



### ACC.i2 Interventional Cardiology - Oral Contributions

#### Session #724

#### ACC.i2 Interventional Challenging Cases: Structural

Monday, April 4, 2016, 8 a.m. - 9:30 a.m.

Room S103ab

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Neal S. Kleiman

Co-Chair: Paul Sorajja

Panelist: Nirat Beohar

Panelist: Marvin H. Eng

Panelist: Philippe Genereux

Panelist: Mario Goessl

Panelist: Dharam J. Kumbhani

Panelist: James M. McCabe

8:00 a.m.

Percutaneous Closure of a Left Ventricle Apical Pseudoaneurysm After Transapical Transcatheter Aortic Valve Replacement

Michael K. Amponsah, Rajiv Verma, Marc Cohen, Mihir Barvalia, Yassir Nawaz, Nishant Sethi, Ahmed Seliem, Mark Russo, Newark Beth Israel Medical Center, Newark, NJ, USA

8:10 a.m.

Panel Discussion

8:15 a.m.

Native leaflet Avulsion After Transcatheter Aortic Valve Implantation

Ravi S. Kahlon, Femi Philip, University of California Davis Medical Center, sacramento, CA, USA

8:25 a.m.

Panel Discussion

8:30 a.m.

100% Control In Tricuspid Valve-in-valve Replacement Using Valve Delivery Catheter Sizing And Fine Tuning

Gilbert Tang, Syed Zaid, Anoshia Raza, Hasan Ahmad, Martin Cohen, Cenap Undemir, Joanne Bennett, Tanya Dutta, Angelica Poniro, Amar Shah, Cheng Feng, Steven Lansman, Westchester Medical Center, Valhalla, NY, USA

8:40 a.m.

Panel Discussion

8:45 a.m.

Transcatheter Closure of a Postinfarction Ventricular Septal defect and Left Ventricular Free Wall Perforation Using Two Amplatzer Muscular Ventricular septal defect Occluders.

Prem Srinivas Subramaniyam, George Abela, Gaurav Dhar, Michigan State University, East Lansing, MI, USA

8:55 a.m.

Panel Discussion

9:00 a.m.

Transcatheter Valve Placement For Mixed Mitral Valve Regurgitation And Stenosis

Creighton W. Don, Gabriel Aldea, Edo Bedzra, Mohit Jain, Tara Jones, Heather Reed, Thomas Jones, Burkhard Mackensen, Mark Reisman, University of Washington, Seattle, WA, USA

9:10 a.m.

Panel Discussion

9:15 a.m.

Transcatheter Closure of an Aorto-Right Ventricular Fistula Complicating Transcatheter Aortic Valve Replacement for Bicuspid Aortic Stenosis

Sammy Elmariah, Kenta Nakamura, Jonathan Passeri, Meagan M. Wasfy, James Harkness, Jonathan G. Teoh, Nandini M. Meyersohn, Eliza Teo, Brian Ghoshhajra, Ignacio Inglessis, Massachusetts General Hospital, Harvard Medical School, Boston, MA, USA

9:25 a.m.

Panel Discussion

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #723

#### Gritty Lesions, Great Insights: Cases, Consensus, and Occasional Confusion in Femoropopliteal PAD Intervention

Monday, April 4, 2016, 8 a.m. - 9:30 a.m.

Room S102

CME Hours: 1.5 /CNE Hours: 0

Co-Chair: Herbert D. Aronow

Co-Chair: Christopher J. White

8:00 a.m.

A Tale of Two SFAs: One That I Crossed, One That I Failed, and Some Tips/Tricks for Success in the Future

D. Christopher Metzger

8:12 a.m.

PTA, Stent, or DCB? How Do We Decide? Should Cost Be a Consideration?

Douglas E. Drachman

Boston, MA

8:24 a.m.

Why, When, and Which Atherectomy Should Be Used in the Femoropopliteal Segment?

Tony S. Das

Dallas, TX

8:36 a.m.

How Will PVI AUC Influence Practice in the Treatment of Femoropopliteal PAD?

Herbert D. Aronow

Ann Arbor, MI

8:48 a.m.

How I Do It: Managing Femoropopliteal Lesions in So-Called 'No-Stent' Zones

Krishna J. Rocha-Singh

Springfield, IL

9:00 a.m.

When Disaster Strikes: How to Manage Complications in Femoropopliteal Intervention

Mehdi H. Shishehbor

Cleveland, OH

9:12 a.m.

Question and Answer



### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #725

#### Complex Case-Based Scenarios for Transcatheter Valve Disease

Monday, April 4, 2016, 8 a.m. - 9:30 a.m.

Room S103cd

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Jeffrey J. Popma  
Co-Chair: E. Murat Tuzcu  
Panelist: James Bernard Hermiller  
Panelist: Samir R. Kapadia  
Panelist: Philippe Pibarot  
Panelist: Steven J. Yakubov

8:00 a.m.

Transcatheter Mitral Valve-in-Valve via Trans-Septal Approach

Charanjit S. Rihal

Rochester, MN

8:03 a.m.

Panel Discussion

8:13 a.m.

Severe MR and TAVR: When Should You Repair Both Using Transcatheter Techniques

Francesco Maisano

Zurich, Switzerland

8:16 a.m.

Panel Discussion

8:26 a.m.

Complex CAD and TAVR: What I Leave Alone and What Should I PCI

Molly Szerlip

Plano, TX

8:29 a.m.

Panel Discussion

8:39 a.m.

Severe LVOT Calcification and TAVR: When to Exercise Caution

Hasan Jilaihawi

West Hollywood, CA

8:42 a.m.

Panel Discussion

8:52 a.m.

Severe LV Dysfunction and TAVR

Samir R. Kapadia

Cleveland, OH

8:55 a.m.

Panel Discussion

9:05 a.m.

Making Sense of EF and Low-Flow When Selecting Patients for TAVR

Howard C. Herrmann

Philadelphia, PA

9:08 a.m.

Panel Discussion

9:18 a.m.

TAVR Performed via a Transcaval Approach

Adam B. Greenbaum

Detroit, MI

9:21 a.m.

Panel Discussion

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #726

#### Intracoronary Imaging

Monday, April 4, 2016, 8 a.m. - 9:30 a.m.

Room S104

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Akiko Maehara

Co-Chair: David E. Kandzari

8:00 a.m.

Appropriate Utilization of Intravascular Imaging

Subhash Banerjee

8:09 a.m.

