. Alduraywish, U. Salma, Wu Zhichao, Ke Xia, T. L. Yang, J. Peng, College of Medicine, Jouf University, Sakaka, Saudi Arabia, Central South University, Changsha, People's Republic of China

381 - Trends in Racial Differences in 30-Day Readmission Rate For Acute Myocardial Infarction: An Analysis From the NCDR Chest Pain-mi Registry
Avraham Shotan, Michael Kleiner Shochat, Heart Institute, Hillel Yaffe Medical Center, Hadera, Israel

382 - An Explainable Machine Learning-Based Risk Prediction Model For In-Hospital Mortality For Chinese STEMI Patients: Findings From China Myocardial Infarction Registry
Jingang Yang, Yingxue Li, Xiang Li, Tiange Chen, Guotong Xie, Yuejin Yang, Wu, Haitang Wang, Shaoqian Xu, Qinglei Li, Shuqiang Zhang, Guangzhou, People’s Republic of China

383 - Impact of Mean Platelet Volume on ST Resolution Following Thrombolysis in Acute ST Elevation Myocardial Infarction: A Systematic Review and Meta-Analysis
Wasawat Vuthikraiwit, Pavida Pachariyanon, Pattara Rattanawong, Saranaporn Klomjit, Pakpoom Tantrachot, Mohammad Ansari, Scott Shurumo, Pablo Paz, Sofia Prieto, Mohamed Elmasry, Texas Tech University Health Sciences Center, Lubbock, TX, USA

384 - The Diagnostic Value of C-Reactive Protein to Troponin Ratio For the Differentiation of Perimyocarditis From Acute Myocardial Infarction
Simcha R. Meisel, Jamil Muhassen, Naama Amsalem, Rami Abu Fanne, Carmel Levin, Aaron Frimerman, Aya Asif, Yaniv Levi, David Blondheim, Avraham Shoton, Michael Kleiner Shochat, Heart Institute, Hillel Yaffe Medical Center, Hadera, Israel

385 - The Prognostic Significance of Different Bleeding Classifications in Off-Pump Coronary Artery Bypass Grafting
Wei Liu, Yujie Zhou, Beijing Anzhen Hospital, Beijing, People's Republic of China

386 - Mechanical Complications in Patients With Acute Myocardial Infarction: Insights From the Health Facts Database
Bhaskar Bhardwaj, Bin Ge, Robin L. Kruse, Arun Kumar, Martin Alpert, Mary Dohrmann, Kul Aggarwal, University of Missouri-Columbia, Columbia, MO, USA

387 - Prognostic Relevance of Plasma D-Dimer and Fibrinogen Levels on Adverse Cardiovascular Events After Percutaneous Coronary Intervention in Patients With Coronary Artery Disease
Min Gyu Kang, Kyehwan Kim, Jae Seok Bae, Jeong Yoon Jang, Hyun Woong Park, Jin-Sin Koh, Jeong Rang Park, Yongwhi Park, Seok Jae Hwang, Kwak Choon Hwan, Jin Young Hwang, Young-Hoon Jeong, Gyeongsang National University Hospital, Jinju, South Korea

388 - US Validation and Modification of the High-STEACS Pathway Using Serial hs-cTnI to Identify Emergency Department Patients at Low Risk For Adverse Events
Yader Sandoval, Stephen Smith, Anne Dexter, Karen Schulz, Fred Apple, Hennepin County Medical Center, Minneapolis, MN, USA

389 - Causes of Elevated High Sensitivity Troponin T in Consecutive Emergency Department Patients
Korosh Sharain, Vlad Vasile, Brad S. Karon, Allan Jaffe, Mayo Clinic, Rochester, MN, USA


391 - Risk Stratification Post-ACS Using a Variable Number of Patient Features
Collin Stultz, Paul Myers, Wei (Tiffany) Huang, Fred Anderson, Massachusetts Institute of Technology, Cambridge, MA, USA

392 - Usefulness of the HEART Score Without Troponin Value to Stratify Patients With Suspected Non-ST Elevation Acute Coronary Syndrome
Juan Costabel, Marcia Cortes, Florencia Lombardi, Paula Ariznavarreta, Silvana Resi, Roberto Campos, Instituto Cardiovascular de Buenos Aires, Buenos Aires, Argentina

393 - Impact of Hypertension on the Predictive Value of Hemoglobin Glycation Index on Cardiovascular Outcomes
Jing-Lu Jin, Di Sun, Ye-Xuan Cao, Hui-Wen Zhang, Yuan-Lin Guo, Na-Qiong Wu, Cheng-Gang Zhu, Ying Gao, Qiu-Ting Dong, Geng Liu, Qian Dong, Jian-Jun Li, Wu, Hui-Wen Zhang, Yuan-Lin Guo, Na-Qiong Wu, Qian Dong, Jian-Jun Li, Wu, Fujai Hospital, Beijing, People’s Republic of China

394 - Clinical Significance of HIP (High Intensity Plaque) Detected by MFRangiography Within Human Atherosclerotic Coronary Arterial Intima: A Study With Intravascular Imagings
Toshiko Nishida, Takaumi Hiro, Mitsumasa Sudo, Daishiuke Kito, Daishiuke Fukamachi, Michiaki Matsumoto, Koji Oiwa, Yasuo Okumura, Yokohama Central Hospital, Yokohama, Japan, Nihon University School of Medicine, Tokyo, Japan
395 - Impact of Treatment Strategy of Acute Myocardial Infarction on Discharge Medications
Grant Henderson, Mouin Abdallah, Michael Johnson, Moses Anabila, Kathleen Kravitz, Jeevanantham Rajeswaran, Venu Menon, Stephen Ellis, A. Lincoff, Eugene Blackstone, Samir Kapadia, Umesh Khot, Cleveland Clinic, Cleveland, OH, USA

396 - Recurrent Acute Myocardial Infarction After an Acute Myocardial Infarction
Grant Henderson, Mouin Abdallah, Michael Johnson, Moses Anabila, Kathleen Kravitz, Jeevanantham Rajeswaran, Venu Menon, Stephen Ellis, A. Lincoff, Eugene Blackstone, Samir Kapadia, Umesh Khot, Cleveland Clinic, Cleveland, OH, USA

397 - Readmission Risk For Acute Myocardial Infarction After Acute Myocardial Infarction Stratified by Initial Presentation of STEMI Versus NSTEMI
Grant Henderson, Mouin Abdallah, Michael Johnson, Moses Anabila, Kathleen Kravitz, Jeevanantham Rajeswaran, Venu Menon, Stephen Ellis, A. Lincoff, Eugene Blackstone, Samir Kapadia, Umesh Khot, Cleveland Clinic, Cleveland, OH, USA

398 - Temporal Trends in Health Care Utilization Due to Chest Pain Following Percutaneous Coronary Intervention
Brent Williams, Daniela Geba, Stephen Joyce, James Blankenship, Geisinger Health System, Danville, PA, USA

399 - Infarct Characteristics, Treatment, and Clinical Outcome in Patients With Transient ST-Segment Elevation Myocardial Infarction Versus ST-Segment Elevation Myocardial Infarction Patients
Glady Janssens, Nina van der Hoeven, Jorrit Lemkes, Maarten Van Leeuwen, Peter van de Ven, Stijn Brinkman, Jorik Timmer, Martijn Meuwissen, Arno Van Der Weerd, Tim Ten Cate, Jan Piek, Clemens von Birgelen, Roberto Diletti, Javier Escaned, Albert van Rossum, Robin Nijveldt, Niels Van Royen, Amsterdam UMC, VU University Medical Center, Amsterdam, The Netherlands, Radboud University Medical Center, Nijmegen, The Netherlands

400 - Association Between Plaque Types, Systematic Inflammation, and Lipid-Lowering Effect of Statin in Acute Myocardial Infarction Patients
Runzhen Chen, Peng Zhou, Chen Liu, Yu Tan, Sheng Zhaoxi, Jiannian Li, Jinying Zhou, Hanjun Zhao, Song Li, Hongbing Yan, Fuwai Hospital, National Center for Cardiovascular Diseases, Chinese Academy of Medical Sciences, Beijing, People's Republic of China

401 - Predictors of All-Cause Mortality in the BARI 2D Trial Identified by Machine-Learning

402 - Racial and Gender Disparities in Outcomes of Percutaneous Coronary Intervention in Human Immunodeficiency Virus Patients
Adedayo Christian Atanda, Odunayo Olrunfemi, Talal Alzahrani, Olajide Buhari, Gbolahan Ogunbayo, Kelechi O. Weze, Ayman Elbadawi, Ramesh Mazihari, Jonathan Reiner, The George Washington University Hospital, Washington, DC, USA

404 - Serial High-Sensitivity Cardiac Troponin T Measurements to Rule Out Acute Myocardial Infarction and a Single High Baseline Measurement For Swift Rule-In: A Systematic Review and Meta-Analysis
Murat Arslan, Admir Dedic, Eric Boersma, Eric A. Dubois, Erasmus Medical Center, Rotterdam, The Netherlands

405 - Consequent Use of Available Oral Lipid Lowering Agents Would Bring the Majority of High-Risk Patients With Chd to Recommended Targets: An Estimate Based on the Dysis II Study Population
Anselm K. Gitt, Gaetano De Ferrari, Dominik Lautsch, Martin Horack, Carl Baxter, Philippe Brudi, Jean Ferrières, DYSIS-II-Study-Group, Herzzentrum Ludwigshafen, Ludwigshafen, Germany, Institut f. Herzinfarktforschung Ludwigshafen, Ludwigshafen, Germany

406 - PAD as a Predictor of Clinical Outcomes and Mortality in ACS Patients: Data From the Israeli National ACSIS Registry
Ana Luiza Zigan, Shlomi Matetzky, Shaul Atar, Doron Zahger, Roy Beigel, Zaza Iakobishvili, Sheba Medical Center, Tel Aviv, Israel

407 - Current Situation of Medication Adherence After ST-Segment Elevation Myocardial Infarction in China
Lan Shen, Yutong Miao, Yanqiao Lu, Ben He, Shanghai Chest Hospital, Department of Cardiology, Shanghai, People's Republic of China

408 - Reversible Left Ventricular Systolic Dysfunction Associated With Spontaneous Coronary Artery Dissection
Jessica Duran, Yousef Ghazawzi, Aferdita Spahilari, M. Ihsan Kaadan, Shelly Mishra, Francesca Ponzini, Nandita Scott, Sarah Tsiaras, Malissa Wood, Massachusetts General Hospital, Boston, MA, USA

409 - Hemodialysis as a Predictor of Outcomes After Isolated Coronary Artery Bypass Grafting
Ramsey Elsayed, Mark Barr, Robbins Cohen, Craig Baker, Vaughn Starnes, Michael Bowdish, University of Southern California, Los Angeles, CA, USA

410 - Incidence and Outcomes of Cardiogenic Shock in Patients With Sepsis Complicated by Acute Myocardial Infarction
Gowthami Kobbari, Srikanth Yandrapalli, Viswajit Reddy Anugu, Ravi Teja Pasam, Varunsi Atti, Naga Kanaparthi, Christopher Naboros, Wilbert Aronow, Westchester medical center, Valhalla, NY, USA

Arrhythmias and Clinical EP - Poster Contributions Session #1320

Arrhythmias and Clinical EP: Supraventricular/Ventricular Arrhythmias 5
Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall F
CME Hours: /CME Hours:

265 - Anesthesia Utilization in Cardiac Ablations in the US: Primary Results of a Nationwide Survey
Scott Koerber, Eric Nelson, Jeffrey Winterfield, Michael Gold, Medical University of South Carolina, Charleston, SC, USA

266 - Non-Pulmonary Vein Trigger Ablation Improves the Single-Procedure Success Rate of Catheter Ablation in Persistent Atrial Fibrillation: Results From a Large Prospective Multicentre Experience
Domenico Giovanni Della Rocca, Sanghamitra Mohanty, Chintan Trivedi, Qing Chen, Omer Gedikli, Amin Al-Ahmad, John Burkhardt, Gerald Gailinghouse, Javier Sanchez, Alfredo Chauca Tapia, Rodney Horton, Sharan Sharma, Dhanunjaya Lakireddy, Luigi Di Biase, Andrea Natale, Texas Cardiac Arrhythmia Institute, Austin, TX, USA

267 - Risk of Thromboembolic Events in Patients With High CHA2DS2‐VASc Score Undergoing Catheter Ablation of Non‐Paroxysmal Atrial Fibrillation With/Without Left Atrial Appendage Electrical Isolation: A Propensity Score Matched Comparison
Domenico Giovanni Della Rocca, Chintan Trivedi, Luigi Di Biase, Sanghamitra Mohanty, Qing Chen, Omer Gedikli, Alfredo Chauca Tapia, Amin Al-Ahmad, John Burkhardt, Gerald Gailinghouse, Javier Sanchez, Rodney Horton, Sharan Sharma, Dhanunjaya Lakireddy, Andrea Natale, Texas Cardiac Arrhythmia Institute, Austin, TX, USA
268 - Is Paroxysmal Supraventricular Tachycardia Truly Benign? Insightful Association Between PSVT and Stroke Brom a National Inpatient Database
Sharan Sharma, Donita Atkins, Sudharana Bommana, Syed Kazi, Iftikhar Ahmed, Stephen Bloom, Yoav Krauthammer, Rakesh Gopinathannair, Zhenguo Liu, Greg Flaker, Buddhadeb Dawn, Andrea Natale, Dhananjaya Lakkireddy, Kansas City Heart Rhythm Institute, Overland Park, KS, USA

270 - Increased Rates of Cardioversion and Ablation in Patients With Atrial Fibrillation and Sleep Apnea Compared to Patients With Atrial Fibrillation Alone: A Nationwide Study
Alba Munoz Estrela, Faris Haddadin, Dhrubajyoti Bandyopadhyay, Hassan Beydoun, Vivek Modi, Eyal Herzog, Mount Sinai St. Luke’s - West, New York, NY, USA

271 - Angiotensin Converting Enzyme Inhibitor Reduces the Incidence of Atrial Fibrillation in Heart Failure With Preserved Ejection Fraction Patients: A Retrospective Cohort Study From the Treatment of Preserved Cardiac Function Heart Failure With an Aldosterone Antagonist Trial
Tran Nguyen, Talal Alzahrani, James McCaffery, Raza Yunus, Adebayo Christian Atanda, Marco Mercader, Allen Solomon, The George Washington University, Washington, USA

272 - Left Atrial Fibrosis, Functional Change, and a Risk of Thrombus in Patients With Atrial Fibrillation: Left Atrial Fibrosis Begets Atrial Fibrillation or Vice Versa?
Hee-Dong Kim, Dong-Hyuk Cho, Mi-Na Kim, Sung Ho Hwang, Jaemin Shim, Jong-il Choi, Young-Hoon Kim, Yu-Whan Oh, Wan Joo Shim, Seong-Mi Park, Korea University Anam Hospital, Seoul, South Korea

273 - Intraclass Correlations of Voltage, Fractionated Electrograms, and Dominant Frequency in Patients Where Localized Ablation Terminated Persistent Atrial Fibrillation
Albert J. Rogers, Nosheen Moosvi, Abhinav Singh, Mahmood Alhusseini, Tina Baykaner, Paul Clpton, Wouter-Jan Rappel, Paul Wang, Sanjiv Narayan, Stanford University, Stanford, CA, USA, UC San Diego, San Diego, CA, USA

274 - Comparing Anti-Coagulation Strategies in Patients Undergoing Watchman Implantation: Incidence of Periprocedural and 45-Day Thrombosis and Bleeding
Nachtik Madhav Apte, Michael Pierpoline, Aman Patel, Lance Longmore, Tawseef Dar, Alexander Robinson, Ahsan Khan, Aaron Timins, Karan Gupta, Kimberly Wilson, Daniel Jipescu, Anand Subramanian, Som Aftabizadeh, Senthil Thambidurai, Madhu Reddy, University of Kansas Medical Center, Kansas City, KS, USA, Medical City, Fort Worth, TX, USA

275 - Apical Variant Hypertrophic Cardiomyopathy and Multiple ICD Shocks
Georgiana Luisa Baca, Grace Lin, Steve Ommen, Peter Brady, Mayo Clinic, Rochester, MN, USA

276 - Atrial Fibrillation Wellness Program Leads to Decreased Emergency Room Visits and 30 Day Re-Hospitalization Rates
Nitesh Sood, Katie Calheta, Rose Larrivee, Ramin Davoudi, Arnolds Giedrims, Peter Cohn, David Teixeira, Kelly Walker, Brianne Cabral, Lori Mullins, Debra Benevides, Southcoast Health System, Fall River, MA, USA

277 - Impact of Valvular Heart Disease, Anticoagulation, and Left Atrial Appendage Occlusion Devices: A Novel Approach
Michael Pierpoline, Lance Longmore, Nachtik Apte, Alexander Robinson, Tawseef Dar, Madhu Reddy, Jonathan Chandler, Kansas University Medical Center, Kansas City, KS, USA

278 - Importance of Stabilized Myocardial Substrate For Ablation of Ventricular Tachycardia in an Unstable Acutely Post-Infarct Patient With a Durable Left Ventricular Assist Device
Gordon Ho, Andrew Lin, Jonathan Hsu, Kurt Hoffmayer, Farshad Raissi, Gregory Feld, Eric Adler, Victor Pretorius, David Krummen, University of California San Diego, La Jolla, CA, USA

Arrhythmias and Clinical EP - Poster Contributions
Session #1321
Arrhythmias and Clinical EP - Devices 5
Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall F
CME Hours: /CME Hours:

279 - Getting the Lead Out of Rv Pacing: Micra According to Maude
Lauren Ashley Rousseau, Shady Henien, Esseim Sharma, Brian McCauley, Michael Wu, Antony Chu, Brown University, Providence, RI, USA

280 - Impact of Ultra-Conservative Implantable Cardioverter Defibrillator Programming in Patients With Left Ventricular Assist Devices: Avoiding Unnecessary Tachy-Therapies
Alexander Robinson, Valay Parikh, Mohammad-Ali Jazayeri, Michael Pierpoline, Madhu Reddy, Martin Emert, Rhea Pimentel, Raghuveer Dendi, Loren Berenbom, Katie Christensen, Andrew Sauer, Zubair Shah, Nicholas Haglund, Travis Abicht, Seth Sheldon, Kansas University Medical Center, Kansas City, KS, USA

281 - Defibrillators Following Recent Acute Myocardial Infarction: A Meta-Analysis of Randomized Clinical Trials
Yazan Zayed, Babikir Kheiri, Mahmood Barbarawi, Laith Rashdan, Ghassan Bachuwa, Mustafa Hassan Mahmoud, Deepak L. Bhatt, Hurley Medical Center/Michigan State University, Flint, MI, USA

282 - Men, Women, & Matters of the Heart Explaining Sex Differences in Response to Cardiac Resynchronization Therapy
Mariah Barlow, Sara Klinger, Gregory Sinner, Mackenzie Wyatt, Maya Guglin, University of Kentucky Medical Center Gill Heart Institute, Lexington, KY, USA

283 - Low Intensity Ultrasound Stimulation Might Reduce Ventricular Arrhythmia by Modulating Sympathetic Neural Activity in Myocardial Infarction Canine Model
Songyun Wang, Xinli Xu, XueMing Li, Lin Wu, Hong Jiang, Renmin Hospital of Wuhan University, Wuhan, People’s Republic of China

284 - New Pacemaker Requirements After Surgical Ablation of Atrial Fibrillation During Valve Surgery
Andrei Churlya, Azad Karim, Adin-Cristian Andrei, Jane Kruse, James Cox, Patrick McCarthy, Northwestern Memorial Hospital, Chicago, IL, USA

285 - Watchman Complications Reported in the Manufacturer and User Facility Device Experience Database
Shady Henien, Lauren Rousseau, Alan Miller, Rachel Karo, Antony Chu, Brown University, Providence, RI, USA

286 - Long-Term Results in Paediatric Cardiac Pacing: Single Center 12 Years Experience
Olga L. Bokerya, Zalina Kudzoeva, Tatyana Le, Soslan Khugaev, A. N. Bakulev National Center for Cardiovascular Surgery, Moscow, Russian Federation

287 - Comparison of Nanostim and Micra Transcatheter Leadless Pacemaker (LP) Extractions: A Multicenter Experience
Tawseef Dar, Bharath Yarlagadda, Muhammad Afzal, Sharan Sharma, Paul Friedman, Vivek Reddy, Rakesh Gopinathannair, Sandeep Gautam, Gregory Flaker, Zhenguo Liu, Greg Flaker, Andrea Natale, Dhananjaya Lakireddy, University of Kansas Medical Center, Kansas City, KS, USA
308 - Identifying Cardiac Arrest by ICD Codes: The Accuracy of Diagnoses
Julie Shelton, Marc Paranzino, Sarah Price Wright, Matthew Cook,
Sethabhisna Nerusu, Xiaoshu Li, Vedant Gupta, Susan Smyth, University of
Kentucky, Lexington, KY, USA

486 - Building Capacity to Assess Longitudinal Outcomes and Health
Expenditures For Children With Congenital Heart Disease
Brett R. Anderson, Kacie Dragan, Sherry Gled, Joyce Woo, Damien LaPar,
John Billings, Columbia University Irving Medical Center, New York, NY, USA

309 - Arrhythmia Type and Duration on Myocardial Recovery in Patients With
Arrhythmia Induced Cardiomyopathy: A Multicenter Study
Rakesh Gopinathannair, Rahul Dharw, Brian Olshansky, Andrew Murray,
Talha Farid, Sharan Sharma, Dhanunjaya Lakireddy, University of Louisville,
Division of Cardiovascular Medicine, Louisville, KY, USA, Kansas City Heart
Rhythm Institute, Overland Park, KS, USA

487 - Importance of Abdominal Compression Valsalva Maneuver and
Microbubble Grading in Contrast Transthoracic Echocardiography For
Detecting Patent Foramen Ovale
Yoichi Takaya, Teiji Akagi, Rie Nakayama, Koji Nakagawa, Hiroshi ito,
Okayama University, Okayama, Japan

310 - T-Wave Axis Deviation Predicts Incident Heart Failure and Fatal
Outcomes in High Risk Subjects Undergoing Coronary Angiography
Zakaria Almuwaqqat, Ayman Alkhoder, Ayman Samman Tahhan, Matt Amin,
Belal Kaseer, Muaaz Choudhary, Ghazal Bahjat, Devinder Dhindsa, Murutza
Jafri, Wesley O'Neal, Sirda Siddiqui, Rami Abdulbaki, Saqib Qadir, Arianna
Sidoti, Afman Khan, Muhammad Dhanani, Elsayed Soliman, Viola Vaccarino,
Arshed Quyyumi, Amit Shah, Emory Cardiovascular Clinical Research
Institute, Atlanta, GA, USA

311 - Reasons For Inappropriate Emergency Department Admissions in
Patients With a History of Atrial Fibrillation: Results From the Multicentre AF‐
ED Trial
Ben Glover, Kathryn L. Hong, David Bakker, Jason Baley, Corinne Babilakis,
Chao Xue, Filipa Saramago, Damian Redfearn, Queen's University, Kingston,
Canada, Kingston Health Sciences Centre, Kingston, Canada

488 - Consideration of Optimal Timing For Pulmonary Valve Replacement in
Asymptomatic Repaired Tetralogy of Fallot Using Feature Tracking Magnetic
Resonance Strain
Akio Inage, Kanako Kishiki, Naokazu Mizuno, Sakakibara Heart Institute,
Fuchu-city, Tokyo, Japan

312 - Burden and Predictors of Cardiac Arrhythmia in Hospitalized Orthotopic
Heart Transplant Recipients: Insights From the Nationwide Inpatient Sample
Ahmed Elkafrawy, Hasan F. Othman, Amr Barakat, Ahmed Elkafrawy,
University of Missouri Kansas City, Kansas City, MO, USA, Saint Luke's Mid
America Heart Institute, Kansas City, MO, USA

495 - Incidence and Outcomes of Prosthetic Valve Endocarditis in Adults With
Tetralogy of Fallot
Alexander C. Egbe, Heidi Connolly, Mayo Clinic, Rochester, MN, USA

Conthenal Heart Disease: Poster Contributions
Session #1339

496 - Outcomes of Pregnancy in Women With Left Ventricular
Noncompaction
Melissa Lyle, Vaibhav Vaidya, Rowiens Melduni, Carl Rose, Heidi Connolly,
William Miranda, Mayo Clinic, Rochester, MN, USA

499 - Trends of Pulmonary Artery Catheter Use in Heart Failure
Hospitalizations: A National Estimate
Mandira Patel, Srishti Nayak, Prashant Patel, Amish Patel, Kishore
Mukherjee, Steven Deutsch, Sami Nazzal, Issa Alesh, University of California,
Riverside, Riverside, CA, USA

489 - Effects of Transcatheter Pulmonary Valve Implantation on
Cardiopulmonary Capacity: A Systematic Review and Meta‐Analysis
Mohammed Edrees Alomar, Rowan Walsh, Marc Cohen, Newark Beth Israel
Medical Center, Newark, NJ, USA, Robert Wood Johnson‐Barnabas
Healthcare System, NJ, USA

490 - Coronary Artery Disease in Adults With Tetralogy of Fallot
Alexander C. Egbe, Heidi Connolly, Mayo Clinic, Rochester, MN, USA

497 - Risk Predictions in Adult Congenital Heart Disease Patients With Heart
Failure: A Systematic Review
Lee Harel‐Sterling, Fei Wang, Sarah Cohen, Aihua Liu, James Brophy, Gilles
Paradis, Ariane Marelli, McGill Adult Unit for Congenital Heart Disease
Excellence, Montreal, Canada

498 - Outcomes of Hospitalizations For Adult Congenital Heart Disease
Patients Admitted With Heart Failure
Anushree Agarwal, Carson W. Dudley, Gregory Nah, Robert Hayward, Zian
Tseng, University of California San Francisco, San Francisco, CA, USA

Heart Failure and Cardiomyopathies: Poster Contributions
Session #1342

Heart Failure and Cardiomyopathies: Clinical 5
Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall F
CME Hours: /CNE Hours:

499 - Trends of Pulmonary Artery Catheter Use in Heart Failure
Hospitalizations: A National Estimate
Mandira Patel, Srishti Nayak, Prashant Patel, Amish Patel, Kishore
Mukherjee, Steven Deutsch, Sami Nazzal, Issa Alesh, University of California,
Riverside, Riverside, CA, USA
500 - Role of Pocket Ultrasound in the Management of Heart Failure Exacerbation in Patients With CKD
Wissam Khalife, Mukku Venkatakishore, Aiham Albaeni, Mohamed Faher Almahmoud, University of Texas Medical Branch, Galveston, TX, USA

501 - The Role of Pocket Ultrasound in Assessing Intravascular Volume to Guide Management in Challenging Heart Failure Patients
Wissam Khalife, Mukku Venkatakishore, Aiham Albaeni, Mohamed Faher Almahmoud, University of Texas Medical Branch, Galveston, TX, USA

502 - Iron Deficiency in Heart Failure, an Underdiagnosed and Undertreated Condition During Hospitalization
Ronak Mistry, Hitomi Hosoya, Patricia Ford, Andrew Kohut, Pennsylvania Hospital of the University of Pennsylvania Health System, Philadelphia, PA, USA

503 - Sex Differences in Plasma Concentrations and Prognostic Value of NT-proBNP in Chronic Heart Failure
Alberto Aim, James Januzi, Giuseppe Vergaro, Andrea Ripoli, Roberto Latini, Jennifer Meessen, Inder S. Anand, Jose Nativi, Amaury Cariou, Christine Jellis, Yoshiko Mizuno, Masao Daimon, Kohei Uemura, Hitetakda Ito, Kiryama Hiroyuki, Yuriko Yoshida, Koki Nakainishi, Hidehito Kaneko, Daisuke Koide, Nobutake Yamamichi, Issei Komuro, The University of Tokyo, Tokyo, Japan

504 - Diastolic Pulmonary Gradient Predicts Right Ventricular Failure After Left Ventricular Assist Device Implantation
Hilmi Alnasra, Rabea Aslef, Sarah Schettle, Naveen Pereira, Robert Frantz, Brooks Edwards, Alfredo Clavell, Simon Maltais, Richard Daly, John Stulak, Andrew Rosenbaum, Atta Behfar, Sudhir Kushwaha, Mayo Clinic, Rochester, MN, USA

505 - Patient Health Status Trajectories in Heart Failure With Recovered Ejection Fraction
Peter Wohlfahrt, Jose Nativi-Nicolau, Mingyuan Zhang, Craig Selzman, Tom Greene, Jorge Conte, Joshua Biber, Rachel Hess, Omar Weaver-Pinzon, Stavros Drakos, Edward Gilbert, Line Keimeyou, Bernie LaSalle, Abdallah Kfoury, Benjamin Steinberg, Rashmeeh Shah, James Fang, John A. Spertus, Josef Stehlik, University of Utah, Salt Lake City, UT, USA

506 - Provider Perspectives on the Feasibility and Utility of Routine Patient-Reported Outcomes Assessment in Heart Failure: A Qualitative Analysis
Peter Wohlfahrt, Susan Zickmund, Stacey Slager, Larry Allen, Jose Nativi-Nicolau, Abdallah Kfoury, G. Michael Felker, Adam DeVore, Rachel Hess, John A. Spertus, Josef Stehlik, University of Utah, Salt Lake City, UT, USA

507 - Characterization of Immune Checkpoint Inhibitor-Related Cardiotoxicity in Lung Cancer Patients From a Rural Setting in Eastern North Carolina
Melissa Y. Y. Moey, Anna Tomdio, Justin D. McCalen, Lauren Vaughan, Rafah Naqash, Cynthia Cherry, Blase Carabello, Paul R. Walker, East Carolina University, Greenville, NC, USA, Vidant Medical Center, Greenville, NC, USA

508 - Natural Unbiased Stratification of Risk in Heart Failure With Preserved Ejection Fraction Using Unsupervised Clustering of Clinical and Echocardiographic Variables
Alaa M. Omar, Sukrit Narula, Alla Yugay, Jairo Tejada, William Sanchez, Arsalan Rehmani, Ahmed Elwan, Edgar Argulian, Jonathan N. Bella, BronxCare Hospital Center, New York, NY, USA, Icahn School of Medicine at Mount Sinai, Saint Luke's Hospital, New York, NY, USA

509 - The Role of Serum Cardiac Biomarkers and Left Ventricular Strain Imaging For Detecting Early Radiation Induced Myocardial Damage in Women Undergoing Left-Sided Breast Radiation Therapy: A Pilot Study
Alexandra Murphy, Omar Farouque, Anoop Kshy, Farshad Faroudi, Mark Horrigan, Michael Chao, Terase Lancefield, Austin Health, Melbourne, Australia

510 - Lipoprotein(a) Is Associated With Elevated Mitral E/e' Ratio in Japanese Non-Heart Failure Population
Yoshiko Mizuno, Masao Daimon, Kohei Uemura, Hitetakda Ito, Kiryama Hiroyuki, Yuriko Yoshida, Koki Nakainishi, Hidehito Kaneko, Daisuke Koide, Nobutake Yamamichi, Issei Komuro, The University of Tokyo, Tokyo, Japan

511 - Gender Variation in the Predictive Validity of the Kansas City Cardiomyopathy Questionnaire
Vittal Hojiari, Krishna Patel, Tang Yuanyuan, Philip Jones, Bryce B. Reeve, Kevin Weinfult, Theresa Coles, Leana L. Pina, John A. Spertus, Mid America Heart Institute, Kansas City, MO, USA

512 - Predictors and Clinical Outcomes of Vasoplergia in Patients Bridged to Heart Transplantation With Continuous Flow Left Ventricular Assist Devices
Rabea Aslef, Hilmi Alnasra, Sarah D. Schettle, Riad Taher, Shannon Dunlay, John Stulak, Richard Daly, Atta Behfar, Naveen Pereira, Alfredo Clavell, Simon Maltais, Robert Frantz, Brooks Edwards, Sudhir Kushwaha, Mayo Clinic, Rochester, MN, USA

513 - Does Pathology Antibody-Mediated Rejection Lead to Intimal Thickening in the First-Year After Heart Transplantation?
Takuma Sato, Richard Cheng, Babak Azarbal, Ryan Levine, Sadia Dimbil, Jignesh Patel, Jon Kobashigawa, Cedars-Sinai Heart Institute, Los Angeles, CA, USA

514 - Development of Pathophenotypes For Patients With Recently Decompensated Heart Failure
George F. Wohlfard, Daniel Contaifer, Jr., Leo Buckley, Dave Dixon, Justin Canada, Elvin T. Price, Antonio Abbate, Dayanjan S. Wijesinghe, Benjamin Van Tassell, Virginia Commonwealth University School of Pharmacy, Richmond, VA, USA, VCU Health Pauley Heart Center, Richmond, VA, USA

515 - Does Time on an Intra-Aortic Balloon Pump For Heart Failure Affect Outcome After Transplant?
Sadia Dimbil, Ryan Levine, Babak Azarbal, Jignesh Patel, Jon Kobashigawa, Cedars-Sinai Heart Institute, Los Angeles, CA, USA

516 - Early Left Ventricular Dilation Is Associated With Lower Subsequent Ejection Fraction in Duchenne Muscular Dystrophy
Michael Parsons, Reid Thompson, Johns Hopkins University School of Medicine, Baltimore, MD, USA

517 - Short Term Recurrence Rate of Takotsubo Cardiomyopathy
Rohit Rattan, Vikas Singh, Prabhjot Bedi, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

518 - Longitudinal Echocardiographic Findings of Danon Disease: Insights From a Global Registry
Gary Ma, Quan Bui, Michela Brambatti, Victor Escobedo, Nathan Nguyen, Elizabeth Covarrubias, David Teng, Alessandro Maolo, Matthew Taylor, Eric Adler, UC San Diego, La Jolla, CA, USA

519 - D-Dimer as a Novel Marker of Inflammation in Pericarditis
Chandra Kanth Aila, Kinjal Banerjee, Johnny Chahine, Beni Verma, Arnav Kumar, Muhammad Furgan, Kimi Sato, Roly Bachamovitch, Christine Jellis, Stanley L. Hazen, Luis Afonso, Allan Klein, Cleveland Clinic, Cleveland, OH, USA
521 - Patent Foramen Ovale, Friend or Foe in Heart Failure Patients?
Steve Antoine, Andres Pineda Maldonado, Jose Rivas, Carmen Smotherman, Shiva Gautam, Alan Miller, UF Health, Jacksonville, FL, USA

522 - Trends and Outcomes of Gastrointestinal Bleeding Admissions Among Patients With Left Ventricular Assist Devices
Dinesh Voruganti, Ghanshyam P. S. Shantha, Chakradhari Inampudi, Paulino Alvarez, Michael Giudici, Alexandros Biasoulis, University of Iowa Hospitals and Clinics, Iowa City, IA, USA

523 - Cardiogenic Shock Complicating Hypertrophic Cardiomyopathy: Insights From the National Inpatient Sample Database From 2010 to 2015
Sagar Ranka, Mohit Pahuja, Pablo Michel, Udit Joshi, Harsh Rawal, Pedro Villablanca, Wilbert Arnow, Srihari Naidu, John H. Stroger Hospital of Cook County, Chicago, IL, USA

524 - Impact of Admitting Inpatient Service on Length of Stay and Hospital Readmissions in Patients With Heart Failure
Bernard Kadosh, Mitali Thakore, Jeremy Jacobson, Adam Prince, Biana Trost, Lenox Hill Hospital, New York, NY, USA

Aditya A. Joshi, Joseph Lerman, Aparna Sajja, Amit Dey, Maria Patarroyo, Anmesh Raina, Allegheny General Hospital, Pittsburgh, PA, USA

526 - Correlation of Echocardiographic Findings With Symptoms in Patients With Left Ventricular Assist Devices
Nikolaos Papoutsidakis, Carolyn Ho, Neal Lakdawala, Justin Vincent-Bernard Kadosh, Mitali Thakore, Jeremy Jacobson, Adam Prince, Biana Trost, Lenox Hill Hospital, New York, NY, USA

527 - Novel Interaction Between Right Ventricular Function and Myocardial Fibrosis Is a Powerful Predictor of Outcomes in Patients With Non-Ischemic Cardiomyopathy
Shaiilee Y. Shah, Nishant Shah, Sophia Downey, Nathaniel Lee, Scott Flamm, Wai Hong Tang, Brian Griffin, Deborah Kwon, Cleveland Clinic, Cleveland, OH, USA

528 - Identifying Predictors of Hospitalization Due to Heart Failure in the TOPCAT Trial Using Machine Learning Techniques
Gauri Dandi, Amit Dey, Yuan Gu, Ruba Shalhoub, Runqiu Wang, Colin Wu, Xin Tian, Eileen Navarro Almarino, Tejas Patel, Jerome Fleg, James Januzzi, Massachusetts General Hospital, Boston, MA, USA

529 - Temporal Trend of LVAD Usage in Different Racial Groups With Heart Failure Exacerbation From 2008 to 2014
Xin Wei, Yumeng Wen, Kevin Gu, Scott Kaplin, Swiri Konje, Gregg Lanier, Mount Sinai St. Luke’s and West, New York, NY, USA

530 - Relevance and Significance of Left Ventricular Ejection Fraction in Chronic Heart Failure Phenotypes in a Large Cohort of Heart Failure Patients: Results From the PIMMABLE Registry and Planned Validation With Linked Medicare Data and Swedish Heart Failure Registry
Hanna Kim Gaggin, Ase K. Hedman, Yang Song, Sanjiv Shah, Lars Lund, Qi Gao, Nasrien Ibrahim, Gianluigi Savarese, Gheorge Doros, Ulf Dahlstrom, James Januzzi, Massachusetts General Hospital, Boston, MA, USA

531 - Six-Minute Walk Distance Under 130 Meters Predicts Frequent Heart Failure Read Missions in Patients With Stage C and D Heart Failure
Mirza Baig, Lisa Rein, Tarima Sergey, Mary Conti, Asim Mohammed, Medical College of Wisconsin, Milwaukee, WI, USA

532 - An iPad-Based Measure of Processing Speed in Older Adults Hospitalized For Heart Failure
Eiran Z. Gorodeski, Anson B. Rosenfeldt, Karen Fang, Cynthia Kubu, Stephen M. Rao, Amy E. Jansen, Tanujit Dey, Jay L. Alberts, Cleveland Clinic, Cleveland, OH, USA

533 - Differential Impact of Apnea Hypopnea Index and Nocturnal Oxygen Desaturation on Cardiac Dysfunction in Patients With Sleep Disordered Breathing
Osama Mukarram, Andre Gabriel, Min Jung Kim, Kai Chen, University of Connecticut, Farmington, CT, USA

534 - Subendocardial Viability Ratio Associates With Echocardiographic Parameters of Diastolic Function: Insights From the Bogalusa Heart Study
Camilo Fernandez-Alonso, Alexander C. Razavi, Alexander Romero, Jose Nativi-Nicolaup, Rupert P. Barshop, Lydia Bazzano, Tulane University, New Orleans, LA, USA, Harvard University, Boston, MA, USA

535 - Heart Failure as a Confounder of Chronic Lung Disease in Patients With Severe Aortic Stenosis Undergoing TAVR
Jesus Pino, Varun Shah, Fergie Ramos Tusnez, Edwin Grajeda, Kai Chen, Samineh Sehatbakhsh, Senthika Sundaravel, Lovitz Lawrence, Mark Rothenberg, Roberto Cubeddu, Marcos Nores, Robert Chait, University of Miami/IFK Medical Center, Atlantis, FL, USA

536 - The Predictive Value of Hemoconcentration and Hemoglobin Level During the Treatment of Acute Decompensated Heart Failure
Hiroyuki Kono, Takeshi KITAI, Kitae Kim, Natsuhiko Ehara, Atsushi Kobori, Makoto Kinoshita, Shuichi Kajiyu, Yutaka Furukawa, Kobe City Medical Center General Hospital, Kobe, Japan

537 - Fractional Excretion of Sodium After the Treatment of Acute Decompensated Heart Failure Predicts the Prognosis
Hiroyuki Kono, Takeshi Kitai, Kitae Kim, Atsushi Kobori, Natsuhiko Ehara, Makoto Kinoshita, Shuichi Kajiyu, Yutaka Furukawa, Kobe City Medical Center General Hospital, Kobe, Japan

538 - Assessment of Right Ventricular Function in Advanced Heart Failure Patients Using Right Heart Catheterization and SPECT Ventriculography
Vojtech Melensky, Marek Tupy, Nevenka Solar, Adrian Reichenbach, Hikmet Al-Hiti, Tereza Havlenova, Luca Monzo, Ivan Netuka, Josef Kautzner, Institute for Clinical and Experimental Medicine - IKEM, Prague, Czech Republic

539 - Cardiac Enlargement on Chest X Ray as a Predictor of Polyneuropathy, Organomegaly, Endocrinopathy, Monoclonal Gammopathy, and Skin Changes (POEMS) Syndrome
Nobusada Funabashi, Yoshio Kobayashi, Department of Cardiology, Chiba University, Chiba, Japan
541 - Genome-Wide Association Study of Mortality Benefit From Beta-Blockers in Patients With Heart Failure With Reduced Ejection Fraction
Tyler Shugg, Jia Li, Ruicong She, Hongsheng Gui, Hani N. Sabbah, L. Keoki Williams, Jasmine A. Luzum, David E. Lanear, University of Michigan, Ann Arbor, MI, USA, Henry Ford Health System, Detroit, MI, USA

542 - Inferior Vena Cava Diameter Measurement Provides Distinct and Complementary Information to Right Atrial Pressure in Acute Decompensated Heart Failure
Matthew Griffin, Veena Rao, Devin Mahoney, Brendan Stewart, Griffin Struyk, Peri Shamlan, Megan Pattoli, Nicole Gomez, Parinita Raghavendra, Joslyn Barnett, Anvin Thomas, Emily Wycallis, James Fleming, Jeffrey M. Testani, Yale School of Medicine, New Haven, CT, USA

543 - Utah Cardiac Recovery Score Effectively Predicts Myocardial Recovery in Patients Supported With Durable Left Ventricular Assist Devices
Josef Taleb, Benjamin Horne, Michael Yaoyao Yin, Anna Catino, Omar Wever-Pinzon, Michael Bonios, William Caine, Antigoni Koliopoulos, Rami Alharethi, Abdallah Kfouri, Line Kemeyou, James Fang, Josef Stehlik, Craig Selzman, Stavros Drakos, University of Utah, Salt Lake City, UT, USA

544 - The “Weekend Effect” in Heart Failure Admissions
Muhammad Panhwar, Adham Karim, Ankur Kalra, Tanush Gupta, Sahil Khera, Stavros Drakos, University of Utah, Salt Lake City, UT, USA

545 - Identification of Cardiac Amyloidosis Among a Cohort of Hypertrophic Cardiomyopathy Patients
Amber Fatima, Martin Maron, Barry Maron, Ethan Rowin, Tufts Medical Center, Boston, MA, USA

Heart Failure and Cardiomyopathies - Poster Contributions
Session #1343
Heart Failure and Cardiomyopathies: Therapy 5
Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall F
CME Hours: /CME Hours:

546 - The Effects of CD34+ Cell Therapy on Functional Mitral Regurgitation in Patients With Non-Ischemic Dilated Cardiomyopathy
Sabina Frijka, Gregor Zemljic, Gregor Poglajen, Andraz Cerar, Martina Jaklic, Francois Haddad, Bojan Vrtovec, University Medical Center Ljubljana, Ljubljana, Slovenia, Stanford University School of Medicine, Palo Alto, CA, USA

547 - Injection Induced Myocardial Stunning: Acute Deterioration of Left Ventricular Ejection Fraction Following Transcendocardial Injections
Leonardo Wagner Florencio Dos Santos, Ke Li, Sudeep Kuchibhotla, Emerson Perin, Texas Heart Institute, Houston, TX, USA

548 - Characteristics and Outcomes of Patients Diagnosed With Cardiac Sarcoidosis at the Time of LVAD or Transplant
Tyler Schmidt, Andrew Rosenbaum, Nikhil Kolluri, Suraj Kapa, Lori Blauwert, Mayo Clinic, Rochester, MN, USA

549 - Percutaneous Transvalvular Microaxial Ventricular Assist Device to Decompress the Left Ventricle in Patients Undergoing Veno-Arterial Extracorporeal Membrane Oxygenation For Cardiogenic Shock: A Systematic Review and Metaanalysis
Edwin Grajeda, Jesus Pino, Waqas Ghumman, University of Miami/JFK Medical Center GME Consortium, Atlantis, FL, USA

Heart Failure and Cardiomyopathies - Poster Contributions
Session #1344
Heart Failure and Cardiomyopathies: Basic 5
Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall F
CME Hours: /CME Hours:

550 - Influence of Beta Blockers on the Hemodynamic Response to Intravenous Inotropes in Acute Decompensated Heart Failure
Sarah Jagielski, Nan Wang, Ilya Danelich, Jonathan Cicci, Ian Hollis, Patricia Chang, Jo Rodgers, University of North Carolina Eshelman School of Pharmacy, Chapel Hill, NC, USA, University of North Carolina School of Medicine, Chapel Hill, NC, USA

551 - The Use of Impella Heart Pump For Management of Women With Peripartum Cardiogenic Shock
Uri Elkayam, Shelley Hall, Alexandra Lansky, Andreas Schaefer, Alida Chieffo, Zoltan Arany, Cindy Grines, USC, Los Angeles, CA, USA

554 - Comparing Carvedilol With Metoprolol Sustained Release For All-Cause Mortality in Patients With Heart Failure With Reduced Ejection Fraction: A Systematic Review and Meta-Analysis
Paul A. Gurbel, Amit Rout, Kevin Belden, Udaya Tantry, Ankit Vyas, Rahul Chaudhary, Inova Heart and Vascular Institute, Falls Church, VA, USA, Sinai Hospital, Baltimore, MD, USA

555 - Effect of Anakinra on Colchicine Resistant and Steroid Dependent Recurrent Pericarditis: A Systemic Review and Meta-Analysis
Muhammad Furqan, Riffat Abdullah, Beni Verma, Chandra Ala, Yasser Sammour, Johnny Chahine, Paul Cremer, Massimo Imazio, Allan Klein, Cleveland Clinic Foundation, Cleveland, OH, USA

556 - Listing Older Patients For Transplant or Offering LVAD Destination Therapy?
Anuradha (Anu) Lala-Trindade, John Rowland, Bart Ferket, Marissa Miller, Francis Pagani, Emilia Bagiella, Alan Moskowitz, Sean Pinney, Annette Gelins, Donna Mancini, Ichahn School of Medicine, Mount Sinai Hospital, New York, NY, USA

561 - Pacing Therapies For Sleep Apnea and Cardiovascular Outcomes
Sharan Sharma, Bader Madoukh, Sindhuja Palle, Donita Atkins, Sudharani Bommanu, Prajwala Lakireddy, Naresh Kodwani, Brian Mieczkowski, Peter Park, Rangarao Tummala, Rakesh Gopinathnann, Sanghamitra Mohanty, Andrea Natale, Dhanunjaya Lakireddy, Kansas City Heart Rhythm Institute, Overland Park, KS, USA

566 - Prior Exposure to a Conventional Renin-Angiotensin System Antagonist and Angiotensin Receptor-Neprilysin Inhibition in Acute Decompensated Heart Failure: A Prespecified Subgroup Analysis of the PIONEER-HF Trial
Andrew P. Ambrosey, Adam DeVore, David Morrow, Eugene Braunwald, Carolyn Duffy, Kevin McCague, Ricardo Rocha, Eric Velazquez, Department of Cardiology, The Permanente Medical Group, San Francisco, CA, USA, Division of Research, Kaiser Permanente Northern California, Oakland, CA, USA

Heart Failure and Cardiomyopathies - Poster Contributions
Session #1345
Heart Failure and Cardiomyopathies: Basic 6
Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall F
CME Hours: /CME Hours:

556 - Serum Active Collagenase From Pathogenic Archaeal Collagenase May Cause Heart Failure in Chagasic Patients
Maria De Lourdes Higuchi, Joycelyn Kawakami, Renata Ikegami, Marcia Reis, Camila R. Moreno, Jaqueline Pereira, Barbara Ianni, Paula Buck, Marilia Bommana, Pajrawa Lakireddy, New York, NY, USA

557 - N-Acetylcycteine Reverses Peroxyxinitrite and Hydrogen Peroxide-Induced Apoptosis of Human Myocardial Cells
Saifei Liu, John Horowitz, University of Adelaide, Adelaide, Australia, Basil Hetzel Institute, Woodville, Australia
558 - Association of Humanin a Novel Mitochondrial Protein With Human Heart Failure: An Assessment of Mortality and Clinical Biomarkers
Satinder Panjwani, Jennifer D. Hwang, Hemalatha Narayanamsy, Luanda Grazette, Jeffrey Tran, Pinchas Cohen, Junxian Wang, Keck School of Medicine, University of Southern California, Los Angeles, CA, USA

559 - Evaluation of Cardiac Biomarkers of Fibrosis Differentiates Between Heart Failure Patients With Preserved or Reduced Ejection Fraction
Evangelos Oikonomou, Gerasimos Siassos, Konstantinos Mourouzis, Efstatios Dimitropoulos, Savvas Mazaris, Evanthia Bletsa, Maria-Paraskevi Panoila, Panagiota Stampouloglou, Angeliki Papastavrou, Eleni Kokkou, Sotiros Tsalamandris, Georgia Vogiatzi, Marina Zaromytidou, Manolis Vavuranakis, Dimitris Tousoulis, First Cardiology Unit, Hippokration University Hospital, Athens, Greece

562 - Impact of Air Pollution on Myocardial Remodeling in Chagas' Disease
Keila Fonseca, Fernanda Pessoa, Charles Mady, Viviane Hotta, Orlando N. Ribeiro, Fabio Fernandes, Barbara Ianni, Paulo Saldiva, Felix Ramires, Heart Institute, São Paulo, Brazil

563 - A Tale of 480 Genes Clinical Utility and Application of Cardiovascular Genetic Testing
Julie Kaylor, Gerald Schaefer, Noelle Danylchuk, Rebecca Suphenn, Alexandra Obregon-Tito, Anna Strang, InformedDNA, St. Petersburg, FL, USA, University of Arkansas for Medical Sciences, Little Rock, AR, USA

564 - Novel Alpha-Acinin 2 Mutations Are Associated With Cardiomyopathy and Hypertrophy in Human Cardiac Tissue and iPS-Derived Cardiomyocytes
Malene Lindholm, Han Zhu, Yong Huang, Euan A. Ashley, Matthew Wheeler, Stanford University, Stanford, CA, USA

565 - Soluble TNFR1 as a New Novel Biomarker of Cardio-Renal Dysfunction
Veena Rao, Matt Griffin, Devin Mahoney, James Fleming, Peri Shamlan, Parinitha Raghavendra, Nicole Gomez, Megan Pattoli, Brendan Stewart, Griffin Struyk, Joslyn Barnett, Anvin Thomas, Luis Guerrero, Lesley Inker, Jeffrey M. Testani, Yale University, New Haven, New Haven, CT, USA

Interventional Cardiology - Poster Contributions
Session #1300
Interventional Cardiology: Complex Patients/Comorbidities 5
Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall F
CME Hours: /CNE Hours:

001 - Small-Vessel Percutaneous Coronary Intervention With Platinum Chromium Everolimus Eluting Stents: Insights From the Pooled Platinum Diversity and Promus Element Plus Post-Approval Studies
Paul Guedeney, Rishi Chandiramani, Bimmer Claessen, David Kandzari, Melissa Aquino, Scott Davis, Luis Tami, John Wang, Islam Othman, Osvaldo Gigliotti, Amir Haghighat, Sarahjeet Singh, Mario Lopez, Gregory Giugliano, Phillip Horwitz, Dominic Allocco, Ian Meredith, Paul Underwood, Roxana Mehran, Icahn School of Medicine at Mount Sinai, New York, NY, USA

005 - Impact of Gender and Race on Outcomes After Complex Percutaneous Coronary Intervention With the Platinum-Chromium Everolimus-EIuting Stent: A Pooled Analysis of the Platinum Diversity and Promus Element Plus Post-Approval Studies
Sherif Elsayed, Wayne Batchelor, Bimmer Claessen, Paul Guedeney, David Kandzari, Melissa Aquino, Scott Davis, Luis Tami, John Wang, Islam Othman, Osvaldo Gigliotti, Amir Haghighat, Sarabjeet Singh, Mario Lopez, Gregory Giugliano, Phillip Horwitz, Dominic Allocco, Ian Meredith, Paul Underwood, Roxana Mehran, Icahn School of Medicine at Mount Sinai, New York, NY, USA

006 - Gender Differences in Baseline Characteristics Do Not Predict Early Outcomes After Percutaneous Coronary Intervention: Results From the Australian Genesis Cardiovascular Outcomes Registry (GCOR)
Andre Conradie, Stephen G. Worthley, Enayet Chowdhury, Tony Rafter, Alan Whelan, David Eccleston, GenesisCare, Sydney, Australia, University of Melbourne, Melbourne, Australia

007 - Predictors of Recurrent In-Stent Restenosis After Paclitaxel-Coated Balloon Angioplasty in Patients With Renal Failure Receiving Hemodialysis
Atsuji Sakata, Kazushige Kadota, Yasushi Fuku, Hirotyuki Tanaka, Seiji Habara, Hideowo Amano, Shunsuke Kubo, Masanobu Ohyya, Takenobu Shimada, Akimune Kuwayama, Kohei Osakada, Makoto Takamatsu, Koya Okabe, Kurashiki Central Hospital, Kurashiki, Japan

008 - Incidence and Prevalence of Spontaneous Coronary Artery Dissection in British Columbia
Andrew Starovoytov, Mazhar Parvand, Karin Humphries, Ashkan Parsa, Jacqueline Saw, University of British Columbia, Vancouver, Canada

013 - Post-Acute Care Needs Are Associated With Increased One-Year Mortality Rates in PCI Patients
Kristine Falk, Samuel Savitz, Sally Stearns, Jason P. Fine, Lexie Grove, Joseph Rossi, University of North Carolina, Chapel Hill, NC, USA

014 - Combined Vascular Brachytherapy and Stenting For Treatment of In-Stent Restenosis
Yuefeng Chen, Kyle Buchanan, Nauman Khalid, Evan Shlomfritz, Micaela Iantorno, Deepakraj Gajana, Jiaxiang Gai, Rebecca Torguson, Toby Rogers, Itsik Ben-Dor, Lowell Satler, Ron Waksman, MedStar Washington Hospital Center, Washington, DC, USA

Interventional Cardiology - Poster Contributions
Session #1301
Interventional Cardiology: Coronary Intervention: Left Main, Multivessel, Bifurcation 3
Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall F
CME Hours: /CNE Hours:

003 - Relationship Between Length of Hospital Stay and 3-Year Outcomes After Left Main Revascularization: The EXCEL Trial
Jaya Chandrasekhar, Adrian Banning, Roxana Mehran, Zixuan Zhang, Ori Ben-Yehuda, Ovidiu Dressler, A. Kappetein, Patrick Serruys, Joseph Sabik, Gregg Stone, Cardiovascular Research Foundation, New York, NY, USA

004 - Modified Jailed Balloon Technique For Coronary Bifurcation Lesions
Hung Manh Pham, Quang Nguyen, Wnat Minh Pham, Huu Tuan Nguyen, Phuong Trong Do, Hanoi Medical University, Hanoi, Viet Nam, Vietnam National Heart Institute, Hanoi, Viet Nam
009 - Effectiveness of Paclitaxel-Coated Balloon Angioplasty For Drug-Eluting Stent Restenosis in the Left Main Coronary Artery
Makoto Takamatsu, Arata Sano, Kohei Osakada, Reo Hata, Akimune Kuwayama, Ryosuke Murai, Katsuya Miura, Masanobu Ohyo, Takenobu Shimada, Hidewo Amano, Shunsuke Kubo, Masatomo Ozaki, Mituru Yoshino, Koshi Miyake, Yuichi Kawase, Noriyuki Ohashi, Hiroshi Tatsaka, Seiji Habara, Hiroyuki Tanaka, Takeshi Maruo, Yasushi Fuku, Harumi Katoh, Tsuyoshi Goto, Kazushige Kadota, Kurashiki Central Hospital, Kurashiki, Japan

010 - Safety and Efficacy of Transradial Versus Transfemoral Access For Percutaneous Coronary Intervention of Unprotected Left Main Disease: A Meta-Analysis
Aravdeep Jhand, Muhammad Ahsan, Abhishek Thandra, Dinesh Reddy Apala, Toufic Mahfood Haddad, Venkata Alla, Creighton University School of Medicine, Omaha, NE, USA

011 - Impact of Clinical Presentation, Lesion Complexity, and Treatment Strategies on Mid-Term Outcomes After Percutaneous Interventions in Coronary Bifurcations: A Retrospective Analysis From the Euro Bifurcation Club Registry

012 - Bifurcation Lesion Stenting and In-Hospital Mortality in Patients With Acute ST-Elevation Myocardial Infarction in Cardiogenic Shock
Nene Ugoeke, Firas Ajam, Obiora Maludum, Hetai Mahida, Renato Apolito, Jersey Shore University Medical Center, Neptune, NJ, USA

013 - Impact of Coronary Artery Calcification in Patients Undergoing Revascularization For Left Main Coronary Artery Disease: Insights From the EXCEL Trial
Sabato Sorrentino, Roxana Mehran, Gennaro Giustino, Mengdan Liu, David Kandzari, Marie C. Morice, Anthony Gershlick, Ovidiu Dressler, Joseph Sabik, A. Kappetein, Patrick Serruys, Gregg Stone, Cardiovascular Research Foundation, New York, NY, USA

Interventional Cardiology - Poster Contributions
Session #1302

Interventional Cardiology: Aortic Valve Disease 5
Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall F
CME Hours: /CME Hours:

016 - Machine Learning Using Similarity Analysis Improves Risk Stratification Beyond Surgical Risk Scores in Patients Undergoing Transcatheter Aortic Valve Replacement
Yasir Abdul Ghaffar, Faizan Shaukat, Anand Desai, Muhammad Khalil, Mohamad Alikhouli, Bryan Raybuck, Vinay Badhwar, Partho Sengupta, West Virginia University, Morgantown, WV, USA

017 - Predicting Permanent Pacemaker Need After Transcatheter Aortic Valve Replacement by Assessing Post-Deployment Atrial Pacing Response: A Multi-Center Study
Amar Krishnaswamy, Yasser Sammour, Amer Kadri, Antonette Karrthik, Kinjal Banerjee, Najdat Bazrabashi, Mampreet Kaur, Megan Lyden, Stephanie Mick, Lars Svensson, Grant Reed, Antonio Mangieri, Samir Kapadia, Azem Latib, Cleveland Clinic Foundation, Cleveland, OH, USA, San Raffaele Hospital, Milan, Italy

018 - In-Hospital Outcomes of Transcatheter Aortic Valve Replacement Compared With Surgical Valve Replacement in Patients With Cancer: A National Inpatient Sample Database Study
Ezequiel Munoz, Xavier Andrade, Juan Del Cid, Jose Sleiman, Andres Mendez, Miguel Salazar, Christian Torres, Alok Uprety, Vatsala Katryar, Cezar Iliescu, Tochi Okwuosa, John H. Stroger, Jr. Hospital of Cook County, Chicago, IL, USA

019 - Efficacy and Safety of Transcarotid Transcatheter Aortic Valve Replacement in 495 Patients: A Systematic Review
Tamuncinemi Bob-Manuel, Amit Nanda, Cynthia I. Anunobi, Jose Tafur Soto, James Jenkins, Uzoema Ibebuogu, University of Tennessee Health Science Center, Memphis, TN, USA, Ochsner Clinic Foundation, New Orleans, LA, USA

020 - Long Chain Acylcarnitines Predict Recovery of Left Ventricular Function After Transcatheter Aortic Valve Replacement For Severe Aortic Stenosis
Nilay Patel, Qiong Yang, Deborah Furman, Laurie Farrell, Morningstar Jordan, Xu Shi, Robert Gersten, Brian Lindman, Sammy Elmariah, Massachusetts General Hospital, Boston, MA, USA

021 - Identification of Centers of Excellence For TAVR: An Assessment of the Current Paradigm Based on Procedure Volumes
Rohan Khera, Kevin Kennedy, Sanjeeb Das, Harun Kundi, Jordan Strom, Jeffrey Poppma, Robert Yeh, University of Texas Southwestern Medical Center, Dallas, TX, USA, Beth Israel Deaconess Medical Center, Boston, MA, USA

022 - 1-Year Results of Transcatheter Aortic Valve Replacement in Extremely Large Anulii >683 mm² With Edwards Sapien 3 Valve: A Multicenter Experience

023 - Novel Predictors of New Persistent Left Bundle Branch Block and Permanent Pacemaker Implantation After Evolut R TAVR
Syed Zaid, Miriam Brinkert, Hasan Ahmad, Ryan Kaple, Cenaq Undemir, Martin Cohen, Steven Lamsan, Aasa Khan, Jason Kovacik, George Dangas, Samir Sharma, Annapoorna Kini, Stefan Toggweiler, Gilbert Tang, Mount Sinai Medical Center, New York, NY, USA, Westchester Medical Center, Valhalla, NY, USA

024 - Presence of Heart Failure With Reduced Ejection Fraction Is Associated With Increased Mortality and Morbidity in Patients Undergoing Transcatheter Aortic Valve Replacement: An Insight From Most Recent National Inpatient Database (2016)
Vivek Modi, Dhruvajyoti Bandyopadhyay, Hassan Beydoun, Faris Haddadin, Alba Munoz Estrella, Ruchit Shah, Eyal Herzog, Mount Sinai St.Luke’s-West Hospital, New York, NY, USA

025 - Biomechanics of the Reduced Leaflet Motion and Thrombosis After Transcatheter Aortic Valve Replacement in 495 Patients: A Systematic Review
Jai Parekh, Arun Kanmanthereddy, Abdulgani Saadi, Jitendra Pandya, Creighton University Medical Center, Omaha, NE, USA
028 - Transcatheter Aortic Valve Replacement Outcomes: Insight From the National Cardiovascular Data Registry
Raza Yunus, Talal Alzahrani, Joseph Forgione, James McCaffrey, Adebayo Christian Atanda, Joseph Krepp, Ramesh Mazhari, Christian Nagy, Jonathan Reiner, George Washington University Hospital, Washington, DC, USA

029 - Ten Years of Transcatheter Aortic Valve Replacement Under Local Anaesthesia: Safety and Efficacy up to 5 Years Follow-Up
Ganesh Manoharan, Paul Brennan, Mark Spence, Colum Owens, Nicola Johnston, Ross Mcmullan, Reuben Jeganathan, Royal Victoria Hospital, Belfast, United Kingdom

030 - Prognostic Implications of Discharge Patterns After Transcatheter Aortic Valve Replacement
Satya Shreenivas, Scott Lilly, Susheel Kodali, Vinod Thurani, Michael Mack, David Cohen, Ashin Ehsan, Hitamir Gurum, Jeffrey Carson, Shafigh Mamdani, Herbert D. Aronow, Alpert Medical School of Brown University, Providence, RI, USA

032 - Prognosis Based on Characteristics of Non-Treated Edge Dissections as Detected by Optical Coherence Tomography
Mariusz Tomanaki, Laurens J. C. Zandvoort, Maria N. Tovar Forero, Ken Masjedi, Lisanne Visseren, Karen Witberg, Jurgen Ligthart, Miguel M. Lemmert, Roberto Diletti, Jeroen Wilschut, Peter de Jaegere, Felix Zijlstra, Nicolas Van Mieghem, Joost Daemen, Erasmus Medical Centre, Rotterdam, The Netherlands

033 - Contrast-Induced Nephropathy in Hemodynamically Stable Patients Undergoing Percutaneous Coronary Intervention: Does Left Ventricular End Diastolic Pressure Matter?
Justin Heizer, Muhammad Khan, Emilio Exaire, Zachary Gertz, Richard Cooke, Barbara Lawson, Luis Guzman, Virginia Commonwealth University, Richmond, VA, USA

034 - Do Obese Americans Have Larger Radial Arteries Than the Nonobese?
Jianli Niu, Jonathan Roberts, Memorial Healthcare System, Hollywood, FL, USA

035 - Bleeding and Vascular Complications During Cardiac Catheterization Using Conventional Radial Access Versus "Safe" Femoral Access
Daniel J. Krause, Ghazwan Elias, Carmel Moazee, Vicken Zeitjian, Mehrdad Saririan, Creighton University Maricopa Medical Center, Phoenix, AZ, USA

036 - Extracorporeal Cardiopulmonary Resuscitation For In-Hospital Cardiac Arrest: Pros and Cons
Shiksha Joshi, Manpreet Sira, Maya Guglin, University of Kentucky, Lexington, KY, USA

037 - Comparison of Two Radial Hemostasis Techniques, Catechol Conjugated Chitosan-Based Pad (InnoSEAL) With Compression Band: A Randomized Controlled Trial
Saadia Sattar, Saba Aijaz, Zohaib Akhter, Chang Kim, Moon Sue Lee, Rehan Malik, Asad Pathan, Tabba Heart Institute, Karachi, Pakistan

038 - Post PCI Complication: Left Atrial Intramural Hematoma
Akhil Rasim Reddy, St. Mary’s Hospital, Athens, GA, USA

Interventional Cardiology - Poster Contributions Session #1304
Interventional Cardiology: ACS/AMI/Hemodynamics and Pharmacology 3
Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall F
CME Hours: /CNE Hours:

039 - Characteristics and Outcomes of Patients With Cardiogenic Shock Complicated by Acute Kidney Injury Requiring Hemodialysis
Oluwole Adegbala, Chakradhari Inampudi, Emmanuel Akintoye, Razan Elsayed, Christina Jara, Karlene Williams, Dinesh Voruganti, Luis Aponso, Alexandros Briassoulis, Department of Internal Medicine, Englewood Hospital and Medical Center, Seton Hall University-Hacken, Englewood, NJ, USA, Section of Heart Failure and Transplant, University of Iowa Hospitals & Clinics, Iowa City, IA, USA

042 - Long-Term Use of Oral Beta-Blocker in Patients With Acute Myocardial Infarction Who Underwent Primary Coronary Intervention: A Systematic Review and Meta-Analysis
Wasawat Vutthikrai, Pattana Rattanawong, Saranapoom Klomjit, Pakpoom Tantrachoti, Narut Prasitlumkum, Prapaipun Putthapiban, Mohamed Elmassry, Pablo Paz, Mohammad Ansari, Scott Shmur, Texas Tech University Health Sciences Center, Lubbock, TX, USA