Enhanced IVUS Imaging With VH and NIRS

Emmanouil S. Brilakis

Dallas, TX

8:18 a.m.

IVUS or OCT for Procedural Planning?

Evelyn Regar

Rotterdam, Netherlands

8:27 a.m.

FFR, IVUS, NIRS, or OCT: Selecting One for My Lab or Should I Have It All

Subhash Banerjee

Dallas, TX

8:36 a.m.

Role of Coronary Imaging in CTO Intervention

David E. Kandzari

Atlanta, GA

8:45 a.m.

IVUS or FFR for Intermediate Lesion Assessment

Morton J. Kern

Orange, CA

8:54 a.m.

Intracoronary Imaging to Determine the Causes of ISR and ST

Adhir R. Shroff

Chicago, IL

9:02 a.m.

How Do I Identify the Vulnerable Plaque

Peter Howard Stone, Sr.

Boston, MA

9:10 a.m.

Case Presentation: Plaque Prolapse

Sandeep Nathan

Chicago, IL



9:15 a.m.

Case Presentation: Incomplete Apposition  
Kendrick A. Shunk  
San Francisco, CA

9:20 a.m.

Case Presentation: Dissections  
Adhir R. Shroff  
Chicago, IL

9:25 a.m.

Case Presentation: Subintimal Hematoma  
Owen Mogabgab  
New Orleans, LA

### Acute Coronary Syndromes - International Session Session #520

**Care Pathways for Acute Coronary Syndromes: International Perspectives From the Gulf Heart Association, ACC Argentina Chapter, and American College of Cardiology**  
Monday, April 4, 2016, 8 a.m. - 9:30 a.m.  
Room N427cd  
CME Hours: 1.5 /CNE Hours: 0

Co-Chair: Michael Mansour  
Co-Chair: Nooshin Bazargani Arab Emirates  
Co-Chair: Felipe A. Martinez

8:00 a.m.

Introduction to Session  
Michael Mansour

8:05 a.m.

Prehospital Management of ACS in the Gulf  
Hussam Al Faleh  
Riyadh, Saudi Arabia

8:16 a.m.

ACS and Heart Failure in the Gulf  
Jassim M. S. Al Suwaidi  
Doha, Qatar

8:27 a.m.

Pharmacology and Acute Coronary Syndromes  
Joseph G. Cacchione  
Cleveland, OH

8:38 a.m.

Reperfusion in Latin America: A Long Journey Started with EMERAS  
Rafael Diaz  
Rosario, Argentina

8:49 a.m.

Pending Issues on Reperfusion in a.m.I  
Daniel H. Berrocal  
Buenos Aires, Argentina

9:00 a.m.

Discussion

### Acute Coronary Syndromes - Oral Contributions

#### Session #909

#### Highlighted Original Research: Acute Coronary Syndromes and the Year in Review

Monday, April 4, 2016, 8 a.m. - 9:30 a.m.  
Room S402  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Sanjay Kaul  
Co-Chair: Jennifer Tremmel

8:00 a.m.

Year in Review Speaker  
Deepak L. Bhatt

8:15 a.m.

Improving the Clinical Utility of the Framingham Risk Function for Incident Coronary Heart Disease by the Addition of Weighted Multi-Marker Genetic Risk Scores in More Than 40,000 Individuals of Caucasian Ancestry  
Carlos Iribarren, Meng Lu, Eric Jorgenson, Manuel Martinez, Carla Lluís-Ganella, Isaac Subirana, Eduardo Salas, Roberto Elosua, Kaiser Permanente Division of Research, Oakland, CA, USA

8:27 a.m.

Discussion

8:30 a.m.

Door-to-Balloon Time Correlates Better With Patients Outcomes Than Symptom-to-Balloon Time  
Li-Ling Tan, Huili Zheng, Khuan-Yew Chow, Joshua Loh, Terrance Chua, Huay-Cheem Tan, David Foo, Hean Yee Ong, Khim-Leng Tong, Mark Richards, Mark Chan, National University Heart Centre, Singapore, Singapore, Singapore, National Registry of Diseases Office, Health Promotion Board, Singapore

8:42 a.m.

Discussion

8:45 a.m.

Persistent Alterations in Myocardial Infarction Circadian Rhythm After Hurricane Katrina: Nine Years After the Storm  
Holly Gonzales, John Lawrence, Matthew Peters, Kapil Yadav, Derar Albashaireh, Hassan Baydoun, Muhammad Raja, Christopher Westley, Henry Quevedo Diaz, Sudesh Srivastav, Anand Irimpen, Tulane University Medical Center, Heart & Vascular Institute, New Orleans, LA, USA, Southeast Louisiana Veterans Health Care System, New Orleans, LA, USA

8:57 a.m.

Discussion

9:00 a.m.

Outcomes in Patients Treated With Ticagrelor or Clopidogrel After Acute Coronary Syndrome: Experiences From SWEDEHEART Registry  
Anders Sahlén, Christoph Varenhorst, Bo Lagerqvist, Henrik Renlund, Elmir Omerovic, David Erlinge, Lars Wallentin, Stefan James, Tomas Jernberg, Karolinska Institutet, Stockholm, Sweden, Uppsala Clinical Research, Uppsala, Sweden

9:12 a.m.

Discussion



9:15 a.m.

High-Sensitivity Cardiac Troponin T Levels in the Emergency Department in Patients With Chest Pain but No Myocardial Infarction

Martin Holzmänn, Nadia Bandstein, Ola Hammarsten, Axel C. Carlsson, Karolinska Institutet, Stockholm, Sweden

9:27 a.m.

Discussion

### Arrhythmias and Clinical EP - Scientific Session

#### Session #727

**Syncope: Case Study Based Learning**

**Monday, April 4, 2016, 8 a.m. - 9:30 a.m.**

**Room S501**

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

Co-Chair: Nancy Berg

Co-Chair: Federico Gentile

Panelist: Kim K. Birtcher

Panelist: Mohamed H. Hamdan

Panelist: Fred M. Kusumoto

8:00 a.m.

Case Presentation: My 22 Year-Old Female College Student Has Palpitations, Dizziness, Chest Pain, Shortness of Breath and Syncope

Dan Sorajja

Phoenix, AZ

8:10 a.m.

Panel Discussion

8:20 a.m.

Question and Answer

8:30 a.m.