043 - Coronary Microvascular Dysfunction Is Induced by Hemodynamic Instability: Quantitation by Controlled Flow Infusion
Robert Schwartz, Jon Hoem, Nikola Sesarovic, Oliver Bludau, Mareike Gaste, Esther Gerteis, Blathnadd Feldman, Jonathan Schwartz, Martin Rothman, Minneapolis Heart Institute Foundation and University of Minnesota, USA, Division of Surgical Research, University Hospital Zurich, Zurich, Switzerland

044 - Routine Ultrasound-Guided Basilic Venous Access With 7F Catheters For Right Heart Catheterization
Olabisi Akanbi, Nitheeshaa Ganta, Hilda Mariana Gonzalez Bonilla, Urooj Fatima, Wande Benka-Coker, Isaac Opoku-Asare, Howard University Hospital, Washington, DC, USA

045 - 30-Day Readmissions Following Spontaneous Coronary Artery Dissection: Insights From the Nationwide Readmissions Database 2010-2014
Tara Shah, Ming Zhong, Dmitriy Feldman, Robert Minutello, Harsimran Singh, Geoffrey Bergman, Shing-Chiu Wong, Jim Cheung, Luke Kim, NewYork Presbyterian Hospital - Weill Cornell Medical Center, New York, NY, USA

046 - The Effect of Sex on Door-to-Balloon Time in Patients Presenting With STEMI and Referred For Primary PCI: A Systematic Review and Meta-Analysis
Shubham Sharma, Nawid Sayed, Joseph Abunassar, Wael Abuzeid, Queen’s University, Kingston, Canada

047 - Survival to Discharge in ST Elevation MI Patients With Cardiogenic Shock Undergoing Percutaneous Left Ventricular Assist Device and PCI: Experience Does Matter
Tariq Ali Ahmad, Ryan Wilson, Jovan Plamenac, Sumeet Lal, Brent Dembo, James Kogut, Chad Zack, Penn State Milton Hershey Medical Center, Hershey, PA, USA
048 - Trend in Death Rate Overtime Following Percutaneous Coronary Intervention in Patients Stratified by Presentation
Ron Waksman, Deepakaraj Gajanana, Itsik Ben-Dor, Rebecca Torguson, Lowell Satler, Paul Kolm, Micaela Iantomto, Toby Rogers, Yuefeng Chen, Jaffar Khan, Evan Shlofmitz, Anees Musallam, Nauman Khalid, William Weintraub, MedStar Washington Hospital Center, Washington, DC, USA

049 - Clinical Outcomes at 2 Years of the Absorb Biodegradable Vascular Scaffold Versus the Xience Drug-Eluting Metallic Stent in Patients Presenting With Acute Coronary Syndrome Versus Stable Coronary Disease: Aida Trial Sub-study
Ruben Tijssen, Rene J. van der Schaaf, Robin Kraak, Laura S. M. Kerkmeijer, Sjoerd H. Hofma, Karin Arkenbout, Auke P. J. D. Weevers, Yoshinobu Onuma, Patrick Serruys, Marcel Beijk, Jan Baan, Maartje Vis, Karel T. Koch, Jan Piek, Jan Tijssen, José Henriques, Robbert de Winter, Joanna Wykrzyszowska, Amsterdam University Medical Centers, Amsterdam, The Netherlands, Onze Lieve Vrouwe Gasthuis, Amsterdam, The Netherlands

050 - A Case Series of Adenosine Induced Reduction in Coronary Flow in the Infarct Related Artery of Patients Presenting With Stemi
Muhammad Aetseem-ur-Rahman, Joel Giblett, Nick West, Stephen Hoole, Royal Papworth Hospital, Cambridge, United Kingdom

Interventional Cardiology - Poster Contributions Session #1305

Interventional Cardiology: Coronary Intervention: Devices 3 Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall F
CME Hours: /CNE Hours:

051 - Initial Experience With a Mechanical Aspiration Catheter For Thrombus Removal During Percutaneous Intervention: A Multicenter Retrospective Case Series
Santhosh Jay Mathews, Christopher Brown, Brian Kolski, Vasco Marques, Andrew Huynh, Suhail Dohad, Manatee Memorial Hospital, Bradenton, FL, USA, Cedars-Sinai Medical Center, Los Angeles, CA, USA

052 - Long-Term Clinical Outcome of Sirolimus Coated Balloon Angioplasty in Patients With Coronary Atherosclerosis
Bernardo Cortese, Sameer Dani, San Carlo Clinic, Milan, Italy, Life Care Institute of Medical Sciences & Research & Apollo Hospitals International Limited, Ahmedabad, India

053 - Sirolimus Coated Balloon For the Management of Coronary In-Stent Restenosis: Long Term Clinical Results From NONULATE Study
Alexandre Abizaid, Sameer Dani, Dante Pazzanese Hospital of Cardiology, São Paulo, Brazil, Life Care Institute of Medical Sciences & Research & Apollo Hospitals International Limited, Ahmedabad, India

054 - Clinical Outcomes of Newer-Generation Versus Second-Generation Drug-Eluting Stent Implantation in Patients With Coronary Artery Disease: Retrospective Analysis of Real-World Data
Yuki Sato, Shota Okuno, Takayuki Ishihara, Osamu Iida, Mitsutoshi Asai, Masaharu Masuda, Shin Okamoto, Kiyonori Nanto, Takashi Kanda, Takuya Tsujimura, Yasuhiro Matsuda, Hiroyuki Kawai, Aki Tsuji, Yosuke Hata, Hiroyuki Uematsu, Naoko Higashino, Taku Toyoshima, Toshiaki Mano, Kansai Rosai Hospital, Amagasaki, Japan

055 - Long-Term Australian Biodegradable Scaffold Outcomes Following Withdrawal From Market: A Report From the Victorian Cardiac Outcomes Registry
Luke Dawson, Diem Dinh, Stephanie Montalto, Angela Brennan, Harriet Carruthers, Janine Doyle, Ron Dick, Robert Gooley, Jack Gutman, Stephen Duffy, Jeffrey Lefkovits, Department of Cardiology, Royal Melbourne Hospital, Melbourne, Australia, Department of Epidemiology and Preventative Medicine, Monash University, Melbourne, Australia

056 - Clinical Outcomes of Patients With Coronary Bypass Venous Graft Intervention: A Comparison Between Filter and Non-Filter Cohorts
Krunalkumar Patel, Amikumar Patel, Akash Doshi, Anmol Singh, Perwaiz Meraj, Northwell Health, Manhasset, NY, USA

057 - Predictors of In-Hospital Mortality in Patients With Acute ST Elevation Myocardial Infarction and Cardiogenic Shock Requiring Percutaneous Left Ventricular Assist Device Placement
James Kogut, Brent Dembo, Jovan Plamenac, Sumeet Lall, Ryan Wilson, Tariq Ali Ahmad, Chad Zack, Penn State Milton S. Hershey Medical Center, Hershey, PA, USA

058 - National Age Related Outcomes in Patients With ST Elevation Myocardial Infarction and Cardiogenic Shock That Underwent Percutaneous Left Ventricular Support Device Placement
Sumeet Lall, Ryan Wilson, Tariq Ali Ahmad, Brent Dembo, James Kogut, Jovan Plamenac, Chad Zack, Penn State University Hershey Medical Center, Hershey, PA, USA

059 - Nationwide In-Hospital Mortality and Complications in Patients With Cardiogenic Shock and ST Elevation Myocardial Infarction That Underwent Percutaneous Left Ventricular Support Device Placement
Brent Dembo, James Kogut, Sumeet Lall, Tariq Ahmad, Ryan Wilson, Chad Zack, Penn State Hershey Medical Center, Hershey, PA, USA

060 - Trends in Left Ventricular Assist Device Use in Patients With Cardiogenic Shock in the Setting of ST Elevation Myocardial Infarction
Brent Dembo, James Kogut, Ryan Wilson, Sumeet Lall, Tariq Ahmad, Chad Zack, Penn State Hershey Medical Center, Hershey, PA, USA

061 - Long-Term Follow-Up After Treatment of Drug-Eluting Stent Restenosis and De Novo Lesions Using SeQuent Please Paclitaxel-Coated Balloons
Dai Zhang, Yan Sun, Xiaoli Liu, Yuijie Zhou, Beijing Anzhen Hospital, Beijing, People’s Republic of China

Sunny Goel, Ravi Teja, Elina Zakin, Srilekha Sharma, Bilal Malik, Sergey Ayzenberg, Robert Frankel, Jacob Shani, Umesh Gidwani, Maimonides Medical Center, Brooklyn, NY, USA, Icahn School of Medicine at Mount Sinai, New York, NY, USA

Interventional Cardiology - Poster Contributions Session #1306
Interventional Cardiology: IVUS and Intravascular Physiology 4
Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall F
CME Hours: /CNE Hours:

063 - Inter-Observer Differences in Interpretation of Pressure-Wire Pullback Traces
Takayuki Warisawa, James P. Howard, Christopher Cook, Yousif Ahmad, Shunichi Ido, Masafumi Nakayama, Sonoka Goto, Yohei Yakuta, Kenichi Karube, Fumiyasu Seike, Teruyoshi Uetani, Tadashi Murai, Yuetsu Kikuta, Yasutugu Shiono, Yoshiaki Kawase, Toshiaki Kihara, Takumi Higuma, Yuki Ishibashi, Hisao Matsuda, Hidetaka Nishina, Hitoshi Matsuo, Javier Escaned, Darrel Francis, Yoshihiro Akashi, Justin Davies, Imperial College London Hammersmith Hospital, London, United Kingdom, St. Marianna University School of Medicine, Kawasaki, Japan

064 - Oral Calcium Supplements Associate With Serial Coronary Calcification: Insights From Intravascular Ultrasound
Najdat Bazarbashi, Rishi Puri, Stephen Nicholls, Julie St. John, Mohamed Gad, Manpreet Kaur, Antoanette Karthik, Yasser Sammour, Keerat Rai Ahuja, E. Murat Tuzcu, Steven Nissen, Samir Kapadia, Cleveland Clinic Foundation, Cleveland, OH, USA
065 - Prevalence of Neoatherosclerosis in Very Late Follow-Up of Second-Generation Drug-Eluting Stents
Zhaoqiang Chen, Mitsuki Matsumura, Gary Mintz, Masahiko Noguchi, Mingyou Zhang, Lei Song, Dong Yin, Ziad Ali, Craig Porter, Elizabeth Haag, Jane Cao, Allen Jeremias, Richard Shlomfritz, Akiko Maehara, Cardiovascular Research Foundation, New York, NY, USA

066 - Distinct Clinical and Physiological Subtypes of Coronary Microvascular Dysfunction
Haseeb Rahman, Faisal Khan, Matthew Ryan, Howard Ellis, Brian Clapp, Andrew Webb, Divaka Perera, King’s College London, London, United Kingdom

067 - Detection of Lipid in Coronary Arteries Using Photothermal Optical Coherence Tomography
Nitesh Katta, Andrew Cabe, Taylor Hoyt, Austin B. McElroy, Marc Feldman, Coherence Tomography

068 - Coronary Microvascular Endothelial Dysfunction Is Associated With Advanced Coronary Plaque Characteristics in Patients With Early Coronary Atherosclerosis
Shigeo Godo, Michel Corban, Takumi Toya, Rajiv Gulati, Lilach Lerman, Amir Lerman, Department of Cardiovascular Medicine, Mayo Clinic, Rochester, MN, USA

069 - Endothelium-Dependent Coronary Microvascular Dysfunction Is Associated With Advanced Coronary Plaque Characteristics in Patients With Nonobstructive Coronary Atherosclerosis
Shigeo Godo, Michel Corban, Takumi Toya, Rajiv Gulati, Lilach Lerman, Amir Lerman, Department of Cardiovascular Medicine, Mayo Clinic, Rochester, MN, USA

070 - Predicting the Location and Morphology of Chronic Total Occlusion Proximal Cap Using Intravascular Ultrasound Imaging From a Side Branch
Yongzhen Fan, Gary Mintz, Masahiko Noguchi, Mingyou Zhang, Myong Hwa Yamamoto, Mitsuki Matsumura, Dimitrios Karmpaliotis, He Huang, Akiko Maehara, Cardiovascular Research Foundation, New York, NY, USA, Xiangtan Central Hospital, Xiangtan, People's Republic of China

071 - Difference Between Coronary Angioscopy and Optical Coherence Tomography in the Assessment of Neointimal Findings at Follow Up After Stent Implantation
Nakamura Taichi, Department of Cardiology, Tokyo Medical and Dental University, Tokyo, Japan

072 - Clinical Utility of Combined Optical Coherence Tomography and Near-Infrared Spectroscopy for Assessing the Mechanism of Very Late Stent Thrombosis
Yasushi Ino, Takashi Kubo, Kosei Terada, Kunihiro Shimamura, Amir Khalifa Mahfouz, Yoshiaki Matsuo, Hironori Kitabata, Yasutsugu Shiono, Masahiro Takahata, Yosuke Katayama, Hiroki Emori, Atsushi Tanaka, Takeshi Hozumi, Takashi Akasaka, Wakayama Medical University, Wakayama, Japan

Evan Shlomfritz, Paige Claire, Hector Garcia Garcia, Varinder Singh, Ziad Ali, William Skinner, Andre Artis, Tim Ten Cate, Rui Wang, Sean Madden, Priti Shah, Quan Zou, James Muller, Carlo Di Mario, Rebecca Torguson, Ron Waksman, MedStar Washington Hospital Center, Washington, DC, USA

074 - Periarterial Neovascularization and Attenuated-Signal Plaque Predict Long-Term Mortality After Heart Transplantation: Risk Stratification With IVUS-Determined Coronary Inflammatory Findings
Kuninobu Kashiyama, Kozo Okada, Hideki Kitahara, Ryo Kameda, M. Brooke Hollak, Helen Luikart, Paul Yock, Alan Yeung, Peter Fitzgerald, Kiran Khush, William Fearon, Yasuhiro Honda, Stanford University, Stanford, CA, USA, Stanford Cardiovascular Institute, Stanford, CA, USA

Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Poster Contributions
Session #1324
Non Invasive Imaging: CT/Multimodality, Angiography, and Non-CT Angiography 5
Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall F
CME Hours: /CNE Hours:

313 - Endothelial Shear Stress Derived From Serial Noninvasive Coronary CTA: Effect of Wall Elasticity in a Feasibility Study
Parastou Eslami, Alison Marsden, Justin Tran, Janet Lo, Romina Sotoodeh, Ahmet Coskun, Peter Stone, Udo Hoffmann, Michael Lu, Massachusetts General Hospital, Boston, MA, USA

314 - Deep Learning Based Automatic Segmentation of Cardiac Computed Tomography
Gurpreet Singh, Subhi Alaref, Gabriel Malikai, Mohit Pandey, Alexander van Rosendaal, Benjamin Lee, Jing Wang, Zhouran Xu, James Min, Weill Cornell Medicine, New York, NY, USA

315 - Focal Left Ventricular Intramycocardial Fat on Ct in Stable Chest Pain: Insights From PROMISE (Prospective Multicenter Imaging Study For Evaluation of Chest Pain)
Julia Karady, Thomas Mayrhofer, Borek Foldyna, Maros Ferencik, Michael Lu, Yasuka Kikuchi, Alexander Ivanov, Stefan B. Puchner, Hamed Emami, Nandini Meyersohn, Daniel Bittner, Pal Maurovich-Horvat, Pamela Douglas, Udo Hoffmann, Cardiac MR PET CT Program, Massachusetts General Hospital – Harvard Medical School, Boston, MA, USA

316 - Aged Garlic Extract Reduces Low Attenuation Plaque in Coronary Arteries of Patients With Diabetes in a Prospective Randomized Double-Blind Study
Kashif Shaikh, Lavanya Cherukuri, Divya Birudaraju, Rine Nakashini, Shone Almeida, Eranthi Jayawardena, Chandana Shekar, Ferdinand Flores, Sajad Hamal, Salman Sheikh, Amit Johanis, Benedict C. Matthew Budoff, Los Angeles Biomedical Institute, Torrance, CA, USA

317 - Cardiac Computed Tomography Angiography at Sea
Richard Alfred Stoebner, Travis Harrell, Ronald J. Willy, Amber N. Dechambeau, Daniel B. Hawley, Naval Medical Center San Diego, San Diego, CA, USA

318 - Gender Differences in Plaque Characteristics by Coronary Computerized Tomographic Angiography
Michael Ashbrook, A. Neil Bilolikar, Yeriko Vargas, Robert Podolsky, Beaumont Health, Royal Oak, MI, USA

319 - Aortic Valve Calcium Score: A Strong Predictor of Severity of Aortic Stenosis in Patients With Low Flow, Low Gradient Reduced Ejection Fraction Population
Siddharth Reddy, Rohan Trivedi, Jeff Mueller, Tim Mickus, Moneal Shah, Allegheny General Hospital, Pittsburgh, PA, USA

320 - Tissue Tracking CT Myocardial Strain in Patients With Abnormal Coronary Calcium Score
Erasmo De La Pena-Almaguer, José Gildardo Paredes-Vázquez, Luis Gerardo Tellez, Mariana Vanoye-Tamez, Marcelo García-Pablos, Vicente Jimenez Franco, Tec Salud Tecnologico de Monterrey, Monterrey, Mexico
321 - Role of Multimodality Imaging Prior to Balloon Sizing For Planned Percutaneous Pulmonary Valve Implantation
Srutl Rao, Patcharapong Suntharos, Wei Liu, Paul Schoenhagen, Sarah Worley, Rukmini Komaru, Cleveland Clinic Children’s Hospital, Cleveland Clinic Foundation, Cleveland, OH, USA

Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Poster Contributions
Session #1325
Non Invasive Imaging: Nuclear 3
Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall F
CME Hours: /CNE Hours:

322 - Positron Emission Tomography Improves Noninvasive Identification of Patients With Angiographically Confirmed Left Main Disease
Ashwath Kumar, Firas Al Badarin, John A. Spertus, Arthur McGhie, Mohamed Omer, Laith Derbas, Ahmed Elkaryoni, Bader Madoukh, Krishna Patel, Brett Sperry, Ibrahim Saeed, Timothy Bateman, Saint Luke’s Hospital, Kansas City, MO, USA, University of Missouri Kansas City, Kansas City, MO, USA

323 - Phase Analysis Using Low Dose 99mTc Gated-SPECT Detects Significant Non Invasive Imaging
Sakura Nagumo, Yasuyuki Suzuki, Naoya Matsumoto, Yasuo Okumura, Showa University Fujigaoka Hospital, Yokohama, Japan

324 - Myocardial Blood Flow and Tracer Washout Rate in 13N-Ammonia Positron Emission Tomography Imaging Predict VIability in Ischemic Cardiomyopathy
Dominik C. Benz, Paola Ferro, Nico A. Scha, Moritz Schwyzer, Dimitri Patrki, Elia von Felten, Christel H. Kamami, Andreas Giannopoulos, Christoph Grani, Catherine Gebhard, Aju Paul Pazhenkottil, Philipp A. Kaufmann, Ronny Buechel, Department of Nuclear Medicine, Cardiac Imaging, University Hospital Zurich, Zurich, Switzerland

325 - Predictors of Change in PET Myocardial Flow Reserve Following Heart Transplantation
Jessica R. Golbus, Andre Zapico, Richard Weinberg, Venkatesh Murthy, Matthew Konerman, University of Michigan, Ann Arbor, MI, USA

326 - Usefulness of Combined Analysis of Absolute and Relative Parameters Using 13N-Ammonia Positron Emission Tomography For Detection of Significant Coronary Artery Disease
Tatsuya Shigematsu, Hideki Okayama, Naoto Kawaguchi, Shinsuke Kido, Yosei Iseki, Kenschou Matsuda, Tetsuya Aono, Yuta Tanaka, Saki Hosokawa, Tetsuya Kosaki, Ko Kawamura, Yoshitaka Kawada, Go Hiasa, Tadakatsu Yamada, Hiroshi Matsuoka, Yukio Kazatani, Ehime Prefectural Central Hospital, Matsuyama, Ehime, Japan

327 - Type 2 Myocardial Infarction Risk Stratification Via Myocardial Perfusion Imaging
Ramey Marshall, Chad Colon, Christopher Roth, Ayman Farag, Ami Iskandrian, Fadi Hage, University of Alabama at Birmingham, Birmingham, AL, USA

328 - The Impact of Nuclear Imaging in Patients With ‘Possible’ Infective Endocarditis in Routine Clinical Practice
Amit Kaur, Margaret Gunning, Amanda Fife, Ranjit Deshpande, Max Baghai, Nicola Mulholland, Gillian Vivian, Philip MacCarthy, Olaf Wendler, Mark Monaghan, Jonathan Byrne, Rafal Dworakowski, King’s College Hospital NHS Foundation Trust, London, United Kingdom

329 - Initial Results From a Newly Established Solid State SPECT Myocardial Flow Quantification Program
Ricardo Nieves, Joseph Dietz, Prem Soman, University of Pittsburgh Medical Center, Pittsburgh, PA, USA
338 - Cardiac Magnetic Resonance Imaging Feature Tracking Strain as a Sensitive Marker of Cardiotoxicity in Breast Cancer Patients Compared With Left Ventricular Ejection Fraction  
Jennifer Kwan, Amit Arbune, Mariana Henry, David Dupree, Aaron Soufer, Lauren Baldassarre, Yale University, New Haven, CT, USA

339 - Non-Contrast Cardiac Magnetic Resonance Based Detection of Myocardial Damage Using Myocardial Strain Analysis  
Jennifer Erley, Natalia Tapaskar, Nazia Alvi, Nina Rashidi, Davide Genovese, Stephanie A. Besser, Sebastian Kelle, Keigo Kawaji, Neha Goyal, Roberto Lang, Victor Mor-Avi, Amit Patel, University of Chicago, Chicago, IL, USA, German Heart Center Berlin, Berlin, Germany

340 - Quantification of Aortic Regurgitation Severity and Resultant Impact on Left Ventricular Remodeling: A Comparative Study of Echocardiography and Cardiac Magnetic Resonance Imaging  
Albree Tower-Rader, Yash Kumar, Nancy Obuchowski, Eoin Donnellan, Louis Williams, Zoran Popovic, Michael Bolen, DermoT Phelan, Scott Flamm, Brian Griffin, Leslie Cho, Lars Svensson, Gosta Pettersson, Deborah Kwon, Cleveland Clinic, Cleveland, OH, USA

341 - Gender Differences in Left Ventricular Remodeling in Patients With Aortic Regurgitation: Is There a Need For Gender Specific Thresholds For Surgical Intervention?  
Albree Tower-Rader, Yash Kumar, Nancy Obuchowski, Eoin Donnellan, Louis Williams, Zoran Popovic, Michael Bolen, DermoT Phelan, Scott Flamm, Brian Griffin, Leslie Cho, Lars Svensson, Gosta Pettersson, Deborah Kwon, Cleveland Clinic, Cleveland, OH, USA

342 - Electrocardiogram Abnormalities and the Presence of Myocardial Scar in Patients With Duchenne Muscular Dystrophy  
Courtney Thomas, Kan Hor, Nationwide Children’s Hospital, Columbus, OH, USA

343 - Quantitative Assessment of Energy Efficiency by 4D-Flow MRI in the Extracardiac Fontan Circulation  
Taichi Nakamura, Kiyohiro Takigiku, Satoshi Yasukochi, Kohta Takei, Toru Okamura, Kanazawa University Hospital, Kanazawa, Japan, Nagano Children’s Hospital, Azumino City, Japan

344 - Validation and Quantification of Myocardial Fibrosis With Cardiac Magnetic Resonance and Left Ventricular Myocardial Biopsy  
Muzna Hussain, Eoin Donnellan, Carmela Tan, E. Rene Rodriguez, Chris Watson, Christine Moravec, Wai Hong Tang, Edward Softesz, Gosta Pettersson, Brian Griffin, Patrick Collier, Deborah Kwon, Sydell and Arnold Miller Family Heart and Vascular Institute, Cleveland Clinic, Cleveland, OH, USA, Queens University, Belfast, United Kingdom

345 - Prognostic Impact of Right Ventricular Dysfunction in Patients With Advanced Ischemic Cardiomyopathy: Sex-Related Differences  
Ramya Vajpaye, Natalie Ho, Juljana Conic, Nancy Obuchowski, Nathaniel Lee, Sophia Downey, Leslie Cho, Brian Griffin, Scott Flamm, Wilson Tang, Deborah Kwon, Cleveland Clinic Foundation, Cleveland, OH, USA

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

Session #1328

Non Invasive Imaging: Echo 5  
Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.  
Poster Hall, Hall F

CME Hours: /CNE Hours:

346 - Predictive Value of Left Ventricular Diastolic Chamber Stiffness in Patients With Severe Aortic Stenosing Undergoing Aortic Valve Replacement  
Vidhu Anand, Rosalyn Adigun, Christopher Kane, Patricia Pellicka, Yuvisile NKomo, Sorin Pislaru, Kevin Greason, Jeremy Thaden, Cristina Pislaru, Mayo Clinic, Rochester, MN, USA

347 - Relationship Between Global Longitudinal Strain and Left Ventricular Diastolic Function  
Brian Yu, Isabelle Lin, Betty Cornish, Katherine Lin, Linus Park, Gerardo Perla, Steve Lin, University of Chicago, Chicago, IL, USA, Cardiovascular Ultrasound Laboratory, Saint Joseph Hospital, Lexington, KY, USA

348 - Changes in Left Ventricular Diastolic Function With Contemporary Breast Cancer Therapy  
Jenica Uphaw, Brian Finkelman, Rebecca Hubbard, Amanda Smith, Hari Narayan, Linzi Arndt, Susan Dombek, Angela DeMichele, Kevin Fox, Payal Shah, Amy Clark, Angela Bradbury, Jennifer Matro, Srinath Adusumalli, Joseph Carver, Bonnie Ky, University of Pennsylvania, Philadelphia, PA, USA, Tufts Medical Center, Boston, MA, USA

349 - Correlation Between Echocardiographic Diastolic Assessment and Catheter-Measured Left Ventricular End Diastolic Pressure in Patients With Takotsubo Cardiomyopathy  
Josh Epstein, Carlos Oviedo, Riyad Y. Kherallah, Luis Afonso, Wayne State University, Detroit, MI, USA

350 - Myocardial Work: A Novel Index of Left Ventricular Systolic Function in South Asian Half-Marathon Runners Correlated With Echocardiographic and Clinical Variables  
Renuka Jain, Shantanu Sengupta, Susan Olet, Nitin Burkule, Bijoy Khandheria, Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA, University of Wisconsin School of Medicine and Public Health, Milwaukee, WI, USA

351 - Gender Differences in Morphology, Dysfunction, Aortopathy, and Surgical Outcomes of Bicuspid Aortic Valve  
Yijia Li, Weiguo Ma, Yue Qi, Junming Zhu, Lizhong Sun, Ya Yang, Beijing Anzhen Hospital, Capital Medical University, Beijing, People's Republic of China

352 - A Novel Method For Estimating Pulmonary Vascular Resistance by Echocardiography Independent of Tricuspid Regurgitation  
Ythan Goldberg, Rony Wiener, Sandhya Murthy, Montefiore Medical Center-Albert Einstein College of Medicine, Bronx, NY, USA

353 - Left Ventricular Stroke Volume Assessment by Automated Three Dimensional Color Flow Doppler Echocardiography: A Reliable Alternative to Two Dimensional Pulse Doppler Echocardiography  
Abhinav Sharma, Deborah Kwon, Scott Flamm, Richard Grimm, Cleveland Clinic Heart and Vascular Institute, Department of Cardiovascular Medicine, Cleveland, OH, USA

354 - Reliability of Echocardiographic Assessment of Mean Pulmonary Artery Pressure Compared to Right Heart Catheterization: A Single Center Experience  
Jonathan Michael Wong, Sima Manavi, Shudhanshu Alishetti, David Luke, Bruce Brent, Richard Shaw, Andrew Rosenblatt, California Pacific Medical Center, San Francisco, CA, USA

355 - Value of Aortic Plaque in Predicting Left Atrial Appendage Thrombus in Low Risk Patients Undergoing Electrophysiological Procedures  
Samah Alkharji, Michelle Samuel, Mohamed Al Rawahi, George Thanassoulis, Martin L. Bernier, Thao Huynh, Vidal Essebag, Jacqueline Joza, McGill University Health Center, Montreal, Canada

356 - Hypotensive Response During Dobutamine Stress Echocardiography in Patients Undergoing Orthotopic Liver Transplantation Is Predictive of Long-Term Mortality  
Kajal Shah, Ahmad Alkhalil, Joe Dzierzawiec, Neil Nadpara, Richard Hajjar, Shervin Golbari, Shashank Jain, Christine Gerula, Julius Gudin, Marc Klapholz, Rutgers New Jersey Medical School, Newark, NJ, USA
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| #1332 | Representation of Cardiovascular Disease Patients in Pivotal Clinical Trials Supporting Modern Cancer Therapies  
Daniel Addison, Janice Bonsu, Lawrence Charles, Avirup Guha, Farrukh Awan, Hani Jneid, Jennifer Woyach, Ohio State University, Columbus, OH, USA |
| #1333 | A Breath Towards a Healthier Heart: Using Respiratory Physiology to Understand and Prevent Cardiovascular Disease  
Suuuya Krishnan, Raquel Farias, Jean Bourbeau, McGill University, Montreal, Canada |
| #1334 | Reporting of Cardiovascular Events in Clinical Trials Supporting FDA-Approval of Contemporary Cancer Drugs  
Daniel Addison, Janice Bonsu, Lawrence Charles, Avirup Guha, Brandee Baker, Jennifer Woyach, Farrukh Awan, Kerry Rogers, Maryam Lustberg, Raquel Reinbolt, Jonathan Brammer, Eric Miller, Hani Jneid, Electra Paskett, Ohio State University, Columbus, OH, USA |
| #1335 | Can Breastfeeding Prevent Diabetes Mellitus in Women: A Dose Response Meta-Analysis  
Haitham M. Ahmed, Rabea Misbah, Simrat Kaur, Taha Ahmed, Sarah Misbah, Muhammad Khan, Haris Riaz, Cleveland Clinic, Cleveland, OH, USA |
| #1336 | Is the Incidence Rate of ASCVD Events in the Placebo Arm of Randomized Trials Associated With the Treatment Effect of Aspirin For Primary Prevention? A Meta-Regression Analysis  
Matthew Nudy, Jennifer Cooper, Mehrdad Ghalramami, John Mandrola, Andrew Foy, PennState Health, Hershey Medical Center, Hershey, PA, USA |
| #1337 | Exposure to Heavy Metals May Increase Cardiovascular Risk by Elevation of Serum Lipid levels and Hemoglobin a1c: A National Health and Nutrition Examination Survey Based Study  
Olaide Buhari, Adebayo Christian Atanda, Talal Alzharani, Robert Faillace, Jacobi Medical Center/Albert Einstein College of Medicine, New York, NY, USA |
| #1338 | Acute Cardiovascular Effects of Energy Drinks in Healthy Subjects: A Randomized Trials  
Alexandre M. Benjo, Valentina Jaramillo, Fadi Atassi, Francisco Nascimento, Stephen M. Fenton, Millie Arora, Nathan Wong, Heidi Gransar, Alan Rozanski, Andrew Foy, PennState Health, Hershey Medical Center, Hershey, PA, USA |
| #1339 | Association Between Depression, and Post‐Traumatic Stress Disorder of a Predominantly Middle‐Aged Population  
Gauri Dandi, Iffat Chowdhury, Keith Burkhart, Karim Calis, Ana Szarfman, Tian Xin, Eileen Navarro Almario, Tejas Patel, Jerome Fleg, Anna Kettermann, Gauri Lolley, Jonathan Ludmir, Stanley Liu, University of Maryland Medical Center, Baltimore, MD, USA |
| #1340 | Isolated Systolic Hypertension Is More Prevalent in Persons With Diabetes  
Masood Younus, Wenjun Fan, Nathan Wong, Stanley Franklin, University of California, Irvine Division of Cardiology, Orange, CA, USA |
| #1341 | The Control Rate For Patients With Essential Hypertension in Chinese Adults: A Real Word Study Based on the Electronic Health Records of 544,892 Community Residents  
Ying Wang, Zhiliang Wang, Xin Liu, Chunxiao Xing, Zemin Kuang, Xiangyu Guo, Lijun Wang, Institute for Network Sciences and Cyberspace, Tsinghua University, Beijing, People's Republic of China, Research Institute of Information Technology, Tsinghua University, Beijing, People's Republic of China |
| #1342 | Mid‐Day Sleep Effects as Potent as Recommended Lifestyle Changes in Patients With Arterial Hypertension  
Leonidas Poulimenos, Manolis Kallistratos, Pavlos Tsimizov, Nikolaos Kouremenos, Nestoras Kontogiannis, Andreas Pittaras, Andreas Triantafyllis, Aggeliki Koukouzeli, Konstantinos Kyfmidis, Athanasios Manolis, “Asklepeion” General Hospital, Voula, Greece |
| #1343 | Hypertension in Mild to Moderate Chronic Kidney Disease and the Relationship Between Depression, and Post‐Traumatic Stress Disorder of a Predominantly Middle‐Aged Population  
Rupa L. Iyengar, Cynara Maceda, Ramita Gowda, Mary Ann McLaughlin, Icahn School of Medicine at Mount Sinai, New York, NY, USA |
| #1344 | National Trends and Outcomes of Essential Hypertension on Emergency Departments in USA  
Anandbir Bath, Furqan B. Irfan, Saurabh Aggarwal, Jagadeesh Kalavakunta, Vishal Gupta, Western Michigan University School of Medicine, Kalamazoo, MI, USA |
| #1345 | Predictors of All‐Cause Mortality in the SPRINT Trial Identified by Machine Learning  
| #1346 | Isolated Diastolic Hypertension in the United States: Analysis From the National Health and Nutrition Examination Survey  
Gaurav Aggarwal, Mary Abed, Saurabh Aggarwal, Venkata Alla, Jersey City Medical Center, Jersey City, NJ, USA, Creighton University School of Medicine, Omaha, NE, USA |
| #1347 | Adoption of Continuous Beat‐to‐Beat Nocturnal Blood Pressure Measurement in Ambulatory Blood Pressure Monitoring  
Sebastian Estrada, Younghoon Kwon, Martin Baruch, Elizabeth Harrison, Ronald Williams, Yeilim Cho, David Gerdt, Heather Bonner, Sula Mazimba, Richard Berry, University of Virginia, Charlottesville, VA, USA |