Case Presentation: My 78 Year-Old Male Patient Presented With Syncope; He Has Stable Angina, HTN, DM, OSA, and LBBB on EKG

Adam Skolnick

New York, NY

8:40 a.m.

Panel Discussion

8:50 a.m.

Question and Answer

9:00 a.m.

Case Presentation: My 17 Year Old Football Player Presented With Syncope and Septal Thickness of 15mm

Zachary D. Goldberger

Seattle, WA

9:10 a.m.

Panel Discussion

9:20 a.m.

Question and Answer

### Arrhythmias and Clinical EP - Maintenance of Certification

#### Session #824

**Study Session for Maintenance of Certification: Guidelines Module 3:**

**Atrial Fibrillation**

**Monday, April 4, 2016, 8 a.m. - 10:30 a.m.**

**Room S105ab**

**CME Hours: 2.5 /CNE Hours: 0**

Chair: Byron Kwock Lee

MOC Faculty: Samuel Asirvatham

MOC Faculty: Mintu Turakhia

### Congenital Heart Disease - Oral Contributions

#### Session #910

**Highlighted Original Research: Congenital Heart Disease and the Year in Review**

**Monday, April 4, 2016, 8 a.m. - 9:30 a.m.**

**Room S403**

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

Co-Chair: Mary T. Donofrio

Co-Chair: Daniel J. Penny

8:00 a.m.

Year in Review Speaker

Ziyad M. Hijazi

8:15 a.m.

Improved Technical Success and Postnatal Outcomes After Fetal Aortic Valvuloplasty

Kevin Friedman, Lindsay Freud, Monika Drogosz, Audrey Marshall, Max

Godfrey, Carol Benson, Louise Wilkins-Haug, James Lock, Wayne Tworetzky,

Boston Children's Hospital, Boston, MA, USA

8:27 a.m.

Discussion

8:30 a.m.

Initial Results From the Early Feasibility Study of the Medtronic Native Outflow Tract Transcatheter Pulmonary Valve

John P. Cheatham, Lisa Bergersen, Matthew Gillespie, Brian McHenry, Lee

Benson, Nationwide Children's Hospital, Columbus, OH, USA

8:42 a.m.

Discussion

8:45 a.m.

Management of Atrial Arrhythmias in Adult Fontan Patients

Alexander C. Egbe, Christopher McLeod, Talha Niaz, Heidi Connolly, Mayo

Clinic, Rochester, MN, USA

8:57 a.m.

Discussion

9:00 a.m.

Isolated Heart and Combined Heart-Liver Transplant: What Happens to Congenital Heart Disease and Fontan Patients in the U.S?

Krong-On Pinyoluksana, Yongjie Miao, Curtis Daniels, Elisa Bradley, Ohio

State University, Columbus, OH, USA, Nationwide Children's Hospital,

Columbus, OH, USA





9:12 a.m.

Discussion

9:15 a.m.

Factors Impacting Variation in Cost Across Centers for Patients Undergoing the Norwood Operation

Kimberly E. McHugh, Sara Pasquali, Matthew Hall, Mark Scheurer, Medical University of South Carolina, Charleston, SC, USA, University of Michigan C.S. Mott Children's Hospital, Ann Arbor, MI, USA

9:27 a.m.

Discussion

### Heart Failure and Cardiomyopathies - Scientific Session

#### Session #728

#### Treatment of Patients With Stage D Heart Failure and Shock

Monday, April 4, 2016, 8 a.m. - 9:30 a.m.

Room S401

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Mark Slaughter

Co-Chair: Randall C. Starling

8:00 a.m.

Case Presentation - Heart Transplant Selection

Nir Uriel

8:05 a.m.

Timing and Selection of Patients for Heart Transplant

Sean Patrick Pinney

New York, NY

8:17 a.m.

Case Presentation - LVAD selection

Jeffrey Teuteberg

Pittsburgh, PA

8:22 a.m.

Timing and Selection of Patients for LVAD - What Have We Learned From INTERMACS?

Jason Neil Katz

Morrisville, NC

8:34 a.m.

Question and Answer

8:46 a.m.

LVAD and BIVAD Percutaneous Support

Navin Kapur

Hanover, MA

8:58 a.m.

VA ECMO

Francis D. Pagani

Ann Arbor, MI

9:10 a.m.

Question and Answer

### Heart Failure and Cardiomyopathies - Scientific Session

#### Session #729

#### 30 Day Readmissions

Monday, April 4, 2016, 8 a.m. - 9:30 a.m.

Room S406b

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Allen S. Anderson

Co-Chair: Ileana L. Pina

8:00 a.m.

Epidemiology of 30 Day Readmissions

Javed Butler

8:15 a.m.

Geriatric Cardiology: What We Have to Offer for Preventing 30 Day Revisits

Susan P. Bell

Nashville, TN

8:30 a.m.

System Wide Approaches to Reducing 30 Day Readmissions

Ileana L. Pina

Bronx, NY

8:45 a.m.

Rehabilitation for Preventing Post-Hospitalization Syndrome

Dalane W. Kitzman

Winston Salem, NC

9:00 a.m.

Hemodynamic Monitoring to Prevent 30 Day Readmissions

William T. Abraham

Columbus, OH

9:15 a.m.

Patient Navigator Program - Avoiding Pitfalls and Booby Traps

Mary N. Walsh

Indianapolis, IN

### Heart Failure and Cardiomyopathies - Maintenance of Certification

#### Session #823

#### Core Curriculum: A Broken Heart Crushes the Spirit — Proverbial Wisdom in the Management of Heart Failure

Monday, April 4, 2016, 8 a.m. - 9:30 a.m.

Room N426

CME Hours: 1.5 /CNE Hours: 0

Chair: Joseph G. Rogers

8:00 a.m.

Evidence Based Pharmacologic Management: The Old and the New

Gregory A. Ewald

Saint Louis, MO

8:25 a.m.

When to Say When: What is the Difference Between Palliative Care and Hospice?

Staci A. Mandrola

Louisville, KY



8:50 a.m.

What Does the Literature Tell us About Ventricular Assist Devices and Transplantation?

David E. Lanfear  
Detroit, MI

9:15 a.m.

Question and Answer

### Non Invasive Imaging - Oral Contributions

#### Session #911

#### Highlighted Original Research: Non Invasive Imaging and the Year in Review

Monday, April 4, 2016, 8 a.m. - 9:30 a.m.

Room S503

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Jeroen J. Bax

Co-Chair: Genevieve Derumeaux

8:15 a.m.