**Prevention - Poster Contributions**

**Session #1332**  
**Prevention: Hypertension**  
**Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.**  
**Poster Hall, Hall F**  
**CME Hours: /CNE Hours:**

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| Transferrin Receptor 1 Heterozygous Deleted Mice Did Not Affect Blood Pressure in the Development of Diabetic Mellitus  
Seiki Yasumura, Yoshiro Naito, Keisuke Okuno, Yuki Matsumoto, Masanori Asakura, Masaharu Ishihara, Cardiovascular Division, Department of Internal Medicine, Hyogo College of Medicine, Nishinomiya, Japan |
447 - Efficacy of a Technology-Enabled, Home-Based Cardiac Rehabilitation Program
Clare McDermott, Ciara McCormack, Jomme Claes, Luari McDermott, Olrigh O'Shea, Roselien Buys, Noel O'Connor, Noel McCaffrey, Davide Susta, Alison Sheerin, Anne Gallagher, Ivan Cassery, Helen Newton, Brendan Mcdam, Catherine Woods, Veronique Cornelissen, Kieran Moran, Niall Moyna, Dublin City University, Dublin, Ireland, KU Leuven, Leuven, Belgium

448 - Systemic Oxidative Stress Is Associated With Lower Aerobic Capacity and Impaired Skeletal Muscle Energy Metabolism in Patients With Heart Failure
Takashi Yokota, Shintaro Kinugawa, Hiroyuki Tsutsui, Hokkaido University, Sapporo, Japan

Pulmonary Hypertension and Venous Thromboembolic Disease - Poster Contributions
Session #1341
Pulmonary Hypertension and Venous Thromboembolic Disease 5
Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall F
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480 - Development of a Prediction Model For Recurrence Risk After Incident Venous Thromboembolism: A Danish Nationwide Cohort Study
Ida Ehlers Albertsen, Mette Søgaard, Samuel Goldhaber, Gregory Piazza, Thure Filsok Overvad, Lars Hviildt Rasmussen, Torben Bjerring Larsen, Peter Brønnum Nielsen, Department of Cardiology, Aalborg University Hospital, Aalborg, Denmark, Division of Cardiovascular Medicine, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA

481 - Demographic and Classification Differences Between First-Line Pulmonary Arterial Hypertension Patients (PAH) on Upfront Combination Therapy in the US and EU3 (Italy, United Kingdom, and Germany)
Nicole Allie, Denay Rogers, Arina Rosli, Sarah Brown, Ipsos Healthcare, London, United Kingdom

482 - Apixaban Discontinuation Prior to Major Surgery: Results From a Prospective Single Center Study
Edwin Lam, Luis Eraso, Taki Galanis, Walter Kraft, Geoffrey Ouma, Lynda Thomson, Eugene Viscusi, Douglas Stickle, Jerald Gong, Suzanne Adams, Geno Merli, Thomas Jefferson University Hospital, Philadelphia, PA, USA

483 - Venous Thromboembolism in Therapeutic Hypothermia After Cardiac Arrest
Toishi Sharma, Jordan Kunkes, Ibrahim Waleed, David O'Sullivan, Antonio Fernandez, Hartford Hospital, Hartford, CT, USA

491 - Paradoxical Protective Effect of Obesity on the Risk of Venous Thromboembolism: Observations From APEX Trial
Arzu Kalayci Karabay, C. Michael Gibson, Gerald Chi, Fahad Alkhalfan, Anmol Pitiya, Sargun Singh Wala, Tarek Nafee, Mahshid Mir, Syed Hassan Abbas Kazmi, Iqra Qamar, Adrian Hernandez, Russell Hull, Alexander (Ander) Cohen, Robert Harrington, Samuel Goldhaber, Beth Israel Deaconess Medical Center, Boston, MA, USA, Harvard Medical School, Boston, MA, USA

492 - Ultrasound-Facilitated Thrombolysis and Rheolytic Thrombectomy in Patients With Pulmonary Embolism at High Risk or Intermediate-High Risk: A Single-Center Experience
Ozgur Akbal, Changir Kaymaz, Aykun Hagkor, Sedat Tanyeri, Ali Karagoz, Berhan Keskin, Hacer Ceren Tolgoz, Seyhmus Kulahticoglu, Emrah Erdogan, Sevim Turkyay, Halil Tanboga, Cem Dogan, Zubeyde Bayram, Rezzan Deniz Acar, Nihal Ozdemir, University of Health Sciences, Kosyolu Heart Education and Research Hospital, Istanbul, Turkey, Hisar Intercontinental Hospital, Istanbul, Turkey

494 - Pulmonary Diastolic Decay Time Is A Novel Index Associated With Severe Hemodynamic Impairments in Patients With Pulmonary Hypertension
Sula Mazimba, Priscilla Baafi, Shuthi David, Manu Mysore, Douglas Sawch, Corey Benjamin, Nishaki Mehta, Jawed Butler, Jose Tallaj, Jamie Kennedy, Andrew Mihailek, John Hossack, Khadijah Breathett, Kimberly Chadwell, Kenneth Bilchick, University of Virginia, Charlottesville, VA, USA

Special - Poster Contributions
Session #1307
ACC International Conferences Best Posters
Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall F
CME Hours: /CNE Hours:

085 - The Idiopathic Pulmonary Artery Hypertension With Severe Tricuspid Regurgitation
Sang Hyun Lee, Yong Hyun Park, Soon Myung Jung, Soo Young Lee, Jun Wan Kim, Su Ji Kim, Geon Woo Lee, Eun Jeong Son, Jong Suk Oh, A. Reum Kim, Ga Yun Kim, Cheol Min Lee, Bon Jin Koo, Pusan National University Yangsan Hospital, Yangsan, South Korea

086 - Simultaneous Use of Mechanical Circulatory Support and Catheter-Directed Thrombolysis For Massive Pulmonary Embolism
Saba Assar, Haydar Ali, Joseph Chatthai, Beaumont Health, Dearborn, MI, USA, Florida State University College of Medicine - Tallahassee Memorial Health Care (TMH), Tallahassee, FL, USA

087 - Systemic Embolization of Metastatic Breast Cancer Through Pulmonary Vein
Megan Gruber, Aniruddha Singh, Samuel Hardcastle, Rishi Agarwal, Juli Rao, University of Rochester Medical Center, Rochester, NY, USA, Florida State University College of Medicine - Tallahassee Memorial Health Care (TMH), Tallahassee, FL, USA

089 - Here’s a Clot, There’s a Clot, Everywhere a Clot, Clot: Giant Left Atrial Thrombus With Acute Pulmonary Embolism and Lower Extremity Venous Thrombus - Late Onset Antiphospholipid Syndrome (APS)
Deepthi Upparapalli, Jesus Vargas, Hafsa Tariq, Haitham Dib, Atlanticare Regional Medical Center, Atlantic City, NJ, USA

090 - Atrial Myxoma Mimicking Mitral Valve Stenosis Leading to Pulmonary Hypertension
Muhammad Shabbir Rawala, Syed Rizvi, Rapides Regional Medical Center, Alexandria, LA, USA

091 - Impending Paradoxical Embolism Treated With Thrombolytic Therapy
Christopher Perry, Phillip Brandon Maharrey, Ellen Keeley, University of Florida, Gainesville, FL, USA

092 - Vacuum-Assisted Thrombectomy of a Right Atrial Fat Embolism After Hip Surgery
Asth Tejpal, Varun Shah, Chad Kliger, Mina Bushra, Priti Mehla, Lenox Hill Hospital, New York, NY, USA
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<td>Everett Lai, Shudhanshu Alishetti, Jonathan Wong, Lejla Delic, Andrew Rosenblatt, Glenn Egrie, California Pacific Medical Center, San Francisco, CA, USA</td>
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<td>Nissi Sharon Suppogu, Haider Aldiwani, Odayme Quesada, Janet Wei, Kana Ueda, Takafumi Yamane, Yuka Aguru, Miyuki Shibata, Kobe City General Hospital, Kobe, Japan</td>
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<td>Leah Chasm-Velasco, Lauren Hamm, Julia Moore, Monica Cluff, Hartford Hospital, Hartford, CT, USA</td>
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<td>Symptomatic Myocardial Bridging and Coronary Vasomotor Dysfunction</td>
<td>Nissi Sharon Suppogu, Rosni Jain, Haider Aldiwani, Janet Wei, Chrisandra Shufelt, Timothy Henry, C. Noel Bairey Merz, Cedars Sinai, Los Angeles, CA, USA</td>
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<td>Dexter Jacob, Sung-Hae Cho, Drexel University College of Medicine</td>
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<td>Christina Dookhan, Carlos Alfonso, Alan Schob, Medical College of Georgia, Augusta, GA, USA, University of Miami Miller School of Medicine, Miami, FL, USA</td>
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<td>Nchang Taka, Megan Toole, Myrna Alexander Nickens, The University of Mississippi Medical Center, Jackson, MS, USA</td>
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<td>Bharath Raju, Sharon Choi, Andy Lee, Anas Hamadeha, Baylor Scott and White Health, Dallas, TX, USA</td>
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<td>Ahmed AlBadri, Janet Wei, R. David Anderson, John Petersen, Carl J. Pepine, C. Noel Bairey Merz, Emory University School of Medicine, Atlanta, GA, USA, Smidt Heart Institute, Los Angeles, CA, USA</td>
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<td>Adil Pervaiz, Moustafa Elshehstawy, H. Sudhakar Prabhu, Krishna Anurag Pulumati, Coney Island Hospital, Brooklyn, NY, USA</td>
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<td>Fulminant Rheumatoid Heart Disease</td>
<td>Jessica Meyer, Clay Barbin, S. Shiva Patilolla, Joseph Guileyardo, William Roberts, Georges Feghal, Baylor University Medical Center, Dallas, TX, USA</td>
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<td>Sarvar Ijaz, Mohamad Khattab, Isma Javed, Jesinta Stephenson, Hunter Rhodes, Lyndsey Jones, Karen Beckman, Oklahoma University Health Sciences Center, Oklahoma City, OK, USA</td>
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<td>Swathi Kovelamudi, Rimsha Hasan, B. Pail, Naga Venkata Pothineni, University of Arkansas for Medical Sciences, Little Rock, AR, USA</td>
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<td>Something Should Not Be There</td>
<td>Thinnakrit Sasiprapha, Teerapat Yingchoncharoen, Krissa Meemook, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand</td>
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<td>Linda Njoroge, George Augustine Koromia, Bankim Patel, Marshall University, Huntington, WV, USA</td>
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<td>Shudhanshu Alishetti, Peter Hui, California Pacific Medical Center, San Francisco, CA, USA</td>
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<td>A Case Report: Near-Infrared Spectroscopy Ultrasonography Can Detect the Plaque Stabilization of Non-Culprit Lesion in Acs Patients by the Combination Therapy of Pcsk9 Inhibitor and Statin</td>
<td>Noriyuki Wakana, Hideo Tsubata, Ken Zen, Kyoto Prefectural University of Medicine, Kyoto, Japan</td>
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<td>Challenging Case of a Rare Coronary Anomaly Presenting With STEMI</td>
<td>Sharan Rufus Ponniah, Rene Cuadra, Pradeep Manoharan, Rizwan Sardar, Aultman Hospital/NEDMED, Canton, OH, USA</td>
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<td>Just Another Patient With Chest Pain... Think Again!</td>
<td>Pooja Swamy, Aditya Bharadwaj, Purvi Parwani, Joshua Coney, Neeraj Bansal, Ramesh Bansal, Loma Linda University Health, Loma Linda, CA, USA</td>
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116 - Severe Compression of the Left Circumflex Coronary Artery by a Large Sinus of Valsalva Aneurysm
Marinos Charalambous, Nicholas Chan, David Fuschetto, Orlando Fuschetto, John Makaryus, North Shore University Hospital - Northwell Health, Manhasset, NY, USA

117 - To Intervene or Not to Intervene? Acute Left Main Thrombus in a Patient With Left Ventricular Assist Device and Non ST Elevation Myocardial Infarction
Taha Ahmed, Haris Riaz, Joseph Martin, Jerry D. Estep, Cleveland Clinic Foundation, Cleveland, OH, USA

118 - Acute Coronary Syndrome in a Teenager: Importance of Recognizing Early Onset Coronary Artery Disease
Umai Tarig, David Stern, James Gabriels, North Shore University Hospital, Manhasset, NY, USA

119 - Myocardial Infarction: Causes Beyond Atherosclerosis
Maya Abdallah, Jaime Hernandez-Montfort, UMMMS-Baystate, Springfield, MA, USA, The University of Texas Medical Branch - Galveston, Galveston, TX, USA

120 - Sinuses of Valsalva Aneurysm Presenting as an Acute Coronary Syndrome: What Are the Odds
Abdalla Hassan, Sakeina Howard-Wilson, June Mbae, Bryan Dolan, Nikolaos Kavouros, Gerard Aurigemma, Brigid Carlson, UMass Medical School, Worcester, MA, USA

Special - Poster Contributions
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FIT Clinical Decision Making: Congenital Heart Disease 5
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Poster Hall, Hall F
CME Hours: /CNE Hours:

121 - Persistent ALCAPA Physiology After ALCAPA Repair
Tina Shal, Louai Razzouk, Muhamed Saric, Adam Skolnick, Didier Loulmot, Dan Halpern, NYU Medical Center, New York, NY, USA

122 - A Rare Case of Extensive Coronary Artery Fistulae
Muhammad Asif Mangi, Adam Martin, Daniel Kosinski, University of Toledo, Toledo, OH, USA

123 - Examination Trumps Echo: Pursuit of Etiology of Murmur Leads to the Discovery of a Large Coronary Fistula
Chelsey Chenavar, Amina Adil, Steven Port, Eric Weiss, Anthony DeFranco, Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

124 - Pacemaker Implantation in Patient With Persistent Left Superior Vena Cava (SVC) With Absent Right SVC
James Kimber, Syed Rafay Ali Sabzwari, Kailyn Mann, Hiwot Ayele, Babak Bozorgnia, Raman Dusaj, Lehigh Valley Health Network, Allentown, PA, USA

125 - A Missing Chest Piece: A Rare Etiology of Musculoskeletal Chest Pain
Jason Wen, Kristen Brown, Jonathan Hanson, Gurpreet Johal, Joe Calkins, Stuart Cavalieri, Medical College of Georgia - Augusta University, Augusta, GA, USA, Charlie Norwood VA Medical Center, Augusta, GA, USA

126 - Rapid Progression to Complete Heart Block in a Fetus With Endocardial Fibroelastosis
Jennifer Cohen, Miwa Geiger, Shubhika Srivastava, Mount Sinai Medical Center, New York, NY, USA

127 - Symptomatic Double Right Coronary Artery With Inferior Wall Ischemia
Mehran Abolbashar, Subrata Kar, Texas Tech University, El Paso, TX, USA

128 - When Double Trouble Leads to Heart Ache: Wolf-Parkinson White Syndrome and Anomalous Origin of the Left Coronary Artery From the Pulmonary Artery
Neha Gupta, Yayan Sawalha, Allen Taylor, Washington Hospital Center, Washington, DC, USA

129 - Undiagnosed Ventricular Septal Defect Presenting as Gemella Morbillosum Infective Endocarditis
Marc Lee, Saurabh Rajpal, May Ling Mah, Ohio State University Wexner Medical Center, Columbus, OH, USA, Nationwide Children's Hospital, Columbus, OH, USA

130 - Atypical Cause For Typical Chest Pain: A Rare Case of Angina Secondary to Anomalous Coronaries
Momen Banifadel, Ebrahim Sabbagh, Mohammed Awad, Julie Kovach, Anil Mathew, University of Toledo, Toledo, OH, USA

131 - An Unusual Case of Hypertrophic Cardiomyopathy Phenotype
Amina Adil, Renuka Jain, Rahul Sawlani, Patrycja Galazka, Adil Wani, Faraz Nasim Kazmi, Sameh A. Syed, A. Jamil Tajik, Aurora Saint Luke's Medical Center, Milwaukee, WI, USA

132 - His Bundle Pacing Using Retrograde Mapping For a Patient With L-Transposition of Great Arteries
Indrajit Mahata, Scott Macicek, Daniel Morin, Ochsner Clinic, New Orleans, LA, USA

133 - Percutaneous Patent Ductus Arteriosus Closure in a Patient With Adult Congenital Heart Disease With Complex Physiology
Pragya Ranjan, Carly Fabrizio, Neil J. Wimmer, Sourin Banerji, Christiana Care Health System, Newark, DE, USA

134 - Management of an Older Adult With Anomalous Left Coronary Artery From the Pulmonary Artery
Akash Kataruka, Robin Fernandes, Edward Verrier, Eric Krieger, Jonathan Buber, University of Washington, Seattle, WA, USA

Special - Poster Contributions
Session #1312
FIT Clinical Decision Making: Non Invasive Imaging 5
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Poster Hall, Hall F
CME Hours: /CNE Hours:

135 - Enigma of Recurrent Pulmonary Embolism: Artifakc or Mass, Thrombus or Myxoma
Landai Nguyen, Sarina Sachdev, Hassan Tahir, Sajjad Ahmad, Farnoosh Rahimi, Christopher Malozzi, Bassam Omar, University of South Alabama, Mobile, AL, USA

136 - A Rare Case of Complex Ventricular Septal Aneurysm in Association With Bicuspid Aortic Insufficiency in an Adult Patient
Arman Kalamkarian, Balaji Natarajan, Amish Patel, Suneel Kumar, Mir Wasif Ali, Ramdas Pai, University of California, Riverside, Riverside, CA, USA

137 - Diagnostic Evaluation of a Right Atrial Mass With Multimodality Imaging and Endomyocardial Biopsy: A Clinical Conundrum
Neha Maheshwari Mantti, Andrew Ambrosy, Gordon Leung, Kaiser Permanente, San Francisco, CA, USA

138 - Making a Mole Hill Out of a Mountain: A Case of TEE Probe Malfunction Underestimating Mitral Regurgitation
Rene Cuadra, Sharan Rufus Ponniarah, Prabhakaran Gopalakrishnan, Aultman Hospital, Canton, OH, USA
139 - Ibrutinib-Induced Acute Eosinophilic Myocarditis Mimicking Infiltrative Cardiomyopathy  
Nicolas Isaza, Michael Bolan, Brian Griffin, Zoran Popovic, Department of Cardiovascular Medicine, Cleveland Clinic, Cleveland, OH, USA

140 - Rare Neuroendocrine Tumor of the Heart  
Roosha Parikh, Mary Schwartz, Lauri Campagna, Javier Lafuente, Dipan Shah, Houston Methodist DeBakey Heart and Vascular Center, Houston, TX, USA

141 - Chagas Cardiomyopathy Identified on Cardiac Magnetic Resonance Imaging  
Jared Liebelt, Chari Gupta, Amit Pursnani, Evanston Hospital - NorthShore University Health System, Evanston, IL, USA

142 - The Role of Cardiac MRI in the Work Up Severe Non Ischemic Cardiomyopathy  
Ankita Patel, Isaac Soliman, Nadeem Wain, Bijal Mehta, Ankitkumar Patel, Hackensack Meridian Mountainside Medical Center, Montclair, NJ, USA

143 - PET/MRI: A Novel Imaging Modality to Guide Tailored Immunotherapy in Eosinophilic Myocarditis  
Aditya Parikh, Maria Giovanna Trivieri, Anuradha (Anu) Lala, Sumeet Mitter, Brigham and Women's Hospital, Manhassett, NY, USA

144 - What Are You Doing Here? A Dilemma in Left Ventricular Myxoma Management  
Zorana Mrsic, Clayton Brittingham, Geoffrey Cole, Walter Reed National Medical Center, Bethesda, MD, USA

145 - Just Another Case of Endocarditis  
Jennifer Kinaga, Orlando Health, Orlando, FL, USA

146 - Sliding Hiatal Hernia Masquerading as a Left Atrial Myxoma: Advantages of Multi-Modality Imaging  
Alexander Blood, Yee-Ping Sun, David Faxon, Brigham and Women's Hospital, Boston, MA, USA

147 - Constrictive Pericarditis Missdiagnosed as Alcoholic Cirrhosis  
Elyssa Cohen, Monique Bethel, Jayanth Keshavamurthy, Gyanendra Sharma, Augusta University, Augusta, GA, USA

148 - A Case of Acute Fulminant Heart Failure Abated by the Heart Team  
Pedro Covas, Joseph Forgione, Raza Yunus, Rachel Gordezhky, Gurushr Panjrat, Allen Solomon, Andrew Choi, The George Washington University, Washington, DC, USA

149 - Multiple Cerebrovascular Events Due to Embolization From a Severely Calcified Bicuspid Aortic Valve: The “Smoking Gun”  
Cesia Maria Gallegos Kattan, John Elefteriades, Bernardo Lombo, Yale University School of Medicine, New Haven, CT, USA

150 - Double-Chambered Right Ventricle (DCRV): Diagnosing a Rare Case With Appropriate Testing  
Mahboob Ali, David Harris, Robert O'Donnell, University of Cincinnati, Cincinnati, OH, USA

151 - “Missed-Edema” Coma: A Case of Cardiac Tamponade Masked by Myxedema Coma  
Isham Kamat, Farzad Soleimani, Raymond Stainback, Baylor College of Medicine, Houston, TX, USA

152 - Microvascular Obstruction in a Patient Presenting With Lupus Myocarditis and No Evidence of Antiphospholipid Syndrome  
Angel Martin, Michael Gannon, Shahryar Saba, Northshore University Hospital, Manhasset, NY, USA

153 - Missing Vitamin C: A Case of Scorbatic Tamponade  
Abdullahi Oseni, Katherine Harris, Vinesh Melvani, Adam Aronson, Jeffrey Rytlewski, Saed Alnaimat, University of Iowa Hospitals and Clinics, Iowa City, IA, USA

154 - The Day the Heart Wandered Off  
Shaden Khalaf, Brittany Owen, Arunima Misra, Baylor College of Medicine, Houston, TX, USA

155 - Silent Threat: Successful Surgical Treatment of Giant Aortic Aneurysm in a Patient With Marfan’s Syndrome  
America Gwendolyne Urbina Vazquez, Niida Espinola-Zavaleta, Andrés Herrera, Humberto Martínez-Hernández, Susana Ortega Silva, Grecia Iveth Maryelis Raymundo Martínez, Alejandro Arias-Mendoza, Instituto Nacional de Cardiología Ignacio Chávez, Mexico City, Mexico

156 - Atrial Wall Pseudoaneurysm in a Patient With Mitral Valve Endocarditis  
Sujal Modi, Sudarshan Balla, West Virginia University, Morgantown, WV, USA

Special - Poster Contributions Session #1313
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CME Hours: /CNE Hours:

157 - Retrieval of Undeployed Stent From the Left Main During a STEMI Using a Balloon and a Snare  
Sahitya Posimreddy, Bader Abu Ghalyoun, Muhammed Shittu, Zaid Altheeb, Sujal Modi, Biren Patel, Mirette Habib, Fayez Shamon, Saint Joseph University Medical Center, Jersey City, NJ, USA

158 - A Rare Case of Left Atrial Appendage to Pulmonary Vein Fistula Post Watchman Device Placement  
Tehmina Yaqubi, Shobana Iyer, Waqas Siddiqui, Andrea Deneen, Orange Park Medical Center, Jacksonville, FL, USA, First Coast Cardiology Institute, Jacksonville, FL, USA

159 - A Rare Cause of Acute Pulmonary Edema Leading to Success Fulrenal Artery Intervention Post Evar  
Yashwant Agrawal, Mayuri Kulkarni, Rovin Saxena, Karthik Mekala, Michele Degregorio, St. Joseph Mercy Oakland Hospital, Pontiac, MI, USA

160 - Percutaneous Use of the Angiovac System in Endocarditis Patients Who Are Poor Surgical Candidates  
Rudin Gjeka, Kiritkumar Patel, Sruthi Vellanki, Osama Abdel-Hafez, Justin Field, St. Joseph Mercy Oakland, Pontiac, MI, USA

161 - You Better Watch Out!: Acute Management of Transient Shock Secondary to the Bezold-Jarisch Reflex Following Reperfusion of an Inferior Wall STEMI  
Mohammed Shuaib, Michael Beasley, Stelian Marinescu, Beaumont Hospital, Dearborn, MI, USA

162 - Unusual Complication of CABG  
Mathvar Aldaoud, Sunit Tolia, Delano Small, Ascension Providence, Southfield, MI, USA

163 - Management of High On-Treatment Platelet Reactivity to Clopidogrel, Prasugrel and Ticagrelor in the Same Patient  
Sameh Mohareb, Stephen Ramee, Mark B. Effron, Ochsner Medical Center, New Orleans, LA, USA, Ochsner Clinical School - University of Queensland (Australia) School of Medicine, New Orleans, LA, USA
164 - Marijuana-Related ECG Changes: Case Report of Pseudo-Wellens' Syndrome
Araz Baboujian, Saikrishna Patibandla, Kevin Luke Tsai, Constantine Monzidelis Jr., Sivacharan Buddhavarapu, Sarah Reddy, The Brooklyn Hospital Center, Brooklyn, NY, USA, The Mount Sinai Hospital, New York, NY, USA

165 - Atypical Presentation of Non-ST Elevation Myocardial Infarction in a Young Bengali Woman
Talha Mehmood, Irsa Munir, Marie Eloise Pena-Teotico, Suzette Graham-Hill, Shafiq Rehman, SUNY Downstate Medical Center, Brooklyn, NY, USA

166 - Giant Coronary Aneurysms Complicated by Thrombus Formation
Jeannie Yu, Morton Kern, Amit Jain, University of California, Irvine, Orange, CA, USA, Veterans Affairs Long Beach Hospital, Long Beach, CA, USA

167 - Surviving a Stab Wound to the Right Coronary Artery: A Ticking Time Bomb
Chirag Patel, Jaimy Patel, Alex Gold, Abel Moreyra, Rutgers-Robert Wood Johnson Medical School, New Brunswick, NJ, USA

168 - Saphenous Vein Graft Aneurysm Resulting in Extrinsic Pulmonary Artery Compression and Right Heart Failure Requiring Right Ventriculopulmonary Impella Support
Preethi Mani, Amar Krishnaswamy, Shinya Unai, Jennifer Hargrave, Paul Cremer, Cleveland Clinic, Cleveland, OH, USA

**Special - Poster Contributions**

**Session #1314**

**Spotlight on Special Topics: Education and Training**

**Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.**

**Poster Hall, Hall F**

**CME Hours:** /CNE Hours:

169 - Assessing the Quality of Reporting of Harms in Randomized Controlled Trials Published in High Impact Cardiovascular Journals
Muhammad Shahzeb Khan, Asim Sheikh, Rohan Kumar Ochani, Noman Lateef, Kanee Fatima, Safi U. Khan, Rami Doukky, Vincent Figueredo, Richard Krasuski, John H. Stroger Jr. Hospital of Cook County, Chicago, IL, USA, Creighton University Medical Center, Omaha, NE, Tuvalu

170 - A Multi-Disciplinary Technology-Enabled Curriculum For Invasive Hemodynamics in the Cardiovascular Intensive Care Unit
Brian Daniel McCauley, Esseim Sharma, Sena Klic, Bilal Ahmed, Antony Chu, Alpert Medical School, Brown University, Providence, RI, USA

171 - Evolving EKG Reading Skills From Medical School to Residency
Nadew S. Sebro, Bindu Ganapathineedi, Alaap Mehta, Mount Sinai Hospital, Chicago, IL, USA

172 - Comparing Clinical Gaps in CAD Versus PAD: Assessing Knowledge and Competence of Cardiologists
Jelena Spyropoulos, Caroline Padbury, David Anderson, Medscape Education, New York, NY, USA

173 - Simulation in Stroke Prevention in Atrial Fibrillation: Improving the Use of Guideline-Directed Care
Jelena Spyropoulos, Medscape Education, New York, NY, USA

174 - Easing Documentation For Better Communication: Post-Catheterization Note Template Implementation to Improve Post-Procedural Documentation
Mrinalini K. Krishnan, Sudhakar Sattur, Guthrie Robert Packer Hospital, Sayre, PA, USA

175 - Soliciting Fellow Feedback For Didactic and Interactive Summer Core Sessions
Friederike K. Keating, Lakshmi Nambiar, University of Vermont, Burlington, VT, USA

**Special - Poster Contributions**

**Session #1315**

**Spotlight on Special Topics: Shared Decision Making**

**Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.**

**Poster Hall, Hall F**

**CME Hours:** /CNE Hours:

177 - Enhancing Cardiology Fellows' Procedural Informed Consent Discussions Using a Formative Observed Structured Clinical Examination
Sohab Iqbal, Adina Kalet, Barry Rosenzweig, Sondra Zabar, New York University Langone Health, New York, NY, USA

178 - Cognitive Impairment is Very Common Among Patients With Heart Failure Regardless of Ejection Fraction
Aekarach Aryachaipanich, Surachanee Likittanasombat, Nongnapas Assawamasbunie, Angkawipa Trongtorsak, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand

179 - Public Awareness of Non-Vitamin K Oral Anticoagulants Versus Warfarin: An Infodemiology Approach
Arturo Perez-Peralta, Aldo Barajas-Ochoa, Edward Rojas, Maria Diaz-Soto, Giselle Suero-Abreu, Rutgers New Jersey Medical School, Newark, NJ, USA

180 - Spiritual Care Needs of Hospitalized Cardiology Patients: Nursing Perspectives
Arlene Travis, Janice Smolowitz, Beth Oliver, Mount Sinai Hospital, New York, NY, USA, School of Nursing, Montclair State University, Montclair, NJ, USA

**Special - Poster Contributions**

**Session #1316**

**FIT Clinical Decision Making: Arrhythmias and Clinical EP**

**Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.**

**Poster Hall, Hall F**

**CME Hours:** /CNE Hours:

181 - Pericarditis Presenting as Type-1 Brugada Pattern, a Potential First
Seth Klusewitz, Rebecca Seifried, Joseph Lee, Walter Reed National Military Medical Center, Bethesda, MD, USA

182 - Cardiac Arrest Due to Acquired Prolonged QTc From K2 Spice: Secondary ICD Prophylaxis
Talha Ahmed, Ahmed Khan, Shawn Robinson, University of Maryland Midtown Campus, Baltimore, MD, USA, University of Maryland, Baltimore, MD, USA

183 - Gitelman Syndrome: A Shocking Outcome
Salil Saxena, Irfan Siddiqui, Harry DeAntonio, East Carolina University, Greenville, NC, USA

184 - Clonidine For Treatment of Inappropriate Sinus Tachycardia
Patrick Jones, Krishopher Pfriman, Madhav Lavu, The Medical Center, Bowling Green, KY, USA

185 - The Long and Short of It: A Case of Short QT Syndrome With Early Repolarization
Rida Laseq, Nir Ayalon, Ankur Karnik, Boston Medical Center, Boston, MA, USA
186 - Negative Chronotropic Effect and Angina Due to Thalidomide Use
Luis Olmos Dominguez, Milton Ernesto Guevara Valdivia, Jose Oscar Torres Jaimes, Karim Yarek Juarez Escobar, Yitzar Bañuelos Millan, Héctor Hugo Guevara Gasca, Jesus Bueno Campa, Pedro Gerardo Davila Flores, Instituto Mexicano del Seguro Social, Mexico City, Mexico, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico

187 - Trauma Induced Brugada Pattern
Faraz Nasim Kazmi, Amina Adil, Scott Miller, Raymond Kawasaki, Advocate Lutheran General Hospital, Park Ridge, IL, USA, Aurora St. Luke's Medical Center, Milwaukee, WI, USA

188 - Guidelines For ICD in Emery-Dreifuss Muscular Dystrophy
Som Aftabizadeh, Tri Ti, Senthil Thambidorai, Ahsan Khan, Aman Patel, Anand Subramanian, Daniel Jipescu, Medical City Forth Worth, Fort Worth, TX, USA

189 - Recurrent Left Ventricular Lead Induced Ventricular Fibrillation: A Role For His Bundle Pacing
Mohamad-Al IJazayeri, Valay Parikh, Matthew R. Lippmann, Seth H. Sheldon, Madhu Reddy, University of Kansas Medical Center, Kansas City, KS, USA

190 - Ibrutinib and Polymorphic Ventricular Tachycardia: A Potential Association?
Manik Veer, Abhishek Chaturvedi, Jayshiv Badlani, Indu Poornima, Amit Thosani, Allegheny Health Network, Pittsburgh, PA, USA

191 - Syncope in a Young Adult With Kearns-Sayre Syndrome: A Hidden Divya Korpu, Saurabh Shah, Theodore Wang, Advocate Illinois Masonic Medical Center, Chicago, IL, USA