Relative Performance of SPECT and PET Myocardial Perfusion Imaging in a Prospectively Randomized Population of Symptomatic Patients With Known Coronary Artery Disease

Timothy M. Bateman, Iain A. McGhie, Gary Heller, Staci Courter, Eric Burgette, James Case, ASPIRE Foundation, Kansas City, MO, USA, Mid America Heart Institute, Kansas City, MO, USA

8:27 a.m.

Discussion

8:30 a.m.

Long-Term Mortality Benefit of Early Coronary Revascularization Versus Medical Therapy in Patients Without Known Coronary Artery Disease Undergoing Coronary Computed Tomographic Angiography: Results From Confirm Registry

Joshua Schulman-Marcus, Fay Lin, Heidi Gransar, Daniel Berman, Tracy Callister, Augustin DeLago, Martin Hadamitzky, Joerg Hausleiter, Mouaz Al-Mallah, Matthew Budoff, Philipp Kaufmann, Stephan Achenbach, Gilbert Raff, Kavitha Chinnaiyan, Filippo Cademartiri, Erica Maffei, Todd Villines, Yong-Jin Kim, Jonathon Leipsic, Ronen Rubinshtein, Gudrun Feuchtner, Gianluca Pontone, Allison Dunning, Leslee Shaw, James Min, Weill Cornell Medical College, New York, NY, USA

8:42 a.m.

Discussion

8:45 a.m.

Dual-Source Computed Tomography to Improve Prediction of Response to Cardiac Resynchronization Therapy (DIRECT): A Prospective Double-Blind Randomized Study

Quynh A. Truong, Jackie Szymonifka, Michael Picard, Wai-Ee Thai, Bryan Wai, Edwin Heist, Guanglei Xiong, Jim Cheung, Udo Hoffmann, Jagmeet Singh, New York-Presbyterian Hospital and Weill Cornell Medical College, New York, NY, USA, Massachusetts General Hospital, Boston, MA, USA

8:57 a.m.

Discussion

9:00 a.m.

Long-Term Outcomes of an FFRCT Diagnostic Strategy Versus Usual Care in Suspected Coronary Artery Disease: Results From the PLATFORM (Prospective Longitudinal Trial of FFRCT: Outcome and Resource IMpacts) Study

Pamela S. Douglas, Bernard De Bruyne, Gianluca Pontone, Manesh Patel, Bjarne Norgaard, Robert Byrne, Nick Curzen, Ian Purcell, Matthias Gutberlet, Gilles Rioufol, Ulrich Hink, Herwig Schuchlenz, Gudrun Feuchtner, Martine Gilard, Karen Chiswell, Derek Cyr, Alan Wilk, Campbell Rogers, Mark Hlatky, on behalf of the PLATFORM Investigators, Duke Clinical Research Institute, Durham, NC, USA

9:12 a.m.

Discussion

9:15 a.m.

Performance of Cardiac CT Compared to Functional Testing in Women and Men With Suspected Coronary Artery Disease: The Multicenter, Randomized Crescent Trial

Marisa Lubbers, Admir Dedic, Adriaan Coenen, Tjebbe Galema, Jurgen Akkerhuis, Tobias Bruning, Boudewijn Krenning, Paul Musters, Mohamed Ouhlous, Anho Liem, Andre Niezen, M. G. Myriam Hunink, Ron van Domburg, Pim de Feijter, Koen Nieman, Erasmus MC, Rotterdam, The Netherlands

9:27 a.m.

Discussion

### Prevention - Scientific Session

#### Session #730

#### Diabetes in Active Cardiovascular Conditions- The Sweet Truth of a Common Coincidence

Monday, April 4, 2016, 8 a.m. - 9:30 a.m.

Room S406a

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Alison Bailey

Co-Chair: Mikhail Kosiborod

Panelist: Alison Bailey

Panelist: Brian R. Lindman

Panelist: Gregg C. Fonarow

Panelist: Steven P. Marso

Panelist: Marie McDonnell

8:00 a.m.

Diabetes and TAVI- Emerging Insights for Emerging Technology

Brian R. Lindman  
Saint Louis, MO

8:15 a.m.

Diabetes and Cardiac Surgery- Let's Not Bypass the Data

Marie McDonnell  
Boston, MA

8:30 a.m.

Diabetes and ACS- Targets, Timing, and Therapeutic Implications

Alison Bailey  
Chattanooga, TN



8:45 a.m.

Diabetes and Complex Coronary Interventions- Considerations and Consternations

Steven P. Marso  
Dallas, TX

9:00 a.m.

Diabetes in Patients With Heart Failure- Unique Aspects of Usual Company

Gregg C. Fonarow  
Los Angeles, CA

9:15 a.m.

Panel Discussion

### Prevention - Oral Contributions

#### Session #913

#### Highlighted Original Research: Prevention and the Year in Review

Monday, April 4, 2016, 8 a.m. - 9:30 a.m.

Room S404

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Philip Greenland

Co-Chair: Donna M. Polk

8:00 a.m.

Year in Review Speaker

Christie M. Ballantyne

8:15 a.m.

Relationship Between Major Adverse Cardiovascular Events and Achieved Low-Density Lipoprotein Cholesterol Levels in Phase 3 ODYSSEY Trials of Alirocumab Versus Control

Christopher P. Cannon, Henry Ginsberg, Kausik Ray, Michael Davidson, Robert Pordy, Laurence Bessac, Pascal Minini, Robert Eckel, Regeneron Pharmaceuticals, Inc., Tarrytown, NY, USA, Sanofi, Paris, France

8:27 a.m.

Discussion

8:30 a.m.

Safety of Very Low LDL-C Levels With Evolocumab: An Analysis of 5942 Patients From Phase 2 and 3 and Open-Label Extension Studies

Peter P. Toth, Dirk Blom, Erik Stroes, Constantine Djedjos, Ricardo Dent, Yuna Wu, Ransi Somaratne, Magdalena Uhart, Michelle Geller, Scott Wasserman, Marc Sabatine, Robert Giugliano, Amgen, Inc., Thousand Oaks, CA, USA

8:42 a.m.

Discussion

8:45 a.m.

Effect of Empagliflozin on Mortality and Causes of Death in Patients With Type 2 Diabetes at High Cardiovascular Risk

David H. Fitchett, Silvio Inzucchi, John Lachin, Christoph Wanner, Michaela Mattheus, Odd Erik Johansen, Hans-Juergen Woerle, Uli C. Broedl, Bernard Zinman, St Michael's Hospital, Division of Cardiology, University of Toronto, Toronto, Canada

8:57 a.m.

Discussion

9:00 a.m.

Basal Metabolic Up-Regulation Through Repetitive Short High Impact Exercise Training (The BURST Study)

Avinash Pandey, Paul Poirier, Neville Suskin, Cambridge Cardiac Care Centre, Cambridge, Canada

9:12 a.m.

Discussion

9:15 a.m.

Longitudinal Study on Independent and Joint Effect of Brachial-Ankle Pulse Wave Velocity and Blood Pressure Control on Incident Stroke in Hypertensive Patients

Yun Song, Benjamin Xu, Richard Xu, Renee Tung, Eric Frank, Wayne Tromble, Tong Fu, Weiyi Zhang, Fangfang Fan, Yan Zhang, Li Jianping, Bao Huihui, Xiaoshu Cheng, Genfu Tang, Binyan Wang, Yundai Chen, Tianlun Yang, Ningling Sun, Xiaoying Li, Lianyou Zhao, Fan Fan Hou, Junbo Ge, Qiang Dong, Yingxian Sun, Yong Huo, Department of Cardiology, Peking University First Hospital, Beijing, People's Republic of China

9:27 a.m.

Discussion

### Special Topics - Intensive

#### Session #60

#### Precision Medicine Intensive I

Monday, April 4, 2016, 8 a.m. - 9:30 a.m.

Grand Ballroom S100a

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Rhonda Cooper-DeHoff

Co-Chair: Douglas L. Mann

8:00 a.m.

Precision Medicine - President Obama's Initiative  
Sekar Kathiresan

8:20 a.m.

Question and Answer

8:20 a.m.

Facilitator  
Sekar Kathiresan  
Boston, MA

8:40 a.m.

CYP2C19 Genotype Testing and Clopidogrel Dosing - Real World Experience and Case Examples

Larissa Cavallari  
Gainesville, FL

8:40 a.m.

A Case Based Discussion

Panelist: Edith A. Nutescu

Panelist: Deepak Voora



### Special Topics - Special Session

#### Session #410

Joint American College of Cardiology/New England Journal of Medicine Late-Breaking Clinical Trials

Monday, April 4, 2016, 8 a.m. - 9:15 a.m.

Main Tent (North Hall B1)

CME Hours: 1.25 /CNE Hours: 1.25

Chair: Athena Poppas

Co-Chair: John A. Jarcho

Panelist: A. John Camm Kingdom

Panelist: Anthony N. DeMaria

Panelist: Junbo Ge

Panelist: Christopher B. Granger

8:00 a.m.

Antiarrhythmic Drugs for Shock-Refractory Out-of-Hospital Cardiac Arrest: The Resuscitation Outcomes Consortium Amiodarone, Lidocaine or Placebo Study

Peter J. Kudenchuk, Resuscitation Outcomes Consortium Investigators, University of Washington, Seattle, WA, USA

8:10 a.m.

Panel Discussion

8:15 a.m.

Largest Randomized Trial Demonstrates an Effective Ablation of Atrial Fibrillation: the FIRE AND ICE Trial (NCT01490814)  
Karl-Heinz Kuck, The FIRE AND ICE Trial Investigators, Asklepios Klinik St. Georg, Hamburg, Germany, Medtronic, Inc., Minneapolis, MN, USA

8:25 a.m.

Panel Discussion

8:30 a.m.

A Randomized Trial of Rate Control Versus Rhythm Control for Atrial Fibrillation after Cardiac Surgery  
A. Marc Gillinov, Emilia Bagiella, Alan Moskowitz, Jesse Raiten, Mark Groh, Michael Bowdish, Gorav Ailawadi, Katherine Kirkwood, Annetine Gelijns, Louis Perrault, Michael Parides, Robert Smith, John Kern, Gladys Dussault, Neal Jeffries, Marissa Miller, Michael Argenziano, Ellen Moquete, Michel Pellerin, James Gammie, Patrick O'Gara, Mary Lou Mayer, Pierre Voisine, Michael Mack, CTSN Investigators, Icahn School of Medicine at Mount Sinai, New York, NY, USA

8:40 a.m.

Panel Discussion

8:45 a.m.

The Losmapimod To Inhibit P38 MAP Kinase As A Therapeutic Target And Modify Outcomes After An Acute Coronary Syndrome (LATITUDE-TIMI 60) Trial: Primary Results Of Part A  
Michelle L. O'Donoghue, LATITUDE-TIMI 60 investigators, Brigham and Women's Hospital, Boston, MA, USA

8:55 a.m.

Panel Discussion

9:00 a.m.

CMX-2043 for Prevention of Contrast Induced Acute Kidney Injury: The Primary Results of the CARIN Trial  
Deepak L. Bhatt, Brigham and Women's Hospital, Boston, MA, USA

9:10 a.m.

Panel Discussion

### Special Topics - Special Session

#### Session #411

Volume to Value: The Time Is Now, the Agenda Is Clear, Action Is Needed! And James T. Dove Lecture

Monday, April 4, 2016, 8 a.m. - 9:30 a.m.

Room S504

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Cathleen D. Biga

Co-Chair: Charles L. Brown

8:00 a.m.

Alternate Payment Models - What Are They and How Do They Work?  
Cathleen D. Biga

8:20 a.m.

Panel Discussion

Panelist: Pioneer

Paul N. Casale

Panelist: MSSP

Suzette Jaskie

Panelist: Bundled Project

Michael K. Schroyer

8:35 a.m.

Providing Care in APMs: Team Based Care - How to Make It Work Clinically and Financially  
Ginger Biesbrock  
Grand Rapids, MI

8:55 a.m.

Introduction of Dove Lecturer  
C. Michael Valentine  
Lynchburg, VA

9:00 a.m.

James T. Dove Lecture: The Volume to Value Transition  
Harold D. Miller  
Pittsburgh, PA

### Special Topics - Oral Contributions

#### Session #914

Young Investigator Awards Competition: Clinical Investigators, Congenital Heart Disease, and Cardiovascular Surgery

Monday, April 4, 2016, 8 a.m. - 9:30 a.m.

Room S502

CME Hours: 1.5 /CNE Hours: 1.5

Chair: Christopher R. DeFilippi

8:00 a.m.