192 - Congenital Long QT Syndrome Type 2: The Case of a Misdiagnosed Arrhythmia and a Near Fall From Death
Paul T. Maddux, Kristen Brown, Haittham Hreibe, Gyanendra Sharma, Medical College of Georgia at Augusta University, Augusta, GA, USA

193 - Atrial-Esophageal Fistula After Catheter Ablation: Diagnosing and Managing a Rare Complication of a Common Procedure
Robby Singh, Elise Landa, Christian Machado, Providence Hospital - Michigan State University, Southfield, MI, USA

194 - Managing a "Knotty" Lead
Sandeep Dayanand, Jasmin Martinez Castellanos, Scott Zalut, Allan Greenspan, Sumeet Mainigi, Einstein Medical Center, Philadelphia, PA, USA

195 - Food For Thought: Atrial Esophageal Fistula Post Atrial Ablation
Wai Tam, Roberts Paul Lee, Marc Iskander, Raul Alonso, Jose Paz, Palmetto General Hospital GME, Hialeah, FL, USA

196 - Wolff-Parkinson-White Syndrome With Rapid Stimulation of Accessory Pathway in the Setting of Atrial Fibrillation and Recent Cocaine Use
Jason M. Cohen, Joshua Raven, Madhav Lavu, Medical Center Bowling Green, Bowling Green, KY, USA

197 - Bundle Branch Reentrant Ventricular Tachycardia After Transcatheter Aortic Valve Replacement
Virginia Workman, James Freeman, John Forrest, Krishna Upadhyaya, Kernllynn Carney, Alan Enriquez, Yale New Haven Hospital, New Haven, CT, USA

198 - Congenital Long QT Syndrome Unmasked in Postpartum Navdeep Tandon, Jessica Kline, Ottorino Costantini, Akron City Summa Hospital, Akron, OH, USA

199 - Rate-Related Left Bundle Branch Block and Cardiac Memory in a Patient Without Ischemic Heart Disease
Saikrishna Patibandla, Constantine Monzidelis Jr, Sivacharan Buddhavarapu, Kevin Luke Tsai, Cesar Ayala-Rodriguez, Sarath Reddy, The Brooklyn Hospital Center, Brooklyn, NY, USA, The Mount Sinai Hospital, New York, NY, USA

200 - A Postpartum Shock: Torres de Pointes in a Multigrida, Multiparous Patient Leading to the Diagnosis of Type 1 Congenital Long QT Syndrome
Mitchell Stelzer, Jordan Luli, Ankur Shah, OhioHealth Doctors Hospital, Columbus, OH, USA

201 - Amiodarone Toxicity: Sooner Than You Expect
Christopher Tanayan, Taranjot Janda, Caitlin Ilkanich, Mary Pastoral, Kevin Silver, Summa Health Heart and Vascular Institute, Akron, OH, USA

202 - A Single Heart Beat Reveals Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy: A Rare But Under-Recognized Clinical Entity
Hetal H. Mehta, Ryan Watson, Reginald Ho, Thomas Jefferson University Hospital, Philadelphia, PA, USA

203 - A Clinical Challenge Overcome by His Bundle Pacing
Hena Patel, Allison Zimmerman, Annabelle Volgman, Tochi Okwuosa, Parikshit Sharma, Rush Medical Center, Chicago, IL, USA

204 - Recurrent Supraventricular Arrhythmia: When Ablation Is Not the Answer - A Perplexing Case of Phenochromocytoma
Sarah Gorgis, Mohammed Dabbagh, Sagger Mawri, Gray Akoegbe, Shaheen Alanee, Khaldoon Alaswad, Ali Dabaja, Bobak Rabbani, Henry Ford Hospital, Detroit, MI, USA

205 - Wide Complex Tachycardia: Same Rate, Same Rhythm
Amartha Kundu, Abdalla Hassan, Aedotoun Ogunsua, David McManus, University of Massachusetts Medical School, Worcester, MA, USA

206 - A Heart Stopping Alarm
Adib M. Chaus, Gabrielle Rubin, James Russell, Nishant Patel, Raymond Kawasaki, Shariff Attaya, Advocate Lutheran General Hospital, Park Ridge, IL, USA

207 - Ventricular Arrhythmia: An Uncommon Initial Presentation of Sarcoidosis
Mohammed Dabbagh, Sarah Gorgis, Sagger Mawri, Gayathri Iyer, Gurjit Singh, Michael Hudson, Henry Ford Hospital, Detroit, MI, USA

208 - Brugada Phenocopy Unmasked After a Motor Vehicle Accident
Sudha P. Jaganathan, Elizabeth K. Powell, Srinivas Rajsheker, Richard Becker, University of Cincinnati College of Medicine, Cincinnati, OH, USA

Special - Poster Contributions
Session #1317
FIT Clinical Decision Making: Heart Failure and Cardiomyopathies 5
Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall F
CME Hours: /CME Hours:

209 - Granulomatosis With Polyangiitis Associated Myocarditis: A Multi-Disciplinary Team Approach
Katherine Nichols, Eric Williams, Alan Kono, Dartmouth Hitchcock Medical Center, Lebanon, NH, USA

210 - An Unintended Consequence of Bariatric Surgery: Cardiac Oxalosis
Adam Caldwell, Alan Hinderliter, Mirnena Byku, Division of Cardiology, University of North Carolina, Chapel Hill, NC, USA
239 - Diagnosis of Aortic Dissection by Cardiac Catheterization: The Wrong Test For a Critical Diagnosis
George Black, Henry Liberman, Emory University, Atlanta, GA, USA

240 - Challenges in Management of Coronary Artery Aneurysms
Sarumathi Thangavel, Namita Joseph, Victor Farah, Allegheny General Hospital, Pittsburgh, PA, USA

241 - Aortic Dissection Presenting as Seizure
Ankit Mahajan, Kimberley Cousins, Funmilola Ogundipe, Iziegb Ehiworok, Alem Mekari, Howard University Hospital, Washington, DC, USA

242 - Not Your Mama’s MI: Chest Pain in a Postpartum Woman
Asad Al Aboud, Jessica Huston, Soo Hyun Kim, Jared O'Leary, Vanderbilt University Medical Center, Nashville, TN, USA

243 - A Young Woman With Post-Prandial Abdominal Pain
Robert Rodriguez, Pedro Santiago Rodriguez, Raul Rinaldi, Angel Galera, Carlos Lugo Olivier, Francisco Perez, Milton Carrero, Hector Martinez-Gonzalez, Helder Hernandez-Rivera, Mayaguez Medical Center, Mayaguez, PR, USA

244 - Arteriovenous Masquerade: The Case of an Arteriovenous Malformation Presenting as Progressive Lymphedema
Randy K. Ramcharitar, Aditya M Sharma, University of Virginia, Charlottesville, VA, USA

245 - Failure of Thrombosis of Cabrol Shunt Leading to Pseudoaneurysm Following aortic Root Surgery in Marfan Syndrome
Subhasree Panchangam, Michael He, Juan Marmol Velez, Chandra Ojha, Tarif Khair, Texas Tech University Health Sciences Center, El Paso, TX, USA

246 - Complicated Case of Triple Valve Endocarditis With Emboli Successfully Treated With Surgery
Usman Mazahir, Aref Obagi, Arthur Okere, Sinan Simr, Jersey Shore University Medical Center, Neptune City, NJ, USA

247 - Q-Fever Endocarditis: Rare But Not Forgotten
M Usman Ghani, Cristina Sanina, Antonio Fojas, Marilou Corpuz, Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY, USA

248 - Early Diagnosis and Management of Carcinoid Valvular Heart Disease
Mohammad Sheikh, Chandana Shekar, Kashif Shaikh, Matthew Budoff, Los Angeles Biomedical Research Institute, Torrance, CA, USA

249 - Impella as a Bridge to Emergent Valve-in-Valve Transcatheter Aortic Valve Replacement in Severe Prosthetic Aortic Valve Stenosis
Abdul Qazi, Nagalakshmi Nagarajan, Amgad Mentias, Musab Alqasrawi, Chad Ward, Sidkapal Panaich, University of Iowa Hospitals and Clinics, Iowa City, IA, USA

250 - Double Valve Replacement Utilizing the LAMPOON Technique
John Cyril Lisko, Norihiko Kamioka, Nabil Sabbak, Isydy Ku, Lucia Alvarez, Patrick Gleason, James Stuart, Adam B. Greenbaum, Vasilis Babaliaros, Emory University, Atlanta, GA, USA

251 - H1N1 Related Acute Respiratory Distress Syndrome in a Patient With Severe Mitral Stenosis: Extra Corporal Membrane Oxygenation and Balloon Mitral Valvuloplasty to the Rescue
Jignesh A. Patel, Abhinav Saxena, Karan Wats, Adnan Sadiq, Gregory Cooke, Maimonides Medical Center, Brooklyn, NY, USA

252 - Don't Go Breaking My Heart: Aortic to Right Atrial Fistula Secondary to Aortic Root Abscess
Mark Saling, Theresa Ratajczak, Wright State University, Dayton, OH, USA

253 - Percutaneous Tricuspid Valve-in-Ring Replacement For the Treatment of Recurrent Severe Tricuspid Regurgitation
Abdul Qazi, Nagalakshmi Nagarajan, Amgad Mentias, Musab Alqasrawi, Chad Ward, Sidkapal Panaich, University of Iowa Hospitals and Clinics, Iowa City, IA, USA

254 - Coronary Sinus Vegetation Secondary to Tricuspid Valve Regurgitation
Mary Caroline Rodriguez Ziccardi, Alina Brenner, Satyajit Reddy, Amer Ardati, University of Illinois at Chicago, Chicago, IL, USA

255 - Successful Valvuloplasty of Severe Mitral Valve Stenosis During Pregnancy
Billy Chen, Zachary Steinberg, Eric Krieger, University of Washington, Seattle, WA, USA

256 - An Intriguing Case of Isolated Severe Tricuspid Regurgitation
Mary Carolina Rodriguez Ziccardi, Alina Brenner, Satyajit Reddy, Amer Ardati, University of Illinois at Chicago, Chicago, IL, USA

257 - A Case of Valve-in-Valve Transcatheter Valve Replacement in Bacterial Endocarditis
Sahab Yeganeh, Stephen Ramee, Jose Tafur Soto, Ochsner Clinic, New Orleans, LA, USA

258 - It All Started With a Sneeze: An Unfortunate Tale of Infective Endocarditis
Subhasree Panchangam, Michael He, Juan Marmol Velez, Chandra Ojha, Tarif Khair, Texas Tech University Health Sciences Center, El Paso, TX, USA

259 - Failure of Thrombosis of Cabrol Shunt Leading to Pseudoaneurysm Following aortic Root Surgery in Marfan Syndrome
Simone Jhaveri, Rukmini Komarlu, Munir Ahmad, Hani Najm, Gosta Pettersson, Kenneth Zahka, Cleveland Clinic Children’s, Cleveland, OH, USA

260 - Cardiac MRI in Assessment of Paravalvular Aortic Regurgitation After Transcatheter Aortic Valve Replacement
Vahai Aman, Yang Zhan, Dipan Shah, Houston Methodist, Houston, TX, USA

261 - Mechanical Mitral Valve Thrombosis and Thrombolyis With Alteplase in a Surgical High Risk Patient
Juan Alan Fuentes Mendoza, Luis Mario Gonzalez Galvan, Rodrigo Zebadua Torres, Jorge Antonio Cervantes Nieto, National Institute of Cardiology Ignacio Chavez, Mexico City, Mexico, Naval Medical Center, Mexico City, Mexico

262 - Native Pulmonary Valve Endocarditis in the Absence of Risk Factors: A Unique Occurrence
Simone Jhaveri, Elizabeth Saarel, Robert Stewart, Rukmini Komarlu, Cleveland Clinic Children’s, Cleveland, OH, USA

263 - A Koi Diagnosis: Achromobacter Xylosoxidans as an Unusual Cause of Mitral Valve Endocarditis
Isaac Tea, Michelle Hadley, Saint Vincent Hospital, Worcester, MA, USA

264 - Percutaneous Therapy of Severe Tricuspid Regurgitation Using Cava Valve Implantation (CAVI)
Sagger Mawri, Dee Dee Wang, Tiberio Frisoli, William O’Neill, Henry Ford Hospital, Detroit, MI, USA
462 - High Prevalence of Rheumatic Heart Disease in 2603 School Children in North-West India With 6 Months and 2 Years Follow-Up: An Echocardiographic Survey
Raja Babu Panwar, Bal Kishan Gupta, Arvind Kumar Sharma, Dinesh Choudhary, Sadik Panwar, Nidhi Priya, Rajeev Gupta, S. P. Medical College, Bikaner, India, RUHS, Jaipur, India

463 - Temporal Trends in Risk Profiles of Isolated Surgical Aortic Valve Replacement Patients
Paige Craig, Toby Rogers, Quan Zou, Rebecca Torguson, Petros Okubagzi, Afshin Ehsan, John Goncalves, Chiwon Hahn, Thomas Bilfinger, Scott Buchanan, Robert Garrett, Vinod Thourani, Paul Corso, Ron Waksman, MedStar Washington Hospital Center, Washington, DC, USA

464 - Left Atrial Enlargement in Children Screened For Rheumatic Heart Disease in Samoa
Marvin R. Allen, Mitchell A. Adams, John Allen, Taylor Awei, Hannah Nyholm, Derek D. Arrington, Lori Allen, Tyler Heaton, Brigham Young University, Provo, UT, USA

471 - Comparison Between Mono or Dual Anti-Platelet Therapy Post Tavr
Daniel Garcia, Mohammad Ansari, Ochsner Heart and Vascular Institute, New Orleans, LA, USA, Texas Tech University Health Science Center, Lubbock, TX, USA

469 - Feasibility and Effect of Remote Ambulatory Heart Rhythm Monitoring Pre and Post Tavi
Jose Winter, Tej Sheth, Jeff Healey, James Velianou, Jon-David Schwalm, Amanda Smith, Sandy Schwenger, Jimmy Poulin, Seleman Reza, Madhu Natarajan, McMaster University, Hamilton, Canada, Hamilton Health Sciences, Hamilton, Canada

470 - Outcomes of Isolated Tricuspid Valve Surgery Have Improved in the Modern Era
Robert Smith, II, Mohanad Hamandi, William Ryan, Laith Batarseh, Anupama Vasudevan, Paul Grayburn, Timothy George, Katherine Harrington, J. Michael DiMaio, Kelly Hutcheson, William Brinkman, Molly Szerlip, David Moore, Michael Mack, Baylor Scott and White The Heart Hospital, Plano, TX, USA

472 - Effect of Different Posterior Mitral Valve Leaflet Prolapse Repair Techniques on Postoperative Left Ventricular Global Longitudinal Strain
Anton Tomsic, Aniek L. van Wijngaarden, Jeroen J. Bax, Victoria Delgado, Robert Klautz, Nina Marsan, Meindert Palmen, Leiden University Medical Center, Leiden, The Netherlands

473 - Current Indications For and Outcomes of Concomitant Tricuspid Valve Surgery
Mohanad Hamandi, Robert Smith, II, William Ryan, Laith Batarseh, Paul Grayburn, Timothy George, Katherine Harrington, J. Michael DiMaio, Kelly Hutcheson, William Brinkman, Molly Szerlip, David Moore, Michael Mack, Baylor Scott and White The Heart Hospital, Plano, TX, USA
Vascular Medicine - Poster Contributions
Session #1334
Vascular Medicine: Endovascular Therapy 3
Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall F
CME Hours: /CME Hours:

449 - National Trends and Outcomes of Peripheral Vascular Intervention in Dialysis Patients With Critical Limb Ischemia
Homam Moussa Pacha, Yasser Al-Khadra, Fahed Darmoch, Mohamad Soud, Amir Kaki, M. Chadi Alraies, MedStar Washington Hospital Center, Washington, DC, USA, Detroit Medical Center, Detroit, MI, USA

450 - Impact of Cardiac Condition on Prognosis in Patients With Critical Limb Ischemia After Revascularization
Taku Toyoshima, Osamu Iida, Mitsutoshi Asai, Masaharu Masuda, Shin Okamoto, Takayuki Ishihara, Kiyonori Nanto, Takashi Kanda, Takuya Tsujimura, Shota Okuno, Yasuhiro Matsuda, Hiroyuki Kawai, Aki Tsuji, Yosuke Hata, Hiroyuki Uematsu, Yuki Sato, Naoko Higashino, Toshiaki Mano, Kansai Rosai Hospital, Amagasaki, Japan

451 - Association of Duration For Renal Replacement Therapy or Serum Phosphorous Level With the Prognosis of Critical Limb Ischemia After Endovascular Therapy
Naoko Higashino, Osamu Iida, Mitsutoshi Asai, Masaharu Masuda, Shin Okamoto, Takayuki Ishihara, Kiyonori Nanto, Takashi Kanda, Takuya Tsujimura, Shota Okuno, Yasuhiro Matsuda, Hiroyuki Kawai, Yosuke Hata, Aki Tsuji, Yuki Sato, Hiroyuki Uematsu, Taku Toyoshima, Toshiaki Mano, Kansai Rosai Hospital, Amagasaki, Japan

452 - One-Year Major Adverse Limb Events and Planned Revascularizations Following Invasive Versus Optimal Medical Therapy For New or Worsening of Claudication Symptoms: Insights From the PORTRAIT Registry
Kim Smolderen, David Saffey, Philip Jones, Manesh Patel, Schuyler Jones, Mehdi Shishehbor, Herbert Aronow, Clementine Labrosciano, Christine Fuss, Kate Scott, Nancy Stone, John A. Spertus, University of Missouri Kansas City, Kansas City, MO, USA, Saint Luke’s Mid America Heart Institute, Kansas City, MO, USA

453 - Outcomes of Hybrid Technique For Aortic Arch Diseases in 379 Consecutive Patients Over A 12-Year Period
Huanyu Ding, Yi Zhu, Emin Xie, Songyuan Luo, Ling Xue, Wenhui Huang, Yuan Liu, Ruixin Fan, Jianfeng Luo, Vascular Center, Guangdong Cardiovascular Institute, Guangdong General Hospital, Guangzhou, People’s Republic of China

454 - Comparison of Operator and Core Lab Assessed Infra-inguinal Peripheral Artery Calcification and Treatment Implications
Bassel Bou Dargham, Bo Sun, Hua Lu, Amutharani Baskar, Ishita Tejani, Subhash Banerjee, University of Texas Southwestern Medical Center, Dallas, TX, USA, North Texas Veteran Affairs Healthcare System, Dallas, TX, USA

Vascular Medicine - Poster Contributions
Session #1335
Vascular Medicine: Basic 4
Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall F
CME Hours: /CME Hours:

455 - The Novel Adipokine C1QTNF1 Significantly Predicts the Incidence of Future Major Cardiovascular Events in Patients With Type 2 Diabetes
Axel Muendlein, Andreas Leherer, Christoph H. Saely, Kathrin Geiger, Eva-Maria Brandtner, Barbara Larcher, Arthur Mader, Peter Fraunberger, Heinz Drexel, VIVIT-Institute, Feldkirch, Austria

456 - Targeted Metabolomics Identifies Elevated Serotonin Levels in Carriers of a TCF7L2 Diabetes-Risk Allele
Andreas Leherer, Axel Muendlein, Kathrin Geiger, Christoph H. Saely, Eva-Maria Brandtner, Barbara Larcher, Arthur Mader, Peter Fraunberger, Heinz Drexel, VIVIT-Institute, Feldkirch, Austria

465 - Safety and Efficacy of Chardon Seed Supplements in Improving Peripheral Vascular Health: A Double-Blinded Randomized Controlled Trial
Michel Corban, Robert Widmer, Makinzee Kazeck, Lilach Lerman, Amir Lerman, Mayo Clinic, Rochester, MN, USA

466 - Improvement of Vascular Response to Ischemia/Reperfusion Injury: Role of the P2Y11 Purinergic Receptor
Marie Piollet, Claudie Lefort, Lauriane Benoist, Stephanie Chadet, Danina Muntean, Gaia Ducu, Adrian Sturza, Denis Angoulvant, Fabrice Ivanes, Laboratoire Transplantation, Immunologie et Inflammation, Loire Valley CardiovascularCollaboration, Tours, France

Vascular Medicine - Poster Contributions
Session #1336
Vascular Medicine: Non Coronary Arterial Disease 5
Monday, March 18, 2019, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall F
CME Hours: /CME Hours:

467 - The Potential Role of Alcohol Consumption in Aortic Root Dilatation: Insights From the Coronithia Study
Sotirios Tsalamandris, Evangelos Oikonomou, Evangelia Christoforatou, Christos Chasikidis, George-Angelo Papamikroulis, Georgia Vogiatzi, Evgenia Bourouki, Effimia Zacharia, Maria Anastasiou, Margienti Papakonstantinou, Dimitris Tousoulis, First Cardiology Clinic, ‘Hippokration’ General Hospital, Athens, Greece, National & Kapodistrian University of Athens, Athens, Greece

468 - The Association Among Depressive Symptoms, Emotional Status, and Carotid Atherosclerotic Burden of the Coronithia Study Population
Sotirios Tsalamandris, Evangelos Oikonomou, George Lazaros, Evangelia Christoforatou, Georgia Vogiatzi, Effimia Zacharia, Christos Chasikidis, Athina Golopoulou, George-Angelo Papamikroulis, Charilaou-Louka Ververeli, Maria Anastasiou, Nikolaos Galiatsatos, Dimitris Tousoulis, First Cardiology Clinic, ‘Hippokration’ General Hospital, Athens, Greece, National & Kapodistrian University of Athens, Athens, Greece

475 - Growth and Re-Intervention of Residual Aortic Arch and Descending Aorta After Type A Dissection Repair
Domenico Calcettra, Truls Myrmei, Alan Braverman, Takeyoshi Ota, Reed Pyeritz, Maral Ouzounian, Clayton Allen Kaiser, Marc Schermerhorn, Derek Brinster, Anil Bhan, Daniel Montgomery, Anthony Estrera, Jean Bismuth, Kim Eagle, Eric Isselbacher, Christoph Nienaber, Kevin Harris, University of Michigan, Ann Arbor, MI, USA, Minneapolis Heart Institute, Minneapolis, MN, USA

476 - New Murmur of Aortic Insufficiency in Acute Aortic Dissection
Stephen Philip, Edward Chen, Stuart Hutchison, Patrick O’Gara, Emil Missov, G. Chad Hughes, Dan Gilson, Lori Conklin, Sherene Shahal, Ali Khoynezhad, Raffi Bekeredjian, Daniel Montgomery, Guillaume Guezebroek, Bradley Taylor, Valerio Tolva, Eric Isselbacher, Christoph Nienaber, Kim Eagle, University of Michigan, Ann Arbor, MI, USA
Acute and Stable Ischemic Heart Disease - Moderated Poster Contributions
Session #1045
Critical Sub-Analyses From Landmark Clinical Trials
Monday, March 18, 2019, 9:45 a.m. - 10:30 a.m.
Acute and Stable Ischemic Heart Disease Moderated Poster Theater, Poster Hall, Hall F
CME Hours: /CNE Hours:

ACC Poster Moderator: Sripal Bangalore
ACC Poster Moderator: Marc Steven Sabatine

9:45 a.m.
Comparison of the Safety of Celecoxib, Ibuprofen, and Naproxen in Patients Without Established Cardiovascular Disease
Grant W. Reed, Haris Riaz, Quiqing Wang, Kathy Wolski, Lisa Wisniewski, Venu Menon, A. Lincoff, Steven Nissen, Cleveland Clinic, Cleveland, OH, USA

9:55 a.m.
Question and Answer

10:00 a.m.
Assessing Outcomes in the Dual Antiplatelet (DAPT) Clinical Trial Using Medicare Claims: Insights From the EXTEND-DAPT Study
Kamil Faridi, Hector Tamez Aguilar, Eric Secemsky, Yang Song, Laura Mauri, Jeptha Curtis, Changyu Shen, Robert Yeh, Smith Center for Outcomes Research in Cardiology, Beth Israel Deaconess Medical Center, Boston, MA, USA

10:10 a.m.
Patients With Acute Coronary Syndrome, Elevated Atherogenic Lipoproteins, and Prior Coronary Artery Bypass Grafting Derive Large Absolute Benefit From Alirocumab: Insights From the ODYSSEY OUTCOMES Trial
Shaun G. Goodman, Philip Aylward, Michael Szarek, Vakhtang Chumburidze, Deepak L. Bhatt, Vera Bittner, Rafael Diaz, Jay Edelberg, Corinne Hanotin, Robert A. Harrington, Johan Wouter Jukema, Sasko Kedev, Angele Moryusef, Robert Pordy, Gabriel Arturo Ramos López, Matthew T. Roe, Margus Viigimaa, Harvey D. White, Andreas M. Zeiher, Philippe Gabriel Steg, Gregory G. Schwartz, ODYSSEY OUTCOMES Investigators, Canadian VIGOUR Centre, University of Alberta, Edmonton, Canada, University of Colorado School of Medicine, Denver, CO, USA

10:25 a.m.
Question and Answer

Arrhythmias and Clinical EP - Moderated Poster Contributions
Session #1046
Localizing Ventricular Arrhythmias: Mapping the Future
Monday, March 18, 2019, 9:45 a.m. - 10:30 a.m.
Arrhythmias and Clinical EP Moderated Poster Theater, Poster Hall, Hall F
CME Hours: /CNE Hours:

ACC Poster Moderator: John M. Fontaine
ACC Poster Moderator: Wendy S. Tzou

9:45 a.m.
Non-Invasive Electroanatomical Mapping For Predicting Site of Origin of Outflow Tract Ventricular Tachycardias
Aditi Vaishnav, Stavros Mountantonakis, Jeremy Jacobson, Neil Bernstein, Kabir Bhasin, Laurence Epstein, Nicholas Skipitaris, Northwell Health, New York, NY, USA

9:55 a.m.
Question and Answer
Heart Failure and Cardiomyopathies - Moderated Poster Contributions
Session #1048
Heart Failure and Cardiomyopathies: Cutting Edge Basic Science Reports
Monday, March 18, 2019, 9:45 a.m. - 10:30 a.m.
Heart Failure and Cardiomyopathies Moderated Poster Theater, Poster Hall, Hall F
CME Hours: /CNE Hours:

ACC Poster Moderator: Joshua M. Hare
ACC Poster Moderator: Ali Javaheri

9:45 a.m.
LncRNA Snhg1 Elicits Heart Regeneration Through PTEN/Akt/Myc Positive Feedback Loop
Yanmei Chen, Mengsha Li, Bing Li, Yijin Chen, Xiaofei Feng, Hao Zheng, Jianping Pin, Nanfang Hospital, Southern Medical University, Guangzhou, People's Republic of China

9:55 a.m.
Question and Answer

10:00 a.m.
AAV9.LAMP-2B Improves Metabolic and Physiologic Function in Murine and Human In-Vitro Models of Danon Disease
Eric Adler, Emily Gault, Eliza Villarruel, Sherin Hashem, Bradley Nelson, Ana Maria Manso, University of California San Diego, La Jolla, CA, USA

10:10 a.m.
Microvesicles Larger Than 200nm Rescue Cardiomyocytes From Doxorubicin Injury in a Patient-Specific Model of Anthracycline Induced Cardiomyopathy
Connor O'Brien, Liye Shi, Mehmet Ozugun, Evgeniya Vaskova, Michelle Santoso, Ji Hye Jung, Gentaro Ikeda, Utkan Demirci, Phillip Yang, Stanford University, Stanford, CA, USA

10:25 a.m.
Question and Answer

Interventional Cardiology - Moderated Poster Contributions
Session #1049
Insights in Arterial Interventions You Gotta Know
Monday, March 18, 2019, 9:45 a.m. - 10:30 a.m.
Interventional Cardiology Moderated Poster Theater, Poster Hall, Hall F
CME Hours: /CNE Hours:

ACC Poster Moderator: Beau Michael Hawkins
ACC Poster Moderator: Sahil A. Parikh

9:45 a.m.
Invasive Hemodynamic Assessment of Patients Presenting With Submassive Pulmonary Embolism
Mili Mehta, Catalin Toma, Lindsey Cilia, Stephen D'Auria, Belinda Rivera-Lebrón, Harold Palevsky, William Matthai, Sameer Khandhar, Perelman School of Medicine at the University of Pennsylvania, Philadelphia, PA, USA, University of Pittsburgh Medical Center, Philadelphia, PA, USA

9:55 a.m.
Question and Answer

10:00 a.m.
Drug Coated Balloon Versus Plain Balloon Angioplasty in Femoro-Popliteal Disease: An Updated Meta-Analysis of Randomized Controlled Trials
Mahesh Anantha Narayanan, Samit Shah, Jelani Qurat-ul-Ain, Santiago Garcia, Carlos Menia-Hurtado, University of Minnesota, Minneapolis, MN, USA, Yale New Haven Hospital, New Haven, MN, USA

10:10 a.m.
Question and Answer

10:15 a.m.
Outcomes of Thoracic Endovascular Aortic Repair For Acute Uncomplicated Stanford Type-B Aortic Dissection: A Single-Center Experience With 522 Cases
Yi Zhu, Binquan Hu, Songyuan Luo, Huanyu Ding, Yuan Liu, Wenhui Huang, Nianjin Xie, Ling Xue, Jianfang Luo, Department of Cardiology, Vascular Center, Guangdong Cardiovascular Institute, Guangzhou, People's Republic of China

10:25 a.m.
Question and Answer

Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Moderated Poster Contributions
Session #1050
Nuclear Cardiology: Advances in Quality Imaging
Monday, March 18, 2019, 9:45 a.m. - 10:30 a.m.
Non Invasive Imaging Moderated Poster Theater, Poster Hall, Hall F
CME Hours: /CNE Hours:

ACC Poster Moderator: Michael Thomas Osborne
ACC Poster Moderator: Albert J. Sinusas

9:45 a.m.
Multiparametric Input From PET Myocardial Perfusion Imaging Improves Detection of Left Main and 3-Vessel Coronary Artery Disease Angiographically: Derivation of 'PET Diagnostic Score'
Firas I. Al Badarin, Poghni Peri-Okonny, Bader Madoukh, Laith Derbas, Mohamed Omer, Ashwath Kumar, Ahmed Elkaryoni, John A. Spertus, Arthur McGhie, Krishna Patel, Brett Sperry, Paul Chan, Timothy Bateman, Saint Luke's Mid America Heart Institute, Kansas City, MO, USA, University of Missouri Kansas City, Kansas City, MO, USA

9:55 a.m.
Question and Answer

10:00 a.m.
Suppressing Physiologic 18-Fluorodeoxyglucose Uptake in Patients Undergoing Positron Emission Tomography For Cardiac Sarcoidosis: The Effect of a Strict Dietary Protocol
Georgios Christopoulos, Hayan Jouni, Gayatri Acharya, Panithaya Chareonthaitawee, Martin Rodriguez-Porcel, Mayo Clinic, Rochester, MN, USA

10:10 a.m.
Question and Answer

10:15 a.m.
Getting to the Heart of Nuclear Cardiology in the United States: A First Look at the Image Guide Registry
Joshua B. Elder, Peter Tilkemeier, Joseph A. Ewing, Greenville Health System, Greenville, SC, USA

10:25 a.m.
Question and Answer
Non-Certified Industry Events - Learning Destinations
Session #4007
TBD
Monday, March 18, 2019, 9:45 a.m. - 10:45 a.m.
Expo Hall 1967-Indust. Experts1
CME Hours: /CNE Hours:

Non-Certified Industry Events - Learning Destinations
Session #4015
Novo Nordisk
Monday, March 18, 2019, 9:45 a.m. - 10:45 a.m.
Expo Hall 2467-Indust. Experts2
CME Hours: /CNE Hours:

Non-Certified Industry Events - Learning Destinations
Session #4210
Osprey Medical
Monday, March 18, 2019, 9:45 a.m. - 10:15 a.m.
Expo Hall 2519-Innovation Stage
CME Hours: /CNE Hours:

Prevention - Moderated Poster Contributions
Session #1051
Advances in Cardiovascular Therapeutics
Monday, March 18, 2019, 9:45 a.m. - 10:30 a.m.
Prevention Moderated Poster Theater, Poster Hall, Hall F
CME Hours: /CNE Hours:

- ACC Poster Moderator: Seth Shay Martin
- ACC Poster Moderator: Francine K. Welty

9:45 a.m.
The Novel GC-A/cGMP Activating Designer M-Atrial Natriuretic Peptide Potently Reduces Blood Pressure in a Genetic Model of Hypertension and Potentiates the Actions of Furosemide
Nina Dzhoyashvili, Seethalakshmi Iyer, Yang Chen, Gerald Harders, Jeson Sangaralingham, Horng Chen, John Burnett, Mayo Clinic, Rochester, MN, USA, Zumbo Discovery, Rochester, MN, USA

9:55 a.m.
Question and Answer

10:00 a.m.
Low Density Lipoprotein Cholesterol Reduction and Safety With LB003, an Anti-Proprotein Convertase Subtilisin/Kexin Type 9 Fusion Protein: Results of a Randomized, Double-Blind, Placebo-Controlled, Single Ascending Dose Study
Evan A. Stein, Traci Turner, Lukasz Biernat, Dessy Dimova, Rong Zhou, Mei Dai, Christopher Daniels, Tracy Mitchell, LB Therapeutics, Cincinnati, OH, USA, Medpace, Cincinnati, OH, USA

10:10 a.m.
Question and Answer

10:15 a.m.
Long-Term Evolocumab Use in Subjects With Homozygous and Severe Heterozygous Familial Hypercholesterolemia: Primary Results of the TAUSSIG Trial
Raul Santos, G. Kees Hovingh, Dirk Blom, Handrean Soran, Gerald Watts, J. Antonio Lopez, Sarah Bray, Christopher Kurtz, Andrew Hamer, Frederick Raal, Amgen Inc., Thousand Oaks, CA, USA

10:25 a.m.
Question and Answer

Special - Moderated Poster Contributions
Session #1053
Foundations in Cardiology Training: Can Better Understanding Make Them Stronger?
Monday, March 18, 2019, 9:45 a.m. - 10:30 a.m.
Spotlight on Special Categories Moderated Poster Theater, Poster Hall, Hall F
CME Hours: /CNE Hours:

- ACC Poster Moderator: Lisa Jeanette Rose-Jones
- ACC Poster Moderator: Nicolas Thibodeau-Jarry

9:45 a.m.
COCATS4 Implementation and Attitudes: Results of the Cardiovascular Program Directors Survey
Gaby Weissman, Alex J. Auseon, Marty Tam, Paul Theriot, Julie Damp, MedStar Washington Hospital Center, Washington, DC, USA, Vanderbilt University Medical Center, Nashville, TN, USA

9:55 a.m.
Question and Answer

10:00 a.m.
House of Cards: Implementation of a Formal Peer Mentorship System in an Adult Cardiology Fellowship Program
Jeffrey J. Hsu, Jonathan Flyer, Anna Joong, Adam Small, Stephen Vampola, Eric Yang, Karol Watson, UCLA Medical Center, Los Angeles, CA, USA

10:10 a.m.
Question and Answer

10:15 a.m.
A Comparison of Characteristics of US Medical Graduates Versus International Medical Graduates Who Successfully Matched to Cardiovascular Fellowship During the 2017 Interview Cycle
Arnav Kumar, Amir Kazerouninia, Kyoko Miki, Kristin West, Ada Stefanescu Schmidt, Poonam Velagapudi, Chittur A. Sivaram, University of Oklahoma, Oklahoma City, OK, USA

10:25 a.m.
Question and Answer

Valvular Heart Disease - Moderated Poster Contributions
Session #1052
Biomarkers and Valvular Heart Disease
Monday, March 18, 2019, 9:45 a.m. - 10:30 a.m.
Valvular Heart Disease and Vascular Medicine Moderated Poster Theater, Poster Hall, Hall F
CME Hours: /CNE Hours:

- ACC Poster Moderator: Hector I. Michelenar
- ACC Poster Moderator: Philippe Pibarot
9:45 a.m.
GDF-15 Is Associated With Functional Capacity & Ventricular Dysfunction in Patients With Moderate to Severe Aortic Stenosis & Preserved Ejection Fraction
Lauren Basmadjian, François Simard, Nadia Bouabdallaoui, Eileen O'Meara, Normand Racine, Michel White, Anique Ducharme, Martin Sirois, Anita Asgar, Reda Ibrahim, Jean-François Dorval, Raoul Bonan, Raymond Cartier, Jessica Forcillo, Ismail El-Hamamsy, Christine Henri, Montreal Heart Institute, Montreal, Canada, University of Montreal, Montreal, Canada

9:55 a.m.
Question and Answer

10:00 a.m.
Impact of Lipids and Lipoproteins on Acceleration of Aortic Stenosis: A Meta Analysis and Meta Regression
Navneet Sharma, Prateek Sharma, Ramsey Kalil, Paul Kim, Noelle Mann, Hal Skopicki, Stony Brook University, Stony Brook, NY, USA

10:10 a.m.
Question and Answer

10:15 a.m.
IL2 and IL4 Gene Polymorphisms Are Associated with Latent and Clinical Rheumatic Heart Disease: Data From the PROVAR Study
Bruno Ramos Nascimento, Júlia P. A. Santos, Andrea Z. Beaton, Luiz Paulo C. Rocha, Cecilia H. R. Pinto, Adriana Diamantino, Breno D. F. Rezende, Clara L. Fraga, Leticia Maria M. Rabelo, Craig Sable, Zilda Maria A. Meira, Maria do Carmo Nunes, Walderez Dutra, Hospital das Clínicas da Universidade Federal de Minas Gerais, Belo Horizonte, Brazil, Children's National Health System, Washington, DC, USA

10:25 a.m.
Question and Answer

**Vascular Medicine - Gaming Session #6009**
*Engage@ACC.19 Studio: Vascular Innovation Shark Tank*
*Monday, March 18, 2019, 9:45 a.m. - 10:45 a.m.*
*Engage@ACC.19*
*CME Hours: 1 / CNE Hours: 1*

Co-Chair: John Rumsfeld
Co-Chair: Sreekanth Vemulpallari

9:45 a.m.
Shark Tank Judge
Colleen Brophy
Phoenix, AZ

9:45 a.m.
Shark Tank Judge
David Harrison
Aiken, SC

9:45 a.m.
Shark Tank Judge
Kenneth W. Mahaffey
Stanford, CA

9:45 a.m.
Shark Tank - Pitch 1
Mary M. McDermott
Chicago, IL

9:50 a.m.
Shark Tank Pitch 1 - Discussion

10:00 a.m.
Shark Tank Pitch 2
Sreekanth Vemulpallari
Durham, NC

10:05 a.m.
Shark Tank Pitch 2 - Discussion

10:15 a.m.
Shark Tank Pitch 3
Connie Ng Hess
Denver, CO

10:20 a.m.
Shark Tank Pitch 3 - Discussion

10:30 a.m.
ARS - Shark Tank Winner

**Acute and Stable Ischemic Heart Disease - Scientific Session #515**
Diabetes: Risk Factor or Cardiovascular Disease?
*Monday, March 18, 2019, 10:45 a.m. - 12:15 p.m.*
*Room 211*
*CME Hours: 1.5 / CNE Hours: 1.5*

Co-Chair: Antonio C. P. Chagas
Co-Chair: Richard A. Chazal
Co-Chair: Mohammed A. Balghith

10:45 a.m.
Sailing Beyond What the Eyes Can See: The Role of Endothelial Dysfunction in Diabetic Patients
Ahmed Hamad Aljizeeri
Alhassa, Saudi Arabia

11:00 a.m.
The Busy Highway Connection Between Diabetes Mellitus and Cardiomyocytes
Andrei C. Sposito
Campinas, Brazil

11:15 a.m.
What is New in the Era of Cardiac Imaging (Diabetics with CAD)
Abdulhalim Kinsara
Jeddah, Saudi Arabia

11:30 a.m.
Novel Interventional Solutions for Coronary Revascularization in Diabetic Patients
Alexandre Abizaid
Nassau, Bahamas

11:45 a.m.
Secondary Prevention for CAD in Diabetic Patients
Laurence S. Sperling
Atlanta, GA

12:00 p.m.
Panel Discussion with Audience Q&A
Acute and Stable Ischemic Heart Disease - Scientific Session #735
Controversies in ACS Guidelines and Actual Care: What the Experts Don’t Always Tell You
Monday, March 18, 2019, 10:45 a.m. - 12:15 p.m.
Room 217
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Dipti Itchhaporia
Co-Chair: Pedro R. Moreno
Panelist: David Burke
Panelist: Matthew Cavender
Panelist: Lloyd W. Klein
Panelist: Glenn N. Levine
Panelist: Nathaniel Smilowitz
Panelist: Pieter Smits

10:45 a.m.
Current ACS Guidelines: Controversies and Unanswered Questions
Glenn N. Levine
Pearland, TX

11:00 a.m.
Case of a Patient With STEMI and Multivessel Disease
Ankit Chothani
New York, NY

11:05 a.m.
Panel Discussion of Case of a Patient With STEMI and Multivessel Disease

11:20 a.m.
Case of a Patient With NSTEMI Presenting Late on a Friday Night
Sonia Samtani
Orange, CA

11:25 a.m.
Panel Discussion of Case of a Patient With NSTEMI Presenting Late on a Friday Night

11:40 a.m.
Case of a Patient With STEMI and Cardiac Arrest
Jose Mariano Tan
Grand Rapids, MI

11:45 a.m.
Panel Discussion of Case of a Patient With STEMI and Cardiac Arrest

11:45 a.m.
Audience ARS Question
Dipti Itchhaporia
Newport Beach, CA

Arrhythmias and Clinical EP - Scientific Session #733
Connected and Wearable Technologies for Arrhythmia Management and Detection
Monday, March 18, 2019, 10:45 a.m. - 12:15 p.m.
Room 355
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Mina K. Chung
Co-Chair: Dhanunjaya R. Lakkireddy

10:45 a.m.
Keynote Presentation: Wearable Technology and Cardiac Applications
Jennifer N. A. Silva
Saint Louis, MO

10:54 a.m.
Question and Answer

10:59 a.m.
Remote Monitoring - Benefits and Vulnerabilities
Taya V. Glotzer
Tenafly, NJ

11:08 a.m.
Question and Answer

11:13 a.m.
Apple Heart Study
Marco Perez
Palo Alto, CA

11:22 a.m.
Question and Answer

11:27 a.m.
Smart Phone Technologies - Practical Uses for Arrhythmia Management
Khalidoun Tarakji
Cleveland, OH

11:36 a.m.
Question and Answer

11:41 a.m.
Smartphone Apps and Social Media for the Patient and Electrophysiologist
Rakesh Gopinathannair
Louisville, KY

11:50 a.m.
Question and Answer

11:55 a.m.
Cybersecurity and CIEDs
Marwan Refaat
Beirut, Lebanon

12:04 p.m.
Question and Answer

Arrhythmias and Clinical EP - Scientific Session #734
Learning from Recent Clinical Trials - Perspectives on CABANA, CASTLE AF, VEST and ORBITA
Monday, March 18, 2019, 10:45 a.m. - 12:15 p.m.
Room 355
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Anne B. Curtis
Co-Chair: Ratika Parkash
Panelist: John M. Mandrola
Panelist: Milton Packer
Panelist: Stuart Pocock

10:45 a.m.
CABANA
Douglas L. Packer
Rochester, MN

10:55 a.m.
Panel Discussion with Question and Answer
11:03 a.m.
CASTLE AF
Nassir F. Marrouche
Salt Lake City, UT

11:13 a.m.
Panel Discussion with Question and Answer

11:21 a.m.
VEST
Byron Kwok Lee
San Francisco, CA

11:31 a.m.
Panel Discussion with Question and Answer

11:39 a.m.
ORBITA
Rakesh Al-Lamee
United Kingdom

11:49 a.m.
Panel Discussion with Question and Answer

11:59 a.m.
Putting It Into Perspective - Clinical Trial Design and Complex Results
Daniel B. Mark
Durham, NC

12:09 p.m.
Panel Discussion with Question and Answer

Congenital Heart Disease - Scientific Session #736
Promoting Progress in Congenital Heart Disease: Featuring the Dan G. McNamara Keynote
Monday, March 18, 2019, 10:45 a.m. - 12:15 p.m.
Room 338
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: David DeNofrio
Co-Chair: Jeffrey M. Testani
Panelist: Maria Rosa Costanzo
Panelist: Justin Lee Grodin
Panelist: Sankar Navaneethan
Panelist: Jayant Raikhelkar
Panelist: Wai Hong Wilson Tang
Panelist: Thomas Zelniker

10:45 a.m.
What Markers Should I Follow in My Hospitalized Heart Failure Patient: The Nephrologists Perspective
Sankar Navaneethan
Houston, TX

10:57 a.m.
Teaching Old Dogs new Tricks: Newer Approaches to Use of Diuretics in Heart Failure
Wai Hong Wilson Tang
Cleveland, OH

11:07 a.m.
Challenging Cases With Hospitalized Heart Failure and Cardiorenal Syndrome
Justin Grodin
Dallas, TX

11:12 a.m.
Question and Answer

11:14 a.m.
Renal Effects of Newer Therapies in Heart Failure: ARNI and SGLT2 Inhibitors
Thomas Zelniker
Boston, MA

11:24 a.m.
Question and Answer

11:26 a.m.
Devices Aiding Removal of Salt and Water in Heart Failure: Learning From the Past and Looking to the Future
Maria Rosa Costanzo
Wheaton, IL

11:36 a.m.
Question and Answer

11:38 a.m.
Renal Dysfunction, Mechanical Cardiac Support, and Cardiac Transplantation
Jayant Raikhelkar
Chicago, IL

11:48 a.m.
Question and Answer
11:50 a.m.  
Challenging Cases and Diagnostic Dilemmas  
Tariq Ahmad  
New Haven, CT

11:55 a.m.  
Panel Discussion of Cases

Heart Failure and Cardiomyopathies - Scientific Session #738  
eeHeart Failure: Designing, Documenting, Delivering  
Monday, March 18, 2019, 10:45 a.m. - 12:15 p.m.  
Room 257  
CME Hours: 1.5 / CNE Hours: 1.5

Co-Chair: Shelley A. Hall  
Co-Chair: Paul J. Manuel Hauptman

10:45 a.m.  
Why I Love EMR and How to Make It Worth My Time?  
Lee R. Goldberg  
Philadelphia, PA

11:00 a.m.  
Doing Research With EMR; Valuable or Worthless?  
Adrian F. Hernandez  
Durham, NC

11:15 a.m.  
mHealth Care: Doctor Smartphone is in today  
Ambuj Roy  
New Delhi, India

11:30 a.m.  
Virtual Heart Failure Visits: State of the Evidence and Wave of the Future?  
Kenneth M. McDonald  
Co Dublin, Ireland

11:45 a.m.  
The use of Digital Health Technology to Generate Evidence and Provide Better Care  
Abhinav Sharma  
Durham, NC

12:00 p.m.  
Question and Answer

Interventional Cardiology - Scientific Session #741  
LAA Closure: Pre and Post-Procedure Assessment, and PFO: TEE and ICE  
Monday, March 18, 2019, 10:45 a.m. - 12:15 p.m.  
Room 208  
CME Hours: 1.5 / CNE Hours: 1.5

Co-Chair: Linda D. Gillam  
Co-Chair: Aaron V. Kaplan  
Panelist: Asma Hussaini  
Panelist: Victor G. Davila-Roman  
Panelist: Michael L. Main  
Panelist: Lissa Sugeng

10:45 a.m.  
Part I: LAA Closure: Pre-Procedure Assessment

10:45 a.m.  
CT Should Be the Gold Standard  
Dee Dee Wang  
Detroit, MI

10:55 a.m.  
TEE is the Gold Standard... No Reason to Change  
Michael L. Main  
Kansas City, MO

11:05 a.m.  
Panel Discussion With Audience Question and Answer

11:18 a.m.  
Part II: LAA-Closure: Post Procedure Assessment

11:28 a.m.  
Device Related Thrombus: What Does it Look Like, When Is it Significant, What Do I Do About  
Lissa Sugeng  
New Haven, CT

11:38 a.m.  
Panel Discussion With Audience Question and Answer

11:51 a.m.  
Part III: PFO: TEE and ICE

11:51 a.m.  
High Risk Anatomy: Identifying and Understanding Implications  
Victor G. Davila-Roman  
Olivette, MO

12:01 p.m.  
Panel Discussion With Audience Question and Answer

Interventional Cardiology - Scientific Session #742  
Aortic Valve Interventions: Clinical Dilemmas  
Monday, March 18, 2019, 10:45 a.m. - 12:15 p.m.  
Room 206  
CME Hours: 1.5 / CNE Hours: 1.5

Co-Chair: Anita W. Asgar  
Co-Chair: Chandan M. Devireddy  
Panelist: Wayne B. Batchelor  
Panelist: Ankur Kafra  
Panelist: Michael Querijero  
Panelist: Puja Parikh

10:45 a.m.  
Part I: Managing Paradoxical Low Flow Low Gradient Aortic Stenosis

10:45 a.m.  
Evaluation of Paradoxical Low Flow Low Gradient Aortic Stenosis  
Sammy Elmariah  
Newton, MA

10:52 a.m.  
Case Presentation: Is This Severe AS or Pseudo AS (Echo and CT Imaging)  
Rebecca T. Hahn  
New York, NY
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>10:59 a.m.</td>
<td>Case Discussion With Audience Question and Answer</td>
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</table>
| 11:09 a.m. | Debate: TAVR Is the Treatment of Choice for PLFLG AS              Chandan M. Devireddy  
Atlanta, GA |
| 11:16 a.m. | Debate: SAVR Is the Treatment of Choice for PLFLG AS               Jessica Forcillo  
Montreal, Canada |
| 11:23 a.m. | Audience Question and Answer                                           |
| 11:33 a.m. | Part II: Moderate AS and CHF                                          |
| 11:33 a.m. | Case Presentation: Is Moderate AS Contributing to This Patient’s CHF?  
Howard C. Herrmann  
Philadelphia, PA |
| 11:41 a.m. | Case Discussion With Audience Question and Answer                     |
| 11:51 a.m. | Debate: Medical Treatment Is the Treatment of Choice for Moderate AS and CHF  
Hasan Jilaihawi  
New York, NY |
| 11:58 a.m. | Debate: TAVR Is the Treatment of Choice for Moderate AS and CHF       
Nicolas M. Van Mieghem  
Rotterdam, Netherlands |
| 12:05 p.m. | Audience Question and Answer                                           |

**Interventional Cardiology - Scientific Session #743**

**Interventional Heart Failure**

**Monday, March 18, 2019, 10:45 a.m. - 12:15 p.m.**

**Room 203**

**CME Hours: 1.5 /CNE Hours: 1.5**

Co-Chair: Srihari S. Naidu
Co-Chair: Amanda Vest
Panelist: Kimberly Nelson
Panelist: Christopher M. O’Connor
Panelist: Ajay Srivastava
Panelist: Andrew S. Wechsler

10:45 a.m.
Defining the Appropriate Role for Implantable Mechanical Devices to Treat Heart Failure: Where are We Now and Where are We Going?  
Christopher M. O’Connor  
Arlington, VA

10:55 a.m.
Panel Discussion With Audience Question and Answer

11:03 a.m.
Overview and Update on Interatrial Shunt Devices in Heart Failure  
Amit Segev  
Ramat Gan, Israel

11:13 a.m.
Panel Discussion With Audience Question and Answer

11:21 a.m.
Interatrial Shunt Devices: Insights From the RELIEVE-HF Study Program  
Josep Rodes-Cabau  
Quebec, Canada

11:31 a.m.
Panel Discussion With Audience Question and Answer

11:39 a.m.
Transcatheter Ventricular Enhancement: A Viable Option for Nonviable Myocardium?  
Andrew S. Wechsler  
Philadelphia, PA

11:49 a.m.
Panel Discussion With Audience Question and Answer

11:57 a.m.
Hemodynamic Monitoring Devices in Treating HF: Which Patient and Why?  
William T. Abraham  
Columbus, OH

11:07 a.m.
Panel Discussion With Audience Question and Answer

**Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Scientific Session #512**

**How to Integrate Non-invasive Imaging**

**Monday, March 18, 2019, 10:45 a.m. - 12:15 p.m.**

**Room 254**

**CME Hours: 1.5 /CNE Hours: 1.5**

Co-Chair: Erick Alexanderson Rosas
Co-Chair: Kee-Sik Kim
Co-Chair: Benny J. Levenson

10:45 a.m.
Echocardiography as a Gatekeeper in Clinical Decision Making  
Dae Won Sohn  
Seoul, Korea, Republic of

11:00 a.m.
TEE as a Valuable Tool for Communication between Cardiologists and Stroke Physicians  
Jae-Kwan Song  
Seoul 138-044, Korea, Republic of

11:15 a.m.
CT for Structural Heart Disease Interventions  
Stephan Achenbach  
91054 Erlangen, Germany

11:30 a.m.
Cardiovascular MR to Guide Therapy of Non-Ischemic Heart Disease  
Jeanette Schultz-Menger  
Berlin, Germany

11:45 a.m.
Multimodality Imaging  
Christopher M. Kramer  
Charlottesville, VA

12:00 p.m.
Panel Discussion with Audience Q&A
Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Scientific
Session #739
Stress Echocardiography Workshop: Beyond Wall Motion - Cases to Remember!
Monday, March 18, 2019, 10:45 a.m. - 12:15 p.m.
Room La Nouvelle C
CME Hours: 1.5 /CNE Hours: 1.5
Co-Chair: Patricia A. Pellikka
Co-Chair: Roxy Senior

10:45 a.m.
Case Review: What Can Contrast Perfusion Add to Stress Echo in 2019?
Thomas Richard Porter
Omaha, NE

11:00 a.m.
Question and Answer

11:03 a.m.
Case Review: What Can 2D Strain Add to Stress Echo in 2019?
Thomas H. Marwick
Melbourne VIC, Australia

11:18 a.m.
Question and Answer

11:21 a.m.
Case Review: Stress Echo in Low-Gradient Aortic Stenosis
Philippe Pibarot
Quebec, Canada

11:36 a.m.
Question and Answer

11:39 a.m.
Case Review: Stress Echo in Valvular Heart Disease - Mitral Regurgitation
Brian P. Griffin
Cleveland, OH

11:54 a.m.
Question and Answer

11:57 a.m.
Case Review: Stress Echo in Valvular Heart Disease - Mitral Stenosis
Vuyisile Tlhopane Nkomo
Rochester, MN

12:12 p.m.
Question and Answer

Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Scientific
Session #740
Congenital Imaging for the General Cardiologist: A Case-based Discussion
Monday, March 18, 2019, 10:45 a.m. - 12:15 p.m.
Room 244
CME Hours: 1.5 /CNE Hours: 1.5
Co-Chair: Anne Marie Valente
Co-Chair: Carole A. Warnes
Panelist: Meryl S. Cohen
Panelist: Tal Geva
Panelist: Sabrina D. Phillips
Panelist: Keri M. Shafer

10:45 a.m.
Don’t Miss It: How to Detect Common Congenital Findings in a General Adult Echo Lab
Sabrina D. Phillips
Jacksonville, FL

11:00 a.m.
TEE in Congenital Heart Disease: What to Look For
Meryl S. Cohen
Philadelphia, PA

11:15 a.m.
Congenital Heart Disease Cases
William Miranda
Rochester, MN

11:30 a.m.
Pulmonary Valve Assessment for the General Cardiologist
Keri Shafer
Boston, MA

11:45 a.m.
Multi-Modality Imaging in Congenital Heart Disease: The Role of CT and MRI
Tal Geva
Boston, MA

12:00 p.m.
Panel Discussion

Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Core Curriculum
Session #812
Core Curriculum: Imaging in Heart Failure Assessment
Monday, March 18, 2019, 10:45 a.m. - 12:15 p.m.
Room 343
CME Hours: 1.5 /CNE Hours: 1.5
Chair: Sunil V. Mankad

10:45 a.m.
HF Assessment: When and How to Strain
Mani A. Vannan
Atlanta, GA

11:05 a.m.
Utility of CMR in HF Assessment
Patricia K. Nguyen
Menlo Park, CA

11:25 a.m.
Imaging in Cardio-oncology
Susmita Parashar
Atlanta, GA

11:45 a.m.
Panel Discussion Moderator
Sunil V. Mankad
Rochester, MN

11:45 a.m.
Panel Discussion with Question and Answer
Prevention - Scientific
Session #775
Facts or Alternate Facts: A Case-Based Deep Dive Into the Recently Released Prevention Guidelines:
Monday, March 18, 2019, 10:45 a.m. - 12:15 p.m.
Room 228
CME Hours: 1.5 /CNE Hours: 1.5

Prevention - Scientific
Session #745
The Great Dietary Pattern Debate
Monday, March 18, 2019, 10:45 a.m. - 12:15 p.m.
Room 225
CME Hours: 1.5 /CNE Hours: 1.5
Co-Chair: Andrew M. Freeman
Co-Chair: Penny Kris-Etherton

10:45 a.m.
A Mediterranean Diet and Cardiovascular Health
Emilio Ros
Barcelona, Spain

11:00 a.m.
A Ketogenic Diet and Cardiovascular Health
James H. O'Keefe, JR
Kansas City, MO

11:15 a.m.
A Plant-Based Diet and Cardiovascular Health
Robert J. Ostfeld
New York, NY

11:30 a.m.
Mediterranean Diet, Rebuttal

11:35 a.m.
Ketogenic Diet, Rebuttal

11:40 a.m.
Plant Based Diet, Rebuttal

11:45 a.m.
Putting It all Together
Andrew M. Freeman
Denver, CO

12:00 p.m.
Audience Question and Answer

Pulmonary Hypertension and Venous Thrombo-embolic Disease - Scientific
Session #746
Relieving the Pressure of Pulmonary Arterial Hypertension: Key Takeaways for the General Cardiologist Moving from Vague Symptoms to Ensuring Adequate Treatment Response
Monday, March 18, 2019, 10:45 a.m. - 12:15 p.m.
Room 352
CME Hours: 1.5 /CNE Hours: 1.5
Co-Chair: Christopher Barnett
Co-Chair: Vallerie V. McLaughlin

10:45 a.m.
FIT Case Presentation
Thomas Cascino
Ann Arbor, MI
### Special - Late-Breaking Clinical Trials

**Session #410**
**Late-Breaking Clinical Trials V: Interventional**
**Monday, March 18, 2019, 10:45 a.m. - 12:00 p.m.**
**ACC.19 Main Tent (Great Hall)**
**CME Hours: 1.25 /CNE Hours: 1.25**

Chair: Martin B. Leon  
Co-Chair: Athena Poppas  
Panelist: Jeffrey S. Berger  
Panelist: C. Michael Gibson  
Panelist: Sunil V. Rao  
Panelist: Jacqueline E. Tamis-Holland

10:45 a.m.  
The Safety and Efficacy of Femoral Access versus Radial Access for Primary Percutaneous Coronary Intervention in ST-Elevation Myocardial Infarction  
Michel R. Le May, George Wells, Marino Labianza, Derek Y. So, Chris Glover, Alexander Dick, Michael Froeschi, Aun-Yeong Chong, Jean-Francois Marquis, Benjamin Hibbert, Melissa Blondeau, Cristina Osborne, Malek Kass, Vernon Paddock, Ata-Ur-Rehman Quraishi, Andrea MacDougall, University of Ottawa Heart Institute, Ottawa, Canada

10:55 a.m.  
Panel Discussion

11:00 a.m.  
Coronary Angiography after Cardiac Arrest  
Jorrit Lemkes, Gladys Janssens, Nina van der Hoeven, L. S. D. Jewball, Eric Dubois, Martijn Meuwissen, Hans Bosker, Gabe Bleeker, Georgios Vlachojanisis, Pim van der Harst, michiel voskuil, Bert Beishuizen, Cyril Camaro, José Henriques, Maarten Vink, A. A. C. M. Heestermans, Thijs Delnoij, Gillian Jessurun, Pranobe Oemrawsingh, Marcel Gosselink, Koos Plomp, Michael Magro, Peter van de Ven, Heleen Oudemans-van Straaten, Niels Van Royen, Amsterdam university medical centre, location VUmc, Amsterdam, The Netherlands

11:10 a.m.  
Panel Discussion

11:15 a.m.  
Efficacy of Ticagrelor vs Clopidogrel After Fibrinolytic Therapy in Patients With ST-Elevation Myocardial Infarction  
Otavio Berwanger, Renato Lopes, Leopoldo Piegas, Pedro De Barros E Silva, Heilo Guimaraes, Antonio C. Carvalho, Lixin Jiang, Shaun Goodman, Stephen Nicholls, Alexander Parkhomenko, Carlos Tajer, German Malaga, Jose Francisco Kerr Saraiva, Francisco A. Fonseca, Lucas P. Damiani, Tamiris Abait, Denise Paisani, Nanci Valeis, Diogo Moia, Oleg Averkov, Christopher B. Granger, Harvey White, Jose Nicolau, Research Institute - HCor, Sao Paulo, Brazil

11:25 a.m.  
Panel Discussion

11:30 a.m.  
One-Month Dual Antiplatelet Therapy Followed by Clopidogrel Monotherapy versus Standard 12-Month Dual Antiplatelet Therapy with Clopidogrel After Drug-Eluting Stent Implantation: STOPDAPT-2 trial.  
Hirotoshi Watanabe, Takenori Domei, Takeshi Morimoto, Hiroki Shiomi, Masahiro Natsuaki, Toshiaki Toyota, Kensuke Takagi, Yoshiaki Hata, Satoru Suwa, Mamoru Nanasato, Masanobu Ohya, Masahiro Yagi, Takafumi Yokomatsu, Mitsuru Abe, Kenji Ando, Kazushige Kadota, Ken Kozuma, Yoshihiro Morino, Yuji Ikari, Kengo Tanabe, Koichi Nakao, Kazuya Kawai, Yoshihisa Nakagawa, Takeshi Kimura, STOPDAPT-2 investigators, Department of Cardiovascular Medicine, Graduate School of Medicine, Kyoto University, Kyoto, Japan

11:40 a.m.  
Panel Discussion

11:45 a.m.  
SMART-CHOICE: P2Y12 Inhibitor Monotherapy Versus Dual Antiplatelet Therapy in Patients Undergoing Implantation of Coronary Drug-eluting Stents  
Joo-Yong Hahn, Young Bin Song, Ju-Hyeon Oh, Eul-Soon Im, Jin-Ok Jeong, Byung Ryul Cho, Seok Kyu Oh, Deok-Kyu Cho, Jong-Young Lee, Yeong Yeob Koh, Jang-Whan Bae, Taek Kyu Park, Joo Myung Lee, Jeong Hoon Yang, Jin-Ho Choi, Seung-Hyuck Choi, Sang Hoon Lee, Hyeon-Cheol Gwon, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, South Korea

11:55 a.m.  
Panel Discussion

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### Special - Scientific

**Session #514**
**Valvular Heart Disease - Scientific**
**Monday, March 18, 2019, 10:45 a.m. - 12:15 p.m.**
**Room 238**
**CME Hours: 1.5 /CNE Hours: 1.5**

Co-Chair: Artur Evangelista Masip  
Co-Chair: Victor A. Ferrari  
Co-Chair: Karina Auristela Gonzalez Carta

10:45 a.m.  
The Evolving Nature of Infective Endocarditis  
Carmen Olmos  
Madrid, Spain

11:00 a.m.  
Chagas Disease in the US: Trinidad Tobago  
Vicente Jesus Finizola Flores  
Port Of Spain, Trinidad and Tobago

11:15 a.m.  
A New Threat to America: Cardiac Involvement on Zika and Chikungunya Infections  
Ivan J. Mendoza  
Coral Gables, FL

11:30 a.m.  
Ineffective Endocarditis on Electronic Devices  
Juan Gomez-Doblas  
Malaga, Spain

12:00 p.m.  
Panel Discussion with Audience Q&A
Acute and Stable Ischemic Heart Disease - Scientific Session #6010
Engage @ACC.19 Studio: Get Inspired by the Legends in Cardiovascular Medicine
Monday, March 18, 2019, 11:15 a.m. - 12:15 p.m.
Engage@ACC.19
CME Hours: 1 /CNE Hours: 1
Chair- Interviewer: Dharam J. Kumbhani
Interviewee: Harvey D. White
Interviewee: Richard Kuntz
FIT Interviewer: Alana Lewis
FIT Interviewer: Chetan Huded
FIT Interviewer: Devraj Sukul

Non-Certified Industry Events - Learning Destinations
Session #4008
ZOLL
Monday, March 18, 2019, 11:30 a.m. - 12:30 p.m.
Expo Hall 1967-Indust. Experts1
CME Hours: /CNE Hours:
11:30 a.m.
Zoll

Non-Certified Industry Events - Learning Destinations
Session #4016
TBD
Monday, March 18, 2019, 11:30 a.m. - 12:30 p.m.
Expo Hall 2467-Indust. Experts2
CME Hours: /CNE Hours:
11:30 a.m.
Tbd

Special - Heart-to-Heart Stage
Session #6509
Rise of Intelligent Machines: The Potential of Artificial Intelligence in Cardiovascular Care
Monday, March 18, 2019, 12:00 p.m. - 12:30 p.m.
Heart to Heart Stage: Lounge & Learn
CME Hours: 0.5 /CNE Hours: 0.5
12:00 p.m.
Rise of Intelligent Machines: The Potential of Artificial Intelligence in Cardiovascular Care
Anthony C. Chang
Orange, CA

12:00 p.m.
Rise of Intelligent Machines: The Potential of Artificial Intelligence in Cardiovascular Care
Regina S. Druz
Roslyn Heights, NY

12:00 p.m.
Rise of Intelligent Machines: The Potential of Artificial Intelligence in Cardiovascular Care
Jai Nahar
Washington, DC

12:00 p.m.
Rise of Intelligent Machines: The Potential of Artificial Intelligence in Cardiovascular Care
James Tcheng
Durham, NC

Acute and Stable Ischemic Heart Disease - Scientific Session #750
Triple-doubles in Clinical Practice: Should “Double Therapy” Replace “Triple therapy” When Anticoagulation and Antiplatelet Therapy are Needed?
Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
Room 217
CME Hours: 1.25 /CNE Hours: 1.25
Co-Chair: Dominic J. Angiolillo
Co-Chair: Christopher P. Cannon
12:30 p.m.
Accruing Evidence for Low-Dose DOACs: From ACS to CAD to AF
C. Michael Gibson
Boston, MA
12:42 p.m.
Double Vs. Triple Therapy Among Patients Needing Oral Anticoagulation and Dual Antiplatelet Therapy: Insights From Clinical Trials
Deepak L. Bhatt
Newton, MA
12:54 p.m.
Antithrombotic Therapy in Patients With Atrial Fibrillation Undergoing Percutaneous Coronary Intervention: A North American Perspective
Dominick J. Angiolillo
Jacksonville, FL
1:06 p.m.
A Pharmacokinetics Primer on DOAC do?ing for VTE and AFib
Craig Beavers
Lexington, KY
1:18 p.m.
The 2019 ACC Expert Consensus Pathways Document on Triple Therapy: The algorithms
Dharam Kumbhani
Dallas, TX
1:30 p.m.
Panel Discussion and Question and Answer