Judge

Richard G. Bach

St. Louis, MO



8:00 a.m.

Judge

Martin J. O'Riordan  
Ardmore, PA

8:00 a.m.

Derivation and Validation of a Novel Risk Score for Predicting Intracranial Hemorrhage in Patients With Pulmonary Embolism Treated With Thrombolytic Therapy: The PE-ICH Score  
Saurav Chatterjee, Anasua Chakraborty, Partha Sardar, Jay Giri, Mount Sinai St Luke's-Roosevelt Hospitals, New York, NY, USA, University of Pennsylvania, Perelman School of Medicine, Philadelphia, PA, USA

8:15 a.m.

Metabolite Profiles Predict Acute Kidney Injury and Mortality in Patients Undergoing Transcatheter Aortic Valve Replacement  
Sammy Elmariah, Laurie A. Farrell, Daher Maureen, Xu Shi, Michelle J. Keyes, Carolyn H. Cain, Eugene Pomerantsev, Gus Vlahakes, Ignacio Inglessis, Jonathan Passeri, Igor Palacios, Caroline Fox, Eugene P. Rhee, Robert Gerszten, Massachusetts General Hospital, Harvard Medical School, Boston, MA, USA

8:30 a.m.

Myocardial Fibrosis Following Ischemia and Infarction Is Greater Among Persons With Human Immunodeficiency Virus Than Uninfected Controls  
Matthew Feinstein, Sumeet Mitter, Ajay Yadlapati, Mark Gajjar, Chad Achenbach, Frank Palella, Jeremy Collins, Donald Lloyd-Jones, Northwestern University, Feinberg School of Medicine, Chicago, IL, USA

8:45 a.m.

Endothelial Cell-Selective Adhesion Molecule and Incident Cardiovascular Events in the Dallas Heart Study  
Hao-Yu Ren, Amit Khera, James de Lemos, Colby R. Ayers, Anand Rohatgi, The University of Texas Southwestern Medical Center, Dallas, TX, USA

9:00 a.m.

Rapid Rule Out of Myocardial Injury Using a Single High-Sensitivity Cardiac Troponin I Measurement  
Yader Sandoval, Stephen Smith, Sara A. Love, Karen Schulz, Jing Cao, Fred Apple, Hennepin County Medical Center, Minneapolis, MN, USA

### Stable Ischemic Heart Disease - Maintenance of Certification

#### Session #825

#### Study Session for Maintenance of Certification: ACC Stable Ischemic Guidelines Module 4

Monday, April 4, 2016, 8 a.m. - 10:30 a.m.

Room S105cd

CME Hours: 2.5 /CNE Hours: 0

Chair: Jeffrey J. Cavendish  
MOC Faculty: Laxmi S. Mehta  
MOC Faculty: Justin Sadhu

### Stable Ischemic Heart Disease - Oral Contributions

#### Session #912

#### Highlighted Original Research: Stable Ischemic Heart Disease and the Year in Review

Monday, April 4, 2016, 8 a.m. - 9:30 a.m.

Room S505

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: James A. de Lemos

Co-Chair: Margo B. Minissian

8:00 a.m.

Year in Review Speaker  
Marc Steven Sabatine

8:15 a.m.

Is Preoperative Stress Testing Associated With 30-Day Postoperative Mortality in Patients Prior PCI Undergoing Noncardiac Surgery: Insights From the Veterans Affairs Health Care System  
Javier Valle, Laura Graham, Thejasvi Thiruvoipati, Ehrin Armstrong, Mary T. Hawn, Thomas Maddox, Steven Bradley, Veterans Affairs Eastern Colorado Health Care System, Denver, CO, USA, Birmingham Veterans Affairs Medical Center, Birmingham, AL, USA

8:27 a.m.

Discussion

8:30 a.m.

Reduction in Ischemic Events With Ticagrelor in Diabetic Patients From the PEGASUS-TIMI 54 Trial

Deepak L. Bhatt, Marc Bonaca, Sameer Bansilal, Marc Cohen, Robert F. Storey, Kyungah Im, Sabina Murphy, Peter Held, Eugene Braunwald, Marc Sabatine, Ph Gabriel Steg, Brigham and Women's Hospital, Boston, MA, USA

8:42 a.m.

Discussion

8:45 a.m.

What Is the Influence of Diabetes on Long-Term Patency of Coronary Artery Bypass Grafts?

Sajjad Raza, Eugene Blackstone, Penny Houghtaling, Ponnuthurai Ainkaran, Jeevanantham Rajeswaran, Joseph Sabik, Cleveland Clinic, Cleveland, OH, USA

8:57 a.m.

Discussion

9:00 a.m.

Self-Reported General Health and Outcomes in Patients With Stable Coronary Artery Disease: Experiences From the Global STABILITY Trial  
Ralph Alan Huston Stewart, Emil Hagstrom, Claes Held, Paul Armstrong, Philip Aylward, Christopher Cannon, Wolfgang Koenig, Jose Lopez-Sendon, Emile Mohler, Nermin Hadziosmanovic, Susan Krug-Gourley, Saulat Siddique, Philippe Steg, Harvey White, Lars Wallentin, Green Lane Cardiovascular Service, Auckland City Hospital and University of Auckland, Auckland, New Zealand, Uppsala Clinical Research Center, Uppsala University, Uppsala, Sweden



9:12 a.m.  
Discussion

9:15 a.m.  
Coronary Artery Bypass Graft Mortality Has Declined Steeply and Is Currently Similar to the Mortality of Percutaneous Coronary Intervention  
John B. Kostis, Abate Mammo, Jerry Q. Cheng, William J. Kostis, for the Myocardial Infarction Data Acquisition System (MIDAS) Study Group, Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ, USA

9:27 a.m.  
Discussion

### Valvular Heart Disease - Oral Contributions

#### Session #915

#### Highlighted Original Research: Valvular Heart Disease and the Year in Review

Monday, April 4, 2016, 8 a.m. - 9:30 a.m.

Room S405

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: James B. McClurken  
Co-Chair: Natesa G. Pandian

8:00 a.m.  
Year in Review Speaker  
Rebecca T. Hahn

8:15 a.m.  
Post-Market Evaluation of a Fully Repositionable and Retrievable Aortic Valve in 750 Patients Treated in Routine Clinical Practice: An Update From the RESPOND Study  
Nicolas M. Van Mieghem, David Hildick-Smith, Sabine Bleiziffer, Jochen Woehrle, Daniel J. Blackman, Mohamed Abdel-Wahab, Ulrich Gerckens, Axel Linke, Peter Wenaweser, Oyvind Bleie, Karl E. Hauptmann, Hueseyin Ince, Dominic Allocco, Keith Dawkins, Volkmar Falk, Thoraxcenter, Erasmus Medical Center, Rotterdam, The Netherlands, Sussex Cardiac Centre, Brighton and Sussex University Hospitals, Brighton, United Kingdom

8:27 a.m.  
Discussion

8:30 a.m.  
Outcomes in 2824 Patients With Valvular Heart Disease Treated With Edoxaban or Warfarin in the ENGAGE AF-TIMI 48 Trial  
Giulia Renda, Raffaele De Caterina, Anthony Carnicelli, Francesco Nordio, Michele Mercuri, Christian Ruff, Robert Giugliano, d'Annunzio University of Chieti-Pescara, Chieti CH, Italy

8:42 a.m.  
Discussion

8:45 a.m.  
GDF15 and ST2 Identify Patients With Aortic Stenosis and Severe Left Ventricular Hypertrophy at Increased Risk for Mortality After Aortic Valve Replacement  
Marc Sintek, Nishath Quader, Hersh Maniar, Alan Zajarias, Eric Novak, Anna Vatterott, Cassie Lawler, Alejandro Aquino, John Lasala, Jared Breyley, Jennifer Lawton, Marc Moon, Spencer Melby, Ralph Damiano, Brian Lindman, Washington University in St. Louis, St. Louis, MO, USA

8:57 a.m.  
Discussion

9:00 a.m.  
Outcomes of Severe Functional Mitral Regurgitation With Normal Left Ventricular Systolic Function: An Under-Recognized Entity  
Amr F. Barakat, Amgad Mentias, Mohammad Qasim Raza, Amar Krishnaswamy, L. Leonardo Rodriguez, Richard Grimm, Brian Griffin, E. Murat Tuzcu, Samir Kapadia, Cleveland Clinic Foundation, Cleveland, OH, USA

9:12 a.m.  
Discussion

9:15 a.m.  
Comparison of 5-Year Clinical Outcomes in Asymptomatic Versus Symptomatic Patients With Severe Aortic Stenosis Undergoing Aortic Valve Replacement  
Shinichi Shirai, Tomohiko Taniguchi, Takeshi Morimoto, Kenji Ando, Kengo Korai, Kenji Minakata, Michiya Hanyu, Tadaaki Koyama, Tatsuhiko Komiya, Ryuzo Sakata, Takeshi Kimura, Kokura Memorial Hospital, Kitakyushu, Japan

9:27 a.m.  
Discussion

### Vascular Medicine - International Session

#### Session #519

#### Management of Aortic Diseases: Implementing the Guidelines Into Practice: A Clinical Case-Based Symposium: International Perspectives From the European Society of Cardiology and the American College of Cardiology

Monday, April 4, 2016, 8 a.m. - 9:30 a.m.

Room N427ab

CME Hours: 1.5 /CNE Hours: 0

Co-Chair: Fausto J. Pinto  
Co-Chair: Patrick T. O'Gara

8:00 a.m.  
A Case of Acute Aortic Dissection  
Eduardo Bossone

8:23 a.m.  
A Case of Chronic Aortic Dissection  
Kim A. Eagle  
Ann Arbor, MI

8:45 a.m.  
A Case of Aortic Dilatation With Bicuspid Aortic Valve  
Jae K. Oh  
Rochester, MN

9:07 a.m.  
A Case of Aortic Dilatation in Marfan Syndrome  
Guillaume Jondeau  
Paris, France



### Vascular Medicine - Scientific Session

#### Session #731

**Thoracic Aortic Disease - State of the Art: Joint Symposium of the Society of Thoracic Surgeons and the American College of Cardiology**  
Monday, April 4, 2016, 8 a.m. - 9:30 a.m.

Grand Ballroom S100bc

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Nicholas Kouchoukos

Co-Chair: Christiaan J. Vrints

8:00 a.m.

Etiology/Pathogenesis of Aortic Aneurysms and Dissections

Linda A. Pape

8:15 a.m.

Update on Medical Therapies for Aortic Aneurysms

Eric M. Isselbacher

Boston, MA

8:30 a.m.

Indications for Thoracic Aortic Replacement

John A. Elefteriades

New Haven, CT

8:45 a.m.

Aortic Root Replacement Options and Results

Leonard N. Girardi

New York, NY

9:00 a.m.

Open Aortic Arch Replacement Using Moderate Hypothermia and Antegrade Cerebral Perfusion

Bradley Leshnower

Atlanta, GA

9:15 a.m.

Thoracic Endografting for Type B Aortic Dissection

Grayson Wheatley

Philadelphia, PA

### Vascular Medicine - Scientific Session

#### Session #732

**VTE Battle Royale: Controversies in PE and DVT Management**  
Monday, April 4, 2016, 8 a.m. - 9:30 a.m.

Room S101

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Heather L. Gornik

Co-Chair: Gregory Piazza

8:00 a.m.

Debate: PERT: Good Idea but Does It Improve Outcomes? (Pro)

Kenneth Rosenfield

8:08 a.m.

Debate: PERT: Good Idea but Does It Improve Outcomes? (Con)

Joshua A. Beckman

Nashville, TN

8:16 a.m.

ARS Polling - Debate: PERT: Good Idea but Does It Improve Outcomes?

Gregory Piazza

Boston, MA

8:22 a.m.

Debate: Pharmacomechanical Therapy for DVT (Pro)

Riyaz Bashir

Philadelphia, PA

8:30 a.m.

Debate: Pharmacomechanical Therapy for DVT (Con)

Teresa Carman

Cleveland, OH

8:38 a.m.

ARS Polling - Debate: Pharmacomechanical Therapy for DVT

Gregory Piazza

Boston, MA

8:44 a.m.

Debate: Extended Anticoagulation for Unprovoked VTE (Pro)

Gregory Piazza

Boston, MA

8:52 a.m.

Debate: Extended Anticoagulation for Unprovoked VTE (Con)

John R. Bartholomew

Cleveland, OH

9:00 a.m.

ARS Polling - Debate: Extended Anticoagulation for Unprovoked VTE

Gregory Piazza

Boston, MA

9:06 a.m.

Debate: IVC Filters for Submassive PE (Pro)

Ido Weinberg

Boston, MA

9:14 a.m.