Acute and Stable Ischemic Heart Disease - Scientific Session #751
Cardiac Rehab 2019 and Beyond
Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
Room 211
CME Hours: 1.25 /CNE Hours: 1.25
Co-Chair: Alison Bailey
Co-Chair: Kathleen Traynor
12:30 p.m.
Exercise in the Prevention of Disease
Thijs Eijjsvogels
Nijmegen, Netherlands
12:40 p.m.
More than Exercise: The Case for the Comprehensive Lifestyle Center
Alison Bailey
Chattanooga, TN
12:50 p.m.
Cardiac Rehab in 2019: How Do We Improve Utilization?
Mary Whooley
San Francisco, CA

1:00 p.m.
Hybrid Models of Cardiac Rehabilitation
Daniel E. Forman
Pittsburgh, PA

1:10 p.m.
The Future of Rehab: PAD, Cardio-Oncology, DM, HFpEF
Richard A. Josephson
Cleveland, OH

1:20 p.m.
Panel Discussion

Acute and Stable Ischemic Heart Disease - Moderated Poster Contributions
Session #1054
SCAD, Takotsubo, INOCA, and Everything in Between
Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
Acute and Stable Ischemic Heart Disease Moderated Poster Theater, Poster Hall, Hall F
CME Hours: /CNE Hours:

ACC Poster Moderator: John F. Beltrame
ACC Poster Moderator: Kathryn Lindley

12:30 p.m.
Genotype-First Approach Shows FOG2/ZFPM2 Is Associated With Coronary Microvascular Disease
Marie Gueraty, Yi-An Ko, Michael Levin, William Haury, Regeneron Regeneron Genetics Center, Scott Damrauer, Daniel Rader, University of Pennsylvania, Philadelphia, PA, USA, Regeneron, Tarrytown, NY, USA

12:40 p.m.
Question and Answer

12:45 p.m.
The Importance of Spontaneous Coronary Artery Dissection (SCAD) Specific Care in Reducing Recurrent Events
Francesca Ponzini, Shelly Mishra, Shilpa Sharma, Jessica Duran, Yousef Ghazzawi, Mark Lindsay, Nandita S. Scott, Sarah Tisaras, Aferdita Spahillari, Malissa Jane Wood, Massachusetts General Hospital, Boston, MA, USA

12:55 p.m.
Question and Answer

1:00 p.m.
Spontaneous Coronary Artery Dissection in Patients With a Provisional Diagnosis of Takotsubo Syndrome
Anais Hausvater, Nathaniel Smilowitz, Thara Ali, Dalisa Espinosa, Maria DeFonte, Mark Sherrid, Harmony Reynolds, NYU School of Medicine, New York, NY, USA

1:10 p.m.
Question and Answer

1:15 p.m.
Predictive Performance of the InterTAK Score For Diagnosis of Takotsubo Syndrome
Anais Hausvater, Thara Ali, Nathaniel Smilowitz, Boyangzi K. Li, Marissa Alsalam, Caroline Ong, Sacha Patil, Harmony Reynolds, NYU School of Medicine, New York, NY, USA

1:25 p.m.
Question and Answer

1:30 p.m.
Hypercontractility in Women With High Resting Coronary Velocity and Low Coronary Flow Reserve: Results From the Women’s Ischemia Syndrome Evaluation-Coronary Vascular Dysfunction (WISE-CVD) Project
Nissi Sharon Suppogu, Janet Wei, Michael D. Nelson, Galen Cook-Wiens, Chriandra Shufelt, Louise Thomson, Balaji Tamarapoo, Daniel Berman, Bruce Samuels, Babak Azarbal, David R. Anderson, John W. Peterson, Carl J. Pepine, C. Noel Bairey Merz, Cedars Sinai, Los Angeles, CA, USA

1:40 p.m.
Question and Answer

Arrhythmias and Clinical EP - Scientific
Session #748
Practical ECGs with the Experts: Hallmarks of High Risk
Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
Room 357
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Peter A. Brady
Co-Chair: Zachary D. Goldberger

12:30 p.m.
Born to Be Bad: How Not to Miss a Clue in Family Member of Patient With SCD
Mina K. Chung
Shaker Heights, OH

12:40 p.m.
ECG Presentation
William G. Stevenson
Nashville, TN

12:45 p.m.
Question and Answer

12:55 p.m.
ECG Presentation
Cara Pellegrini
San Francisco, CA

1:00 p.m.
Question and Answer

1:10 p.m.
ECG Presentation
Elizabeth S. Kaufman
Beachwood, OH

1:15 p.m.
Question and Answer

1:25 p.m.
ECG Presentation
Sami Viskin
Tel Aviv 64239, Israel

1:30 p.m.
How to Evaluate the ECG in an Athlete
Jordan Prutkin
Seattle, WA

1:40 p.m.
Question and Answer
Arrhythmias and Clinical EP - Scientific Session #749
On the Horizon in EP
Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
Room 355
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Valentina Kutyifa
Co-Chair: Kristen K. Patton

12:30 p.m.
Novel Treatments for Ventricular Tachyarrhythmias: Autonomic Modulation
Marmar Vaseghi
Beverly Hills, CA

12:37 p.m.
Question and Answer

12:40 p.m.
Novel Approaches to Ventricular Tachycardia Ablation
Jennifer N. A. Silva
Saint Louis, MO

12:47 p.m.
Question and Answer

12:50 p.m.
On the Horizon: Anti-Arrhythmic Drug Therapy
Alexander Burashnikov
Wynnewood, PA

12:57 p.m.
Question and Answer

1:00 p.m.
On the Horizon in Pacing and Defibrillation
Petr Neuzil
Prague, Czech Republic

1:07 p.m.
Question and Answer

1:10 p.m.
Left Atrial Occlusion–Where are We Now, Where are We going?
Dhanunjaya R. Lakireddy
Leawood, KS

1:17 p.m.
Question and Answer

1:20 p.m.
New Tools and Techniques for Lead Extraction
Ulrika Birgersdotter-Green
La Jolla, CA

1:27 p.m.
Question and Answer

1:30 p.m.
ACC Talk: EP in the Next Year, Decade, and Century
Paul J. Wang
Saratoga, CA

1:40 p.m.
Question and Answer

Arrhythmias and Clinical EP - Moderated Poster Contributions Session #1055
Anticoagulation: Preventing AF-Associated Stroke
Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
Arrhythmias and Clinical EP Moderated Poster Theater, Poster Hall, Hall F
CME Hours: /CNE Hours:

ACC Poster Moderator: Roopinder Kaur Sandhu
ACC Poster Moderator: Ru San Tan

12:30 p.m.
Comparative Effectiveness and Safety of Non-Vitamin K Antagonist Oral Anticoagulants Among Frail Nonvalvular Atrial Fibrillation Patients

12:40 p.m.
Question and Answer

12:45 p.m.
Concomitant Use of Direct Oral Anticoagulants and Aspirin For Cardiovascular Disease Prevention in Atrial Fibrillation and Flutter
Ahmad Said, Scott Keeney, Alexandra Halalau, Beaumont Health, Royal Oak, MI, USA

12:55 p.m.
Question and Answer

1:00 p.m.
The Safety of Anticoagulation For Atrial Fibrillation With DOAC Versus Warfarin in Patients With Various Stages of Renal Function
Amber Makani, Samir Saba, Sandeep Jain, Aditya Bhonsale, Oscar Marroquin, Suresh Mulukutla, UPMC, Pittsburgh, PA, USA

1:10 p.m.
Question and Answer

1:15 p.m.
Low Rates of Oral Anticoagulation Use and Poor Outcomes Among Frail Patients Hospitalized With Atrial Fibrillation
Sean Pokorney, John House, Christopher B. Granger, Elaine Hylek, Mark Alberts, Kevin Anstrom, Peter Berger, Michael Dorsch, Gerald Naccarelli, Kevin Thomas, Robert Zambon, Gregory Ferrmann, Duke Clinical Research Institute, Durham, NC, USA

1:25 p.m.
Question and Answer

1:30 p.m.
Long-Term Treatment With Apixaban of Participants Following Conclusion of AVERROES
Alexander Benz, John Eikelboom, Salim Yusuf, Stefan Hohnloser, Heather Beresh, Kumar Ramakrishna, Stuart J. Connolly, Population Health Research Institute, Hamilton, Canada

1:40 p.m.
Question and Answer
Congenital Heart Disease - Scientific
Session #752
Practicing Prevention in Pediatric and Adult Congenital Cardiology Clinics
Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
Room 338
CME Hours: 1.25 /CNE Hours: 1.25
Co-Chair: Carissa Baker-Smith
Co-Chair: Michael R. Brumund

12:30 p.m.
Case Presentation: TBD
Vandana Racherla
Baltimore, MD

12:35 p.m.
Cardiac Rehabilitation in Adult Congenital Heart Disease: Indications and Efficacy
Sall Ginde
Milwaukee, WI

12:46 p.m.
Discussion

12:49 p.m.
Hypertension: New Pediatric Guidelines and the Role of Ambulatory Monitoring and Echocardiography
Justin Zachariah
Houston, TX

1:00 p.m.
Discussion

1:03 p.m.
Obesity: The Most Effective Weight Loss Interventions for School-age Children
Mary Alice Younger
New Orleans, LA

1:14 p.m.
Discussion

1:17 p.m.
Hypercholesterolemia: Use of Statins in Children With Repaired Congenital Heart Disease
Julie Brothers
Philadelphia, PA

1:28 p.m.
Discussion

1:31 p.m.
Vaping: What Every Cardiologist Needs to Know
Holly R. Middlekauff
Los Angeles, CA

1:42 p.m.
Discussion

Congenital Heart Disease - Moderated Poster Contributions
Session #1056
Fetal Cardiology: Quickening Discoveries
Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
Congenital Heart Disease and Pulmonary Hypertension Moderated Poster Theater, Poster Hall, Hall F
CME Hours: /CNE Hours:

ACC Poster Moderator: Piers C. A. Barker
ACC Poster Moderator: Rupali Gandhi

12:30 p.m.
Damaging Genetic Variants in Pro-Angiogenic Genes Impair Growth in Fetuses With Critical Congenital Cardiac Defects
Mark W. Russell, Julie S. Moldenhauer, Jack Rychik, Nancy Burnham, Samuel I. Parry, Rebecca Simmons, Michal Elovitz, Susan Nicolson, Rebecca Linn, Mark P. Johnson, Sunkyung Yu, Matthew Sampson, Hakon Hakonarson, J. William Gaynor, University of Michigan, Ann Arbor, MI, USA, Children’s Hospital of Philadelphia, Philadelphia, PA, USA

12:40 p.m.
Question and Answer

12:45 p.m.
Fetal Cardiac Intervention in Aortic Stenosis and Aortic Atresia With Severe Mitral Regurgitation: A Report of the International Fetal Cardiac Intervention Registry (IFCIR)
Marco Rodriguez, Betul Yilmaz, Anita Moon-Grady, Aimee Armstrong, Michele Frommelt, Joanna Dangel, Alberto Galindo, Sofia Grinenco, Monique Haak, Ulrike Herberg, Edgar Jaeggi, Adam Kolesnik, Sophie Malekzadeh-Milani, Pablo Marantz, Owen Miller, Dick Oepkes, Carlos Pedra, Simone Pedra, Athar Qureshi, John Simpson, James Strainic, Shaine Morris, for the IFCIR Participants, Baylor College of Medicine, Houston, TX, USA, Texas Children’s Hospital, Houston, TX, USA

12:55 p.m.
Question and Answer

1:00 p.m.
Identifying Socioeconomic and Geographic Barriers to Prenatal Detection of Hypoplastic Left Heart Syndrome and Transposition of the Great Arteries

1:10 p.m.
Question and Answer

1:15 p.m.
Trends in the Rate of Congenital Heart Defects in Neonates With Down Syndrome
Stephen A. Hart, Deipanjan Nandi, Clifford Cua, Nationwide Children’s Hospital, Columbus, OH, USA

1:25 p.m.
Question and Answer

1:30 p.m.
Diagnostic Accuracy of Fetal Echocardiography in Major Congenital Heart Disease
Namrita Mozumdar, John Rowland, Hari Rajagopal, Miwa Geiger, Shubhika Srivastava, Kenan Stern, Icahn School of Medicine at Mount Sinai, New York, NY, USA
1:40 p.m.
Question and Answer

Heart Failure and Cardiomyopathies - Scientific Session #516
Heart Failure: From Guidelines to Real World
Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
Room La Nouvelle B
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Michele Massimo Gulizia
Co-Chair: Srinivas Murali
Co-Chair: Abdullah Shehab

12:30 p.m.
International Guidelines: Heart Failure EF-based Classification is Still Applicable for HFmrEF
Domenico Gabrielli
Fermo Marz, Italy

12:42 p.m.
HFmrEF Patient in Clinical Stability at Discharge: How to Evaluate It?
Ciro Indolfi
Catanzaro, Italy

12:54 p.m.
Advanced HErrE Solutions: The Value of Cross-Border Collaboration to Establish Successful Heart Transplant Programs
Gurjyot Bajwa
Abu Dhabi, United Arab Emirates

1:06 p.m.
Enhancing the Role of Nurses in the Management of HF in Developing Countries - Real World Data from UAE
Feras Bader
Abu Dhabi, United Arab Emirates

1:28 p.m.
Question and Answer

Heart Failure and Cardiomyopathies - Scientific Session #754
Careers in Heart Failure and Transplant Symposium
Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
Room 254
CME Hours: 0 /CNE Hours: 0

Co-Chair: Biykem Bozkurt
Co-Chair: Shashank S. Sinha

12:30 p.m.
Advanced Heart Failure and Transplant Physician: Past, Present and Future
Lynne Warner Stevenson
Nashville, TN

12:55 p.m.
Management of HF in Hospice: How to Manage Advanced Heart Failure
Colleen McIlvennan
Denver, CO

1:05 p.m.
Case Presentation: Managing a Patient With Cardiac Devices at the End of Life
Esther Pak
North Wales, PA

1:18 p.m.
Advance Directives, Prognostication and Transition to Palliative Care With My Patient
Sarah Goodlin
Portland, OR

1:28 p.m.
Question and Answer

Heart Failure and Cardiomyopathies - Scientific Session #753
Being Mortal: End of Life Care For Patients With Heart Failure
Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
Room 257
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Caroline Lloyd Doherty
Co-Chair: Savitri E. Fedson

12:30 p.m.
The Evidence and Critical Need for Palliative Care Interventions
Joseph G. Rogers
Durham, NC

12:40 p.m.
Case Presentation: Palliative Care and the Patient and Provider Perspective
Shelley Thompson
Durham, NC
Heart Failure and Cardiomyopathies - Moderated Poster Contributions
Session #1057

Heart Failure and Cardiomyopathies: Latest Discoveries in Basic, Translational, and Clinical Science
Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
Heart Failure and Cardiomyopathies Moderated Poster Theater, Poster Hall, Hall F
CME Hours: /CNE Hours:

ACC Poster Moderator: Issei Komuro
ACC Poster Moderator: Myung H. Park

12:30 p.m.
Machine Learning Algorithm Using 8 Commonly Acquired Clinical Variables Accurately Predicts Mortality in Heart Failure
Eric Adler, Adriaan Voors, Liviu Klein, Fima Macheret, Iziah Sama, Oscar Braun, Marcus Urey, Wenhong Zhu, Matevz Tadel, Claudio Campagnari, Barry Greenberg, Avi Yagil, University of California San Diego, La Jolla, CA, USA

12:40 p.m.
Question and Answer

12:45 p.m.
Deep Phenotyping and Prediction of Long-Term Heart Failure by Machine Learning
Xiaodong Zhuang, Xiuting Sun, Xiangbin Zhong, Huimin Zhou, Shaozhao Zhang, Xinxue Liao, Cardiology Department, First Affiliated Hospital of Sun Yat-Sen University, Guangzhou, People's Republic of China

12:55 p.m.
Question and Answer

1:00 p.m.
Effect of Omecamtiv Mecarbil in Patients With Atrial Fibrillation and Heart Failure With Reduced Ejection Fraction: Results From COSMIC-HF
John R. Teerlink, G. Michael Felker, John McMurray, Scott Solomon, John Cleland, Steven Goldsmith, Christopher Kertz, Gustavo Buchele, Jason Legg, Fady Malik, Narimon Honarpour, COSMIC-HF Investigators, San Francisco Veterans Affairs Medical Center/UCSF, San Francisco, CA, USA

1:10 p.m.
Question and Answer

1:15 p.m.
Ultrasound Targeted Delivery of Exosomes Secreted From CXCR4 Overexpressing Adipose Mesenchymal Stem Cell Promote Endogenous Repair After Myocardial Infarction
Qing Deng, Yi-Jia Wang, Dan Jia, Sikai Chen, Yuan-Ting Yang, Qing Zhou, Renmin Hospital of Wuhan University, Wuhan, People’s Republic of China

1:25 p.m.
Question and Answer

1:30 p.m.
Natural O-Glycans on Atrial Natriuretic Peptide Attenuate the Acute Renal and Cardiovascular Actions in vivo
Lasse Hansen, Yang Chen, Dzhoyashvili Nina, Gerald Harders, Jeson Sangaralingham, Thomas Madsen, Henrik Clausen, Jens Rehfeld, Katrine Schjoldager, John Burnett, Jens Goetze, Mayo Clinic, Rochester, MN, USA, Rigshospitalet and Copenhagen Center for Glycomics, Copenhagen, Denmark

1:40 p.m.
Question and Answer

Interventional Cardiology - Scientific Session #756
Highlights in Non-valvular Structural Intervention
Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
Room 208
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Uzoma N. Ibebuogu
Co-Chair: Matthew J. Price
Panelist: Roseanne Palmer
Panelist: John D. Carroll
Panelist: Vivek Yerrapu Reddy
Panelist: Lars Sondergaard

12:30 p.m.
Defining the Role of LAA Closure for Stroke Prevention in Atrial Fibrillation
Josep Rodes-Cabau
Quebec, Canada

12:40 p.m.
Panel Discussion With Audience Question and Answer

12:47 p.m.
Iatrogenic ASD Devices for Heart Failure: Proof of Principle and Potential Impact on Patient Care
Sanjiv Jayendra Shah
Chicago, IL

12:57 p.m.
Panel Discussion With Audience Question and Answer

1:04 p.m.
PFO Closure for Cryptogenic Stroke: Synthesis of the Data and its Application to Clinical Practice
Richard A. Krasuski
Chapel Hill, NC

1:14 p.m.
Panel Discussion With Audience Question and Answer

1:21 p.m.
ASDs, VSDs, ParaValvular Leak: Device First, Not Surgery?
Charanjit S. Rihal
Rochester, MN

1:31 p.m.
Panel Discussion With Audience Question and Answer

Interventional Cardiology - Scientific Session #757
Complex Angioplasty: Controversies in Procedural Decision Making
Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
Room 206
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Elizabeth Mary Holper
Co-Chair: Syed Tanveer Rab
Panelist: Donald E. Cutlip
Panelist: John J. Lopez
Panelist: Anand Prasad
Panelist: Alan C. Yeung

12:30 p.m.
Case Presentation
Syed Tanveer Rab
Duluth, GA
12:31 p.m.
Cardiac Arrest With Cardiogenic Shock- D2B PCI Then Impella
Alexander Truesdell
McLean, VA

12:36 p.m.
Cardiac Arrest With Cardiogenic Shock- DTU Impella First, Then PCI
Perwaiz Meraj
Oyster Bay Cove, NY

12:41 p.m.
Panel Discussion With Audience Question and Answer

12:49 p.m.
Case Presentation
Elizabeth Mary Holper
Dallas, TX

12:50 p.m.
STEMI With Shock-I Will Treat all Lesions
Michele Doughty Voeltz
Detroit, MI

12:55 p.m.
STEMI With Shock-Treat Culprit Lesion Only
Jacqueline Tamis Holland
NYC, NY

1:00 p.m.
Panel Discussion With Audience Question and Answer

1:07 p.m.
Case Presentation
Syed Tanveer Rab
Duluth, GA

1:08 p.m.
Left Main Bifurcation Lesion-Provisional Stenting Will Work
Yves Louvard
F-91300 Massy, France

1:13 p.m.
Left Main Bifurcation Lesion-No, DK Crush Will Give a Durable Result
Shaoliang Chen
210006 Nanjing Jiangsu, China

1:18 p.m.
Panel Discussion With Audience Question and Answer

1:26 p.m.
Case Presentation
Elizabeth Mary Holper
Dallas, TX

1:27 p.m.
Long Calcified LAD Lesion-Rotational Atherectomy Will Do
Samin K. Sharma
New York, NY

1:32 p.m.
Long Calcified LAD lesion-Orbital Atherectomy is Better
Gautam Kumar
Atlanta, GA

1:37 p.m.
Panel Discussion With Audience Question and Answer
Interventional Cardiology - Moderated Poster Contributions
Session #1058
Polygamy of Polymers and Stents: Reconciling Differences in Outcomes
Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
Interventional Cardiology Moderated Poster Theater, Poster Hall, Hall F
CME Hours: /CNE Hours: 

ACC Poster Moderator: John Thomas Saxon

12:30 p.m.
Left Main- and Non-Left Main-Related Events After Revascularization: Insights From the EXCEL Trial
Akiko Fujino, Akiko Maehara, Masaru Ishida, Ioanna Kosmidou, Gary Mintz, Patrick W. Serruys, Arie P. Kappetein, John Puskas, David Kandzari, Ori Ben-Yefuda, Ovidiu Dressier, Marie C. Morice, David Taggart, Bela Merkely, Ferenc Horkay, Joseph Sabik, Gregg Stone, Columbia University Medical Center/Cardiovascular Research Foundation, New York, NY, USA

12:40 p.m.
Question and Answer

12:45 p.m.
Very Long-Term Clinical Outcomes Following Implantation of Biodegradable Polymer Versus Durable Polymer Drug-Eluting Stent: A Systematic Review and Meta-Analysis
Satoshi Suzuki, Yohei Sotomi, Pannipa Suwannsom, Tomoaki Kobayashi, Atsushi Hirayama, Yoshiharu Higuchi, Osaka Police Hospital, Osaka, Japan

12:55 p.m.
Question and Answer

1:00 p.m.
Safety and Efficacy of the Bioabsorbable Polymer Everolimus Eluting Stent Compared to the 2nd Generation Durable Polymer Everolimus Eluting Stents in Complex Coronary Lesions
Natraj Katta, Usman Baber, Nitin Barman, Asaad Khan, Joseph Sweeney, Neil Patel, Ruchir Patel, Choudhury Hasan, Roxana Mehran, Samin Sharma, Annapoorna Kini, Icahn School of Medicine at Mount Sinai, New York, NY, USA

1:10 p.m.
Question and Answer

1:15 p.m.
An Updated Meta-Analysis Comparing New Generation Drug-Eluting Stents to Bare Metal Stents With a Single Month of Dual Antiplatelet Therapy
Rahman Shah, Babar Khan, Khalid Najib, Kirstin Hesterberg, Aranyak Rawal, Samuel Latham, UTHSC, Memphis, TN, USA, VA Hospital, Memphis, TN, USA

1:25 p.m.
Question and Answer

1:30 p.m.
A Meta-Analysis of Randomized Trials Comparing Long-Term (5-Year) Safety and Efficacy of Biodegradable Polymer Drug-Eluting Stents With New Generation Durable Polymer Drug-Eluting Stents
Khalid Najib, Farhan Ashraf, Babar Khan, Aranyak Rawal, Rahman Shah, University of Tennessee Health Science Center, Memphis, TN, USA

1:40 p.m.
Question and Answer

Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Scientific
Session #755
Comprehensive Echocardiographic Assessment of Valvular Heart Disease
Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
Room 244
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Catherine M. Otto
Co-Chair: William A. Zoghbi

12:30 p.m.
Aortic Stenosis: Make the Right Measurements
Smadar Kort
Stony Brook, NY

1:06 p.m.
Mitrail Regurgitation: PISA and Beyond
Maurice Enriquez-Sarano
Rochester, MN

1:18 p.m.
Comprehensive Assessment of Tricuspid Regurgitation
Judy W. Hung
Boston, MA

1:30 p.m.
Question and Answer

Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Moderated Poster Contributions
Session #1059
Advances in Cardiac MRI
Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
ACC Poster Moderator: Colin Berry
ACC Poster Moderator: Gaby Weissman

12:30 p.m.
The Effect of Abdominal Obesity on Cardiovascular Function and Disease: A Population Based Magnetic Resonance Imaging Study of the UK Biobank

12:40 p.m.
Question and Answer

12:45 p.m.
Prognostic Implications of Blunted Feature Tracking Global Longitudinal Strain During Cardiovascular Magnetic Resonance (CMR) Stress Imaging
Ben Romer, Simone Romano, Kaleigh Evans, Michael Trybula, Afshin Farzaneh-Far, University of Illinois, Chicago, IL, USA, University of Verona, Verona, Italy

12:55 p.m.
Question and Answer
1:00 p.m.
Dynamic Cardiac Magnetic Resonance Fingerprinting: Phantom Validation and First Application During Vasoactive Breathing Maneuvers
Luuk Hopman, Elizabeth Hillier, Yuchi Liu, Jesse Hamilton, Nicole Seiberlich, Matthias Friedrich, Research Institute of the McGill University Health Centre, Montreal, Canada, Case Western Reserve University, Cleveland, OH, USA

1:10 p.m.
Question and Answer

1:15 p.m.
Regional Replacement and Diffuse Interstitial Left Ventricular Fibrosis in Chronic Aortic Valve Regurgitation Assessed by Cardiac Magnetic Resonance
Dany Debs, Alpana Senapati, Maan Malahfji, Eric Yang, Dipan Shah, Houston Methodist DeBakey Heart and Vascular Center, Houston, TX, USA

1:25 p.m.
Question and Answer

1:30 p.m.
Pre-Ablation Left Atrial Function and Fibrosis Predicts Atrial Fibrillation Recurrence: Cardiac Magnetic Resonance Study
Ibolya Csucs, Takanori Yamaguchi, Mobin Kherrickhan, David Peritz, Alan Morris, Eugene Kholmovski, Gagandeep Kaur, Bosten Loveless, Benjamin Hardisty, Bela Merkely, Brent Wilson, Nassir Marrouche, Comprehensive Arrhythmia Research & Management Center, Salt Lake City, UT, USA

1:40 p.m.
Question and Answer

Non-Certified Industry Events - Learning Destinations
Session #4211
TBD
Monday, March 18, 2019, 12:30 p.m. - 1:00 p.m.
Expo Hall 2519-Innovation Stage
CME Hours: /CNE Hours:
12:30 p.m.
Tbd

Prevention - Scientific
Session #760
Beyond the New Hypertension Guidelines: Understanding & Implementing in Current Practice
Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
Room 225
CME Hours: 1.25 /CNE Hours: 1.25
Co-Chair: David Brasil
Co-Chair: Nanette Kass Wenger

12:30 p.m.
What’s Changed - Executive Summary
Cheryl Dennison
Baltimore, MD

12:37 p.m.
What’s Lifestyle Got to Do With It? How Diet, Exercise & Stress Matter
Kim Allan Williams, SR
Chicago, IL

12:45 p.m.
Practical Treatment Approaches in Common Situations
Eugene Yang
Bellevue, WA

12:53 p.m.
Practical Treatment Approaches in Uncommon Situations
William C. Cushman
Memphis, TN

1:01 p.m.
Debate, Pro: We Should Have Left it Alone: JNC7 Was Just Fine
Tyler J. Gluckman
Portland, OR

1:11 p.m.
Debate, Con: we Should Have Left it Alone: JNC7 was Just Fine
Donald E. Casey, JR
Chicago, IL

1:21 p.m.
Ask the Experts – Audience Question and Answer

12:48 p.m.
My Patient’s 10-Year ASCVD Risk is 6% is There Anything Else in the History That I Need to Ask?
Parag Joshi
Dallas, TX

12:56 p.m.
Panel Discussion

1:06 p.m.
My ASCVD Patient’s LDL-C is 80 mg/dL. Should I Use A PCSK9 Inhibitor?
Anurag Mehta
Atlanta, GA

1:14 p.m.
Panel Discussion

1:24 p.m.
Audience Question and Answer
1:31 p.m.
Rebuttal, Con

Prevention - Moderated Poster Contributions
Session #1060
Novel Risk Markers and Cardiovascular Disease Events
Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
Prevention Moderated Poster Theater, Poster Hall, Hall F
CME Hours: /CNE Hours:

ACC Poster Moderator: Sergio Fazio
ACC Poster Moderator: Sadberk Lale Tokgozoglu

12:30 p.m.
Rare Protein-Truncating Variants in APOB Associate With Lower Low-Density Lipoprotein Cholesterol, Lower Triglycerides, and Reduced Risk of Coronary Heart Disease
Akihiro Nomura, Gina Peloso, Amit V. Khera, Mark Chaffin, Hong-Hee Won, Atsushi Nohara, Masa-Aki Kawashiri, Hayato Tada, Myocardial Infarction Genetics Consortium, DiscovEHR Study Group, Frederick Dewey, Sekar Kathiresan, Broad Institute, Boston, MA, USA, Kanazawa University, Kanazawa, Japan

12:40 p.m.
Question and Answer

12:45 p.m.
Risks of Incident Cardiovascular Disease Associated With Concomitant Elevations in Lipoprotein(a) and Low-Density Lipoprotein Cholesterol: The Framingham Heart Study
Mehdi Afshar, Jian Rong, Yang Zhan, Hao Yu Chen, James Engert, Allan Sniderman, Martin Larson, Vasan Ramachandran, George Thanassoulis, McGill University, Montreal, Canada, Framingham Heart Study, Framingham, MA, USA

12:55 p.m.
Question and Answer

1:00 p.m.
Lipoprotein(a) Protein Concentration and Apolipoprotein(a) Kringle IV Isoforms Among Black US Adults With and Without PCSK9 Loss-of-Function Variants
Matthew Mefford, Santica Marcovina, Vera Bittner, Mary Cushman, Todd Brown, Michael Farkouh, Keri Monda, J. Antonio Lopez, Paul Muntner, Robert Rosenson, University of Alabama at Birmingham, Birmingham, AL, USA

1:10 p.m.
Question and Answer

1:15 p.m.
Increased Residual Cardiovascular Risk in US Veterans and Monerately-Elevated Baseline Triglycerides and Well-Controlled LDL-C Levels on Statins
Sarah Leatherman, Ryan Ferguson, Isabelle Weir, Cynthia Hau, Craig Granowitz, Kelly Harrington, Sephy Philip, Peter Toth, Deepak L. Bhatt, William Boden, VA Boston Healthcare System, Boston, MA, USA, Amarin Corporation, Bedminster, NJ, USA

1:25 p.m.
Question and Answer

1:30 p.m.
Association of Serum Lipoprotein (a) Levels and Coronary Atheroma Volume by Intravascular Ultrasound
Chetan Huded, Rishi Puri, Stephen Nicholls, Kathy Wolski, Steven Nissen, Leslie Cho, Cleveland Clinic, Cleveland, OH, USA

1:40 p.m.
Question and Answer

Special - Special
Session #411
Best of JACC Journals and Eugene Braunwald Keynote
Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
ACC.19 Main Tent (Great Hall)
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Valentin Fuster
Co-Chair: David J. Moliterno

12:30 p.m.
Best of JACC 2018
Valentin Fuster
New York, NY

12:37 p.m.
Best of JACC: Interventions 2018
David J. Moliterno
Lexington, KY

12:44 p.m.
Best of JACC: Imaging 2018
Y. S. Chandrashekhar
Minneapolis, MN

12:51 p.m.
Best of JACC: Heart Failure 2018
Christopher M. O'Connor
Arlington, VA

12:58 p.m.
Best of JACC: Electrophysiology 2018
David J. Wilber
Maywood, IL

1:05 p.m.
Best of JACC: Basic to Translational Science 2018
Douglas L. Mann
Saint Louis, MO

1:12 p.m.
Introduction of Eugene Braunwald Lecturer: Paul J. Ridker, MD, FACC
Valentin Fuster
New York, NY

1:15 p.m.
Braunwald Keynote: 100 Years from CRP to Anti-Cytokine Therapy for Atherosclerosis
Paul M. Ridker
Boston, MA

1:35 p.m.
Panel Discussion with Audience Question and Answer

Special - Late-Breaking Clinical Trials
Session #412
Deep Dive II
Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
Room La Nouvelle C
CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m.
Deep Dive II
Succeeding in Alternative Payment Models

Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
Room 352

Co-Chair: Linda D. Gillam
Co-Chair: Paul N. Casale

12:30 p.m.
Operating Successfully in the Maryland State Model
Scott Berkowitz
Baltimore, MD

12:43 p.m.
Operating Successfully in a NextGen ACO
Akshay K. Khandelwal
Detroit, MI

12:56 p.m.
Operating Successfully in a Medicare Shared Savings Plan ACO
William Borden
Washington, DC

1:09 p.m.
Panel Discussion and Question/Answer

Valvular Heart Disease - Scientific Session #762
Pitfalls in Valve Intervention
Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
Room 220

Co-Chair: Adnan Chhatriwalla
Co-Chair: Paul Sorajja

12:30 p.m.
TAVR Thrombosis: A Real Problem for Your Practice?
Santiago Garcia
Minneapolis, MN

12:40 p.m.
Patient Prosthesis Mismatch in Surgical and Transcatheter Valve Therapy
Adnan Chhatriwalla
Kansas City, MO

12:50 p.m.
Mechanical Prostheses are Still Relevant: Who Deserves Them?
Michael J. Mack
Plano, TX

1:00 p.m.
Why Does a Patient get Mitral Replacement Instead of Repair?
Gorav Ailawadi
Charlottesville, VA

1:10 p.m.
Question and Answer

1:15 p.m.
The Elephant in the Conduit: Bacteremia in a Patient With Tetralogy of Fallot and a Transcatheter Pulmonary Valve Replacement
Ada C. Stefanescu Schmidt, Nicola Maschietto, Sitaram Emani, Disty Pearson, William Kerr, James H. Maguire, Michael Landzberg, Boston Children's Hospital, Boston, MA, USA

1:25 p.m.
Question and Answer

1:30 p.m.
Prominent Eustachian Valve and Atrial Septal Defect Presenting With Chronic Cyanosis in a Teenager
Daphney Kernizan, Amr Matooq, Rami M. Kharouf, Nemours/Alfred I. duPont Hospital for Children, Wilmington, DE, USA

1:40 p.m.
Question and Answer

1:45 p.m.
Low-risk Management of Mechanical Valve Thrombosis
Sorin Pislaru
Rochester, MN

2:00 p.m.
Transcatheter vs. Surgical Prosthetic Valve Durability in 2019
Alan Zajarias
Saint Louis, MO

2:10 p.m.
Question and Answer

2:15 p.m.
Beyond Scimitar Syndrome: A Unique Combination of Complex Congenital Heart Disease
Kelly Paschke, Mouin Abdallah, James Gentry, Serge Harb, Joanna Ghobrial, Hani Najm, David Majdalany, Cleveland Clinic Foundation, Cleveland, OH, USA

2:25 p.m.
Question and Answer

2:30 p.m.
Beyond Scimitar Syndrome: A Unique Combination of Complex Congenital Heart Disease
Kelly Paschke, Mouin Abdallah, James Gentry, Serge Harb, Joanna Ghobrial, Hani Najm, David Majdalany, Cleveland Clinic Foundation, Cleveland, OH, USA

2:40 p.m.
Question and Answer
Vascular Medicine - Scientific Session #763
Ambulation to Rivaroxaban: Branching Outside the Coronaries
Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
Room 238
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Naomi Hamburg
Co-Chair: William R. Hiatt

12:30 p.m.
A Patient With Claudication and Diabetes
Stanislav Henkin
Lebanon, NH

12:40 p.m.
How to Start a PAD Supervised Exercise Therapy Program
Diane Treat-Jacobson
Minneapolis, MN

12:47 p.m.
Anti-Thrombotic Strategies in PAD
William R. Hiatt
Aurora, CO

12:54 p.m.
Panel Discussion - Exercise Therapy in PAD - Opportunities and Practical Tips
Panelist: Tracie C. Collins
Panelist: Andrew Gardner
Panelist: Donna M. Polk
Panelist: Diane Treat-Jacobson

1:04 p.m.
Panel Discussion - Tailoring Antithrombotic Therapy - Which Treatment for Which Patient
Panelist: Connie Ng Hess
Panelist: Lee Kirksey
Panelist: Andrea Obi
Panelist: Ruby Chang

1:15 p.m.
Panel Discussion - Exercise Therapy in PAD - Opportunities and Practical Tips
Panelist: Tracie C. Collins
Panelist: Andrew Gardner
Panelist: Donna M. Polk
Panelist: Diane Treat-Jacobson

1:25 p.m.
Debate: ABI - We Should Screen all High Risk Patients (Pro)
Joshua A. Beckman
Nashville, TN

1:32 p.m.
Debate: ABI - We Only Test in Those With Signs or Symptoms (Con)
Scott Kinlay
West Roxbury, MA

1:41 p.m.
Debate Rebuttal - Con

1:43 p.m.
ARS - Debate - Pre Question - Who Should Have ABI?

Vascular Medicine - Core Curriculum Session #813
Core Curriculum: Update on Management of Peripheral Vascular Disease
Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
Room 343
CME Hours: 1.25 /CNE Hours: 1.25

Chair: Faisal Latif

12:30 p.m.
Optimizing Medical Therapy in PAD
Heather L. Gornik
Cleveland, OH

12:45 p.m.
What to do when medical therapy is not enough?
Herbert D. Aronow
East Greenwich, RI

1:00 p.m.
Is Renal Artery Intervention Dead?
Sreekanth Vemulapalli
Durham, NC

1:15 p.m.
Panel Discussion Moderator
Faisal Latif
Oklahoma City, OK

1:15 p.m.
Panel Discussion with Question and Answer

Vascular Medicine - Moderated Poster Contributions Session #1061
The Greatest Artery: The Aorta and Its Complications
Monday, March 18, 2019, 12:30 p.m. - 1:45 p.m.
Valvular Heart Disease and Vascular Medicine Moderated Poster Theater, Poster Hall, Hall F
CME Hours: /CNE Hours:

ACC Poster Moderator: Umberto Campia
ACC Poster Moderator: Christina Fanola

12:30 p.m.
Nationwide Readmissions Following Hospitalization For Acute Type B Aortic Dissection
Brett Carroll, Eric Secemsky, Kevin Kennedy, Nicholas J. Sweedlow, Marc Schermerhorn, Robert Yeh, Beth Israel Deaconess Medical Center, Boston, MA, USA

1:40 p.m.
Question and Answer

12:45 p.m.
Neurological Event Rates and Associated Risk Factors in Acute Type B Aortic Dissections Treated Endovascularly
12:55 p.m.  
Question and Answer

1:00 p.m.  
Initial Experience Performing a Simulated Transseptal Puncture With a Virtual Reality Head Mounted Display Catheter Navigation System  
Ryan James, Wayne L. Monsky, Stephen Seslar, University of Washington, Seattle, WA, USA

1:10 p.m.  
Question and Answer

1:15 p.m.  
Trends in Incidence, Management, and Short Term Outcomes of Aortic Dissection  
Erick Sun, Shinobu Itagaki, Nana Toyoda, Natalia Egorova, Joanna Chikwe, Icahn School of Medicine at Mount Sinai, New York, NY, USA, Cardiothoracic Surgery Division at Stony Brook Medicine, Stony Brook, NY, USA

1:25 p.m.  
Question and Answer

1:30 p.m.  
In-Hospital Management and Outcomes in Patients With Marfan Syndrome Admitted With Aortic Dissection: Results From the National Inpatient Sample (NIS) Database  
Matthew Lippmann, Siva Sagar Taduru, Trip Zorn, Gregory Muehlebach, Emmanuel Daon, Travis Abicht, Jeffrey Kramer, Kamal Gupta, University of Kansas Medical Center, Kansas City, KS, USA

1:40 p.m.  
Question and Answer

**Acute and Stable Ischemic Heart Disease - Scientific Session #764**  
**Diagnosis Testing in Older Adult Patients with Coronary Artery Disease: Choosing Wisely**  
**Monday, March 18, 2019, 2:00 p.m. - 3:30 p.m.**  
**Room 357**  
**CME Hours: 1.5 /CNE Hours: 1.5**

Co-Chair: Eric D. Peterson  
Co-Chair: John A. Spertus  
Panelist: Karen P. Alexander  
Panelist: James N. Kirkpatrick  
Panelist: Adam H. Skolnick

2:00 p.m.  
Complex Multimorbid Elderly Patient Admitted With Chest Pain and Mildly Elevated Troponin  
Deena Goldwater  
Los Angeles, CA

2:05 p.m.  
Case 1- Presentation of Patient With INOCA  
Margo Minissian  
Los Angeles, CA

2:10 p.m.  
Syndrome X Versus Microvascular Dysfunction: What's the Difference?  
Ankur Gupta  
Boston, MA

2:17 p.m.  
INOCA Evaluation: Invasive and Noninvasive Methods  
Janet Wei  
Los Angeles, CA

2:29 p.m.  
Case 2- Presentation of Patient With INOCA  
Margo Minissian  
Los Angeles, CA

2:34 p.m.  
Coronary Flow Reserve: Diagnostic and Prognostic Impact  
Philipp A. Kaufmann  
Zurich, Switzerland

2:46 p.m.  
Treatment of INOCA: Empiric Clinical Therapy Versus Hard Data  
C. Noel Bairey Merz  
Los Angeles, CA
Panel Discussion With the Experts

2:58 p.m.

Audience ARS Question
Jamieson Bourque
Charlottesville, VA

3:15 p.m.

Audience ARS Question
Marcelo Di Carli
Boston, MA

Arrhythmias and Clinical EP - ACC Section Highlights
Session #1400
Arrhythmias and Clinical EP Highlights Session
Monday, March 18, 2019, 2:00 p.m. - 3:30 p.m.
Room 355
CME Hours: /CNE Hours:

Chair: John D. Fisher
Co-Chair: Dhanunjaya R. Lakkireddy

2:00 p.m.
Welcome and Introduction of Panelists
Dhanunjaya R. Lakkireddy
Leawood, KS

2:05 p.m.
Highlights in AFib
Andrea Natale
Austin, TX

2:15 p.m.
Panel Discussion

2:20 p.m.
Highlights in Anti-Coagulation
Michael D. Ezekowitz
Villanova, PA

2:30 p.m.
Panel Discussion

2:35 p.m.
Highlights in ACC/AHA/HRS Guidelines
Brian Olshansky
Iowa City, IA

2:45 p.m.
Panel Discussion

2:50 p.m.
Highlights in Cardiac Devices
TBD Tbd
Washington, DC

3:00 p.m.
Audience Question and Answer

3:05 p.m.
Panel Discussion

Congenital Heart Disease - Scientific
Session #766
Pregnancy and Women’s Health in Congenital Heart Disease
Monday, March 18, 2019, 2:00 p.m. - 3:30 p.m.
Room 338
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Jordan Awerbach
Co-Chair: Thomas W. Young

2:00 p.m.
Patient Perspective: Being Pregnant With Congenital Heart Disease
Patient Presenter

2:13 p.m.
Audience Discussion

2:18 p.m.
Counseling CHD Patients Before Pregnancy: Facts and the Future
Sabrina D. Phillips
Jacksonville, FL

2:31 p.m.
Audience Discussion

2:36 p.m.
Management of the Fontan Patient During Pregnancy: Blazing a Trail
Candice K. Silversides
Toronto, Canada

2:49 p.m.
Audience Discussion

2:54 p.m.
Delivery Dangers and Postpartum Pitfalls
Sara Thorne
Birmingham, United Kingdom

3:07 p.m.
Audience Discussion

3:12 p.m.
Contraception in Patients With Congenital Heart Disease: Choice and Challenges
Veronica Gillispie
New Orleans, LA

3:25 p.m.
Audience Discussion

Heart Failure and Cardiomyopathies - Scientific
Session #767
Biomarkers in Heart Failure: In Search of Precision Medicine
Monday, March 18, 2019, 2:00 p.m. - 3:30 p.m.
Room La Nouvelle B
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Lori B. Daniels
Co-Chair: David E. Lanfear

2:00 p.m.
Post-Mortem on BNP-Guided Therapy: What Went Wrong and is There Still Potential Utility?
G. Michael Felker
Durham, NC
2:12 p.m.
Novel Markers for Prognosis: Are any Incremental to Clinical Scores, Troponin and BNP?
Hanna Gaggin
Boston, MA

2:24 p.m.
Can Proteomics Partition PEF Pathophysiology?
Nancy K. Sweitzer
Tucson, AZ

2:36 p.m.
Metabolomics in HF - Emerging Clinical Utility or Just More Associations?
Svati Shah
Durham, NC

2:48 p.m.
Genetics/Genomics in Heart Failure: Where and When Will the Clinical Utility arrive?
Thomas Lumbers
London, United Kingdom

3:00 p.m.
Biomarkers and Precision Cardiology: What Is the Future and Incremental Value?
Peter P. Liu
Ottawa, Canada

3:12 p.m.
Question and Answer

Heart Failure and Cardiomyopathies - Scientific Session #768
Implantable Devices in Ambulatory Heart Failure: Working Under Pressure
Monday, March 18, 2019, 2:00 p.m. - 3:30 p.m.
Room 257
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: J. Thomas Heywood
Co-Chair: Celeste T. Williams

2:00 p.m.
Hemodynamic Monitoring in Heart Failure:Current State of Affairs
Celeste T. Williams
West Bloomfield, MI

2:12 p.m.
Setting up an Ambulatory Hemodynamic Clinic: The Essentials
Akshay S. Desai
Boston, MA

2:24 p.m.
Hemodynamic Management of Our LVAD Patients Using PA Sensors
Nir Uriel
Chicago, IL

2:36 p.m.
The use of PA Sensors: Cost Effectiveness and Value
Alex Sandhu
Stanford, CA

2:48 p.m.
Monitoring Systems for Heart Failure: What is in the pipeline?
Lee R. Goldberg
Philadelphia, PA
2:43 p.m.
Audience ARS Question: Top 3 Presentations in Acute Heart Failure/Cardiogenic Shock/Critical Care
Shashank S. Sinha
Arlington, VA

2:45 p.m.
Top 3 Presentations in LVAD/Transplantation
Jignesh K. Patel
Beverly Hills, CA

2:53 p.m.
Audience ARS Question: Top 3 Presentations in LVAD/Transplantation
Jignesh K. Patel
Beverly Hills, CA

2:55 p.m.
Top 3 Presentations in Pulmonary Hypertension
Myung H. Park
Houston, TX

3:03 p.m.
Audience ARS Question: Top 3 Presentations in Pulmonary Hypertension
Myung H. Park
Houston, TX

3:13 p.m.
Audience Question and Answer

Interventional Cardiology - Scientific Session #769
Concomitant Valve Disease Management: Patient-tailored Therapy for the Intermediate Risk Patient
Monday, March 18, 2019, 2:00 p.m. - 3:30 p.m.
Room 211
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Philippe Genereux
Co-Chair: Hasan Jilaihawi
Panelist: Amanda Kirby
Panelist: David R. Holmes, Jr
Panelist: Michael J. Mack
Panelist: Michael J. Reardon

2:00 p.m.
Aortic Stenosis With Multivessel CAD in 70-Year-Old Intermediate Risk Patient: SAVR/CABG vs TAVR/PCI
Marc Ruel
Ottawa, Canada

2:08 p.m.
Panel Discussion With Audience Question and Answer

2:15 p.m.
Ascending Thoracic Aneurysm With Aortic Stenosis
Toru Kuratani
Osaka, Japan

2:23 p.m.
Panel Discussion With Audience Question and Answer

2:30 p.m.
Moderate Organic MR: SAVR/MV Repair vs TAVR/Mitraclip vs TAVR Only
Michael Chu
London, Canada

2:38 p.m.
Panel Discussion With Audience Question and Answer

2:45 p.m.
Severe MR With Concomitant Tricuspid Insufficiency: MV/TV Repair vs. MitraClip Alone
Eric Lehr
Columbia, MD

2:53 p.m.
Panel Discussion With Audience Question and Answer

3:00 p.m.
Atrial Fibrillation With Severe Aortic Stenosis: SAVR/MAZE vs TAVR Only
Jonathan Philpott
Norfolk, VA

3:08 p.m.
Panel Discussion With Audience Question and Answer

3:15 p.m.
TAVR With Severe Ventricular Dysfunction and Pulmonary HTN: Valve Choice
Basel Ramlawi
Winchester, VA

3:23 p.m.
Panel Discussion With Audience Question and Answer

Interventional Cardiology - Scientific Session #770
Deep Dive in Influential Interventional Clinical Trials
Monday, March 18, 2019, 2:00 p.m. - 3:30 p.m.
Room 208
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: J. Dawn Abbott
Co-Chair: Duane S. Pinto
Panelist: M. Jenifer Kaufman

Interventional Cardiology - Scientific Session #771
Precision PCI: Use of Intravascular Imaging and Physiology to Optimize Results
Monday, March 18, 2019, 2:00 p.m. - 3:30 p.m.
Room 206
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Ziad A Ali
Co-Chair: Allen Jeremias
Panelist: Robert G. Baeten, II
Panelist: Akiko Maehara
Panelist: Habib Samady

2:00 p.m.
Case Presentation: Recurrent In-Stent Failure
Andrew Sharp
Exeter, United Kingdom

2:05 p.m.
The Concept of Precision PCI: OCT Guidance in Everyday Practice
Richard A. Shlofmitz
Roslyn, NY

2:15 p.m.
Case Presentation: Artificial Intelligence in Physiologic Lesion Mapping
Justin E. Davies
London, United Kingdom
2:20 p.m.
Would FFR Guided PCI Have Changed ORBITA Result?
Sayan Sen
London, United Kingdom

2:25 p.m.
Panel Discussion With Audience Question and Answer

2:35 p.m.
The Calcium Conundrum: Best Strategies to Recognize and Deal With Severely Calcified Lesions
Ziad Ali
New York, NY

2:45 p.m.
Case Presentation: Optimal Assessment of Intermediate Left Main Stenosis: IVUS, OCT or FFR?
Shing Fung Chui
Jordan, Hong Kong

2:50 p.m.
Case Presentation: Physiology Guidance of Side Branch PCI
Jung‐Min Ahn
Korea, Republic of

2:55 p.m.
Panel Discussion With Audience Question and Answer

3:05 p.m.
Intracoronary Imaging to Determine the Causes of ISR
Junbo Ge
Shanghai, China

3:15 p.m.
Case Presentation: Value of Post-PCI FFR
Nikolaos Kakouros
Worcester, MA

3:20 p.m.
Panel Discussion With Audience Question and Answer

Interventional Cardiology - Scientific Session #772
Quick Hitters: Current Controversies in Coronary Interventions
Monday, March 18, 2019, 2:00 p.m. - 3:30 p.m.
Room 203
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Alaine Chieffo
Co-Chair: Adhir Ramesh Shroff
Panelist: Amit P. Amin
Panelist: Linda A. Briggs
Panelist: Jeptha P. Curtis
Panelist: Kapildeo Lotun

2:00 p.m.
ARS Pre-Poll: Should the Results of the ORBITA Trial Change Your Practice?
Adhir Ramesh Shroff
Chicago, IL

2:03 p.m.
ORBITA Trial... Whatever! My Referring Docs and Patients Demand PCI
Mirvat A. Alasnag
Jeddah, Saudi Arabia

2:10 p.m.
ORBITA Trial Has Changed the Game in My Practice
Rasha Al-Lamee
London, United Kingdom

2:17 p.m.
ARS Post-Poll: Should the Results of the ORBITA Trial Change Your Practice?
Adhir Ramesh Shroff
Chicago, IL

2:20 p.m.
Panel Discussion With Audience Question and Answer

2:30 p.m.
ARS Pre-Poll: Should the Use of Hemodynamic Support Devices be Limited Until More Evidence Is Published?
Adhir Ramesh Shroff
Chicago, IL

2:33 p.m.
HD Support Is Difficult to Study but the Benefits are Clear in My Practice
Mauricio G. Cohen
Miami, FL

2:40 p.m.
HD Support Offers Minimal to No Clinical Benefit and Should Be Limited
William Myoungwon Suh
Hawthorne, CA

2:47 p.m.
ARS Post-Poll: Should the Use of Hemodynamic Support Devices be Limited Until More Evidence Is Published?
Adhir Ramesh Shroff
Chicago, IL

2:50 p.m.
Panel Discussion With Audience Question and Answer

3:00 p.m.
ARS Pre-Poll: CTO PCI: High Risk or High Reward?
Adhir Ramesh Shroff
Chicago, IL

3:10 p.m.
High Risk, Unclear Benefit
Jordan Glanzman Safirstein
Mountain Lakes, NJ

3:17 p.m.
ARS Post-Poll: CTO PCI: High Risk or High Reward?
Adhir Ramesh Shroff
Chicago, IL

3:20 p.m.
Panel Discussion With Audience Question and Answer

Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - ACC Section Highlights Session #1402
Imaging Highlights Session
Monday, March 18, 2019, 2:00 p.m. - 3:30 p.m.
Room 254
CME Hours: /CNE Hours:

Co-Chair: Todd C. Villines
2:00 p.m.  
#ACCimaging: The Social Media Response to Cardiovascular Imaging at ACC.19  
Andrew D. Choi  
Washington, DC

2:05 p.m.  
#ACCimaging: The Social Media Response to Cardiovascular Imaging at ACC.19  
Jeffrey Benjamin Geske  
Rochester, MN

2:10 p.m.  
#ACCimaging: The Social Media Response to Cardiovascular Imaging at ACC.19  
Purvi Parwani  
Redlands, CA

2:15 p.m.  
Highlights in Echocardiography  
Bo Xu  
Cleveland, OH

2:20 p.m.  
Highlights in Echocardiography  
Allan L. Klein  
Cleveland, OH

2:25 p.m.  
Question and Answer

2:30 p.m.  
Highlights in Nuclear Cardiology  
Viviany R. Taqueti  
Boston, MA

2:40 p.m.  
Question and Answer

2:45 p.m.  
Highlights in Cardiac MRI  
Paco E. Bravo  
Malvern, PA

2:50 p.m.  
Highlights in Cardiac MRI  
Victor A. Ferrari  
Philadelphia, PA

2:55 p.m.  
Question and Answer

3:00 p.m.  
Highlights in Cardiac CT  
James Chihong Lee  
Detroit, MI

3:05 p.m.  
Highlights in Cardiac CT  
Todd C. Villines  
Rockville, MD

3:10 p.m.  
Question and Answer

Prevention - ACC Section Highlights  
Session #1403  
Prevention of Cardiovascular Disease Highlights Session  
Monday, March 18, 2019, 2:00 p.m. - 3:30 p.m.  
Room 225

CME Hours:  /CNE Hours:

Co-Chair: Vera Bittner  
Co-Chair: Salim S. Virani

2:00 p.m.  
Welcome to Participants, Invitation to join the Prevention of CVD Section,  
and Introduction to the team and ARS

2:05 p.m.  
Top 3 Presentations in Hypertension Most Likely to Impact or Change Clinical  
Practice or Future Research Agenda  
Eugene Yang  
Mercer Island, WA

2:13 p.m.  
Audience ARS Question: Top 3 Presentations in Hypertension Most Likely to  
Impact or Change Clinical Practice or Future Research Agenda  
Eugene Yang  
Mercer Island, WA

2:23 p.m.  
Audience ARS Question: Top 3 Presentations in Diabetes Most Likely to Impact or Change Clinical Practice or Future Research Agenda  
Laurence S. Sperling  
Atlanta, GA

2:25 p.m.  
Top 3 Presentations in Diabetes Most Likely to Impact or Change Clinical Practice or Future Research Agenda  
Laurence S. Sperling  
Atlanta, GA

2:33 p.m.  
Audience ARS Question: Top 3 Presentations in Dyslipidemia Most Likely to Impact or Change Clinical Practice or Future Research Agenda  
Lynne T. Braun  
Chicago, IL

2:35 p.m.  
Top 3 Presentations in Nutrition/Lifestyle Most Likely to Impact or Change Clinical Practice or Future Research Agenda  
Andrew M. Freeman  
Denver, CO

2:43 p.m.  
Audience ARS Question: Top 3 Presentations in Nutrition/Lifestyle Most Likely to Impact or Change Clinical Practice or Future Research Agenda  
Andrew M. Freeman  
Denver, CO

2:45 p.m.  
Top 3 Presentations in Digital Innovation/ mHealth/ Precision Medicine Most Likely to Impact or Change Clinical Practice or Future Research Agenda  
Seth Shay Martin  
Baltimore, MD
2:53 p.m.
Audience ARS Question: Top 3 Presentations in Digital Innovation/ mHealth/ Precision Medicine Most Likely to Impact or Change Clinical Practice or Future Research Agenda
Seth Shay Martin
Baltimore, MD

2:55 p.m.
Top 3 Presentations in Global CVD Prevention Most Likely to Impact or Change Clinical Practice or Future Research Agenda
Clara Chow
Sydney, Australia

3:03 p.m.
Audience ARS Question: Top 3 Presentations in Global CVD Prevention Most Likely to Impact or Change Clinical Practice or Future Research Agenda
Clara Chow
Sydney, Australia

3:05 p.m.
Top 3 Presentation that Will Impact FITs/ Early Career Members Interested in Prevention
Donald Clark
Jackson, MS

3:13 p.m.
Audience ARS Question: Top 3 Presentation that Will Impact FITs/ Early Career Members Interested in Prevention
Donald Clark
Shaker Heights, OH

3:15 p.m.
Audience Question and Answer

Special - Late-Breaking Clinical Trials
Session #413
Featured Clinical Research III
Monday, March 18, 2019, 2:00 p.m. - 3:15 p.m.
Room La Nouvelle C
CME Hours: 1.25 / CNE Hours: 1.25

Chair: Michelle L. O'Donoghue
Co-Chair: James L. Januzzi
Panelist: Bart Duell
Panelist: Pamela Ouyang

2:00 p.m.
Impact of Alcohol Abstinence in Moderate Drinkers with Atrial Fibrillation: Results from the Alcohol-AF Randomized Controlled Trial
Aleksandr Voskoboinik, Jonathan Kalman, Thomas Nicholls, Shane Nanayakkara, Sandeep Prabhu, Dion Stub, Geoffrey Wong, Chrislian Nalliah, Harinharan Sugumar, Michael Wong, Emily Kotschet, David Kaye, Andrew Taylor, Peter Kistler, Baker Heart & Diabetes Institute, Melbourne, Australia, Alfred Hospital, Melbourne, Australia

2:10 p.m.
Panel Discussion

2:15 p.m.
Impact of ADcy9 on Response to Anacetrapib Among 20,000 Participants in the HPS3/TIMI55‐REVEAL Trial
Jemma Caroline Hopewell, HPS3/TIMI55 REVEAL Collaborative Group, University of Oxford, Oxford, United Kingdom

2:25 p.m.
Panel Discussion

2:30 p.m.
Lipoprotein(a) Lowering by Alirocumab Contributes to Total Events Reduction Independent of Low-Density Lipoprotein Cholesterol in the ODYSSEY OUTCOMES Trial
Vera Bittner, Michael Szarek, Philip Aylward, Deepak L. Bhatt, Rafael Diaz, Jay Edelberg, Zlatko Fras, Shaun Goodman, Sigrun Halvorsen, Corinne Hanotin, Robert Harrington, Johan Juukkunen, Virginie Loizeau, Patrick Moriarty, Angele Morusseyf, Robert Pordy, Matthew Roe, Peter Sinnaeve, Sotirios Tsimikas, Robert Vogel, Harvey White, Doron Zahger, Andreas Zeiher, Philippe Steg, Gregory Schwartz, University of Alabama at Birmingham, Birmingham, AL, USA, University of Colorado School of Medicine, Aurora, CO, USA

2:40 p.m.
Panel Discussion

2:45 p.m.
Dapagliflozin and Outcomes in Patients with Peripheral Artery Disease: Insights from DECLARE - TIMI 58
Marc P. Bonaca, Stephen Wiviott, Thomas Zelniker, Ofri Mosenzon, Remo Holanda De Mendonca Furtado, Erica Goodrich, Deepak L. Bhatt, Lawrence A. Leiter, Darren McGuire, John P.H. Wilding, Ingrid A.M. Gause-Nilsson, Per Johanson, Peter A. Johansson, Anna Maria Langkilde, Itamar Raz, Marc Sabatine, Brigham and Women's Hospital, Boston, MA, USA

2:55 p.m.
Panel Discussion

3:00 p.m.
Acute Aortic Dissection: Lessons Learned from 9000 Patients
Kim Eagle, Christoph Nienaber, Santi Trimbach, Himanshu Patel, Thomas Gleason, Daniel Montgomery, Reed Pyeritz, Arturo Evangelista-Masip, Alan Braverman, Derek Brinster, Marco Di Eusanio, Marek Ehrlich, Kevin Harris, Truls Myrmel, Eduardo Bossone, Eric Isselbacher, University of Michigan, Ann Arbor, MI, USA

3:10 p.m.
Panel Discussion

Special - Scientific Session #517
Tackling Rheumatic Heart Disease in Adults - A Global Perspective: Joint Symposium of the World Heart Federation and the American College of Cardiology
Monday, March 18, 2019, 2:00 p.m. - 3:30 p.m.
Room 244
CME Hours: 1.5 / CNE Hours: 1.5

Co-Chair: Jagat Narula
Co-Chair: Daniel Jose Pineiro
Co-Chair: Amam C. Mbakwem

2:15 p.m.
Case Presentation: Severe MS in a Young Pregnant Woman
Mpiko Ntsekhe
Cape Town, South Africa

2:40 p.m.
Valve Replacement Versus Repair in Rheumatic Heart Disease
Peter Zilla
Cape Town, South Africa

2:55 p.m.
Valve Thrombosis and Anticoagulation in Rheumatic Heart Disease
Mpiko Ntsekhe
Cape Town, South Africa
3:10 p.m.
Panel Discussion with Audience Question and Answer

**Special - ACC Section Highlights**

**Session #1404**

**Sports Highlights Session**

**Monday, March 18, 2019, 2:00 p.m. - 3:30 p.m.**

**Room 352**

**CME Hours: /CNE Hours:**

Co-Chair: Eugene H. Chung
Co-Chair: Matthew W. Martinez

2:00 p.m.
Welcome and Introduction of Panelists and Presenters
Matthew W. Martinez
Allentown, PA

2:05 p.m.
Case Presentation: Sports and Exercise Highlights Topic One
Jeffrey J. Hsu
Los Angeles, CA

2:15 p.m.
Panel Discussion

2:20 p.m.
Case Presentation: Sports and Exercise Highlights Topic Two
Elizabeth Hill
San Diego, CA

2:30 p.m.
Panel Discussion

2:35 p.m.
Abstract/Hot Topic Discussion: Sports and Exercise Highlights Topic Three
Prashant Rao
Tucson, AZ

2:35 p.m.
Abstract/Hot Topic Discussion: Sports and Exercise Highlights Topic Three
Eugene H. Chung
Ann Arbor, MI

2:50 p.m.
Late Breaking Focus: Sports and Exercise Highlights Topic Four
Guru Kowlgi
Glen Allen, VA

3:00 p.m.
Panel Discussion

3:05 p.m.
Audience Question and Answer

**Valvular Heart Disease - Scientific**

**Session #773**

**The Role of Vasculature in Valvular Heart Disease**

**Monday, March 18, 2019, 2:00 p.m. - 3:30 p.m.**

**Room 220**

**CME Hours: /CNE Hours: 1.5**

Co-Chair: Brian R. Lindman
Co-Chair: Raquel Yotti
Panelist: Javier Bermejo
Panelist: Mackram F. Eleid
Panelist: Kashish Goel
Panelist: Brian R. Lindman
Panelist: Ahmad Masri

2:00 p.m.
Pulmonary Hypertension In Aortic and Mitral Valve Disease: Pathophysiology and Outcomes
Ahmad Masri
Pittsburgh, PA

2:10 p.m.
Case: Severe Pulmonary Hypertension With Severe Mitral Regurgitation
Holly Gonzales
Nashville, TN

2:15 p.m.
Reversibility of Pulmonary Hypertension Associated With Mitral Valve Disease - How to Assess and Does it Matter?
Kashish Goel
Nashville, TN

2:25 p.m.
Panel Discussion

2:40 p.m.
Blood Pressure Goals for Patients With AS Before and After Treatment: Not So Simple!
Brian R. Lindman
Nashville, TN

2:50 p.m.
Vasodilators and AS: Hemodynamic Response and Potential Role in the Work-up of Low Flow, Low Gradient AS
Mackram F. Eleid
Rochester, MN

3:00 p.m.
Systemic Vascular Load in Patients With AS: How to Measure and Does it Matter?
Javier Bermejo
Madrid, Spain

3:10 p.m.
Audience ARS Question
Brian Lindman
Nashville, TN

3:11 p.m.
Panel Discussion
2:40 p.m.  
Imaging the Percutaneous Valve  
Kian Keong Poh  
Singapore 119228, Singapore

3:00 p.m.  
Panel Discussion Moderator  
Carlos Enrique Alfonso  
Coral Gables, FL

3:00 p.m.  
Panel Discussion with Question and Answer  

Vascular Medicine - ACC Section Highlights  
Session #1405  
Peripheral Vascular Disease Highlights Session  
Monday, March 18, 2019, 2:00 p.m. - 3:30 p.m.  
Room 238  
CME Hours: /CNE Hours:

Chair: Gregory Piazza

2:00 p.m.  
Welcome and Introduction of Panelists  
Gregory Piazza  
Boston, MA

2:05 p.m.  
Highlights in Fibromuscular Dysplasia and SCAD  
Soo Hyun Kim  
Brentwood, TN

2:15 p.m.  
Panel Discussion

2:20 p.m.  
Highlights in Venous Thromboembolism  
Gregory Piazza  
Boston, MA

2:30 p.m.  
Panel Discussion

2:35 p.m.  
Highlights in Peripheral Artery Disease  
Marc P. Bonaca  
Aurora, CO

2:45 p.m.  
Panel Discussion

3:00 p.m.  
Panel Discussion

3:05 p.m.  
Highlights in Aortic Disease  
Umberto Campia  
Boston, MA

3:15 p.m.  
Panel Discussion

3:20 p.m.  
Audience Question and Answer