Debate: IVC Filters for Submassive PE (Con)

Victor F. Tapson

Beverly Hills, CA

9:22 a.m.

ARS Polling - Debate: IVC Filters for Submassive PE

Gregory Piazza

Boston, MA

### Special Topics - Self-Directed Learning Session

#### Session #1503

**Self-Paced Learning Lab: Heart Songs and ECG Practice**  
Monday, April 4, 2016, 9 a.m. - 5 p.m.

Vista Room Lobby

CME Hours: 2 /CNE Hours: 2

Co-Chair: Michael J. Barrett

10:00 a.m.

Heart Songs Moderator

Andrew M. Freeman





12:00 p.m.

Heart Songs Moderator  
Matthew Schumaecker  
Roanoke, VA

2:00 p.m.

Heart Songs Moderator  
Daniel M. D. Couri  
Springfield, IL

2:00 p.m.

Heart Songs Moderator  
Matthew W. Martinez  
Allentown, PA

### ACC.12 Interventional Cardiology - Poster Contributions

#### Session #1253

#### ACC.12 Interventional Cardiology: IVUS and Intravascular Physiology

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

109 - Frequency and Prognostic Impact of Intravascular Imaging-Guided Urgent Percutaneous Coronary Intervention in Patients With Acute Myocardial Infarction: Results From J-MINUET

Hiroyuki Okura, Masaharu Ishihara, Masashi Fujino, Hisao Ogawa, Koichi Nakao, Satoshi Yasuda, Teruo Noguchi, Yukio Ozaki, Kazuo Kimura, Satoru Suwa, Kazuteru Fujimoto, Yasuharu Nakama, Takashi Morita, Wataru Shimizu, Yoshihiko Saito, Atsushi Hirohata, Yasuhiro Morita, Teruo Inoue, Atsunori Okamura, Masaaki Uematsu, Kazuhito Hirata, Kengo Tanabe, Yoshisato Shibata, Mafumi Owa, Seiji Hokimoto, Nara Medical University, Kashihara, Japan, Hyogo College of Medicine, Nishinomiya, Japan

110 - Usefulness of Blood Speckle Intensity on Intravascular Ultrasound for Functional Assessment of Coronary Artery Stenosis

Yuichi Saito, Hideki Kitahara, Takashi Nakayama, Yoshihide Fujimoto, Yoshio Kobayashi, Chiba University Graduate School of Medicine, Chiba, Japan

111 - Localization of Culprit Endothelial Shear Stress Patterns Along the Course of Untreated Coronary Lesions Responsible for Future MACE: The PROSPECT Study

Marina Zaromytidou, Gregg W. Stone, Akiko Maehara, Ahmet U. Coskun, Charles C. Maynard, Gerasimos Siasos, Ioannis Andreou, Dimitris Fotiadis, Kostas Stefanou, Michail Papafakis, Lampros Michalis, Alexandra J. Lansky, Gary S. Mintz, Patrick W. Serruys, Charles L. Feldman, Peter H. Stone, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA, New York Presbyterian Hospital, Columbia University Medical Center, New York, NY, USA

112 - Is Retinal Layer Thickness Related to Coronary Atherosclerosis? A Study With Retinal Optical Coherence Tomography and Coronary Intravascular Ultrasound-VH

Tomas Kovarnik, Zhi Chen, Andreas Wahle, Hana Skalicka, Ales Kral, Kyungmoo Lee, Ling Zhang, Martin Meliska, John Lopez, Milan Sonka, Ales Linhart, Charles University Hospital, Prague, Czech Republic

113 - High Sensitivity C Reactive Protein Is an Independent Marker of Coronary Endothelial Dysfunction in Patients With Nonobstructive Coronary Artery Disease

Jaskanwal Deep Sara, Ming Zhang, Ryan Lennon, Joerg Herrmann, Lilach Lerman, Amir Lerman, Mayo Clinic, Rochester, MN, USA

114 - The Impact of Serum Trans Fatty Acids Concentration on Plaque Vulnerability in Patients With Coronary Artery Disease Under Management of Conventional Risk Factors: Assessment via Optical Coherence Tomography  
Yoshinori Nagasawa, Toshiro Shinke, Ryuji Toh, Hiromasa Otake, Tomofumi Takaya, Takayoshi Toba, Masaru Kuroda, Hachidai Takahashi, Daisuke Terashita, Kenzo Uzu, Daiji Kashiwagi, Koji Kuroda, Yuto Shinkura, Natsuko Tahara, Hiroyuki Yamamoto, Yoshiro Tsukiyama, Kenichi Yanaka, Yuichiro Nagano, Tatsuro Ishida, Ken-Ichi Hirata, Kobe University Graduate School of Medicine, Kobe, Japan

115 - Association of the Amount of Myocardium Subtended by a Coronary Stenosis With Fractional Flow Reserve

Teruyoshi Uetani, Kazuhisa Nishimura, Chiharuko Iio, Hiroshi Kawakami, Fumiyasu Seike, Haruhiko Higashi, Tamami Kono, Takayuki Nagai, Katsuji Inoue, Jun Suzuki, Teruhito Kido, Akira Kurata, Teruhito Mochizuki, Jitsuo Higaki, Ehime University Graduate School of Medicine, Toon, Japan

117 - Early Coronary Endothelial Dysfunction Predicts Accelerated Plaque Progression 1 Year After Cardiac Transplantation: Serial Volumetric Evaluation by Intravascular Ultrasound

Jang Hoon Lee, Kozo Okada, Kiran Khush, Yuhei Kobayashi, Seema Sinha, Helen Luikart, Hannah Valentine, Alan Yeung, Yasuhiro Honda, William Fearon, Stanford University School of Medicine, Stanford, CA, USA

118 - Intra-Stent Thrombus Formation Following Biolimus A-9 Eluting Stent Implantation in Patients With Shorter and Prolonged Dual Anti-Platelet Therapy: Optical Coherence Tomography Sub-Study of Nippon Trial  
Koji Kuroda, Masato Nakamura, Hiroyoshi Yokoi, Shinsuke Nanto, Kazuaki Mitsudo, Shigeru Saito, Junya Ako, Raisuke Iijima, Toshiro Shinke, Hiromasa Otake, Tomofumi Takaya, Masaru Kuroda, Hachidai Takahashi, Daisuke Terashita, Kenzo Uzu, Yuto Shinkura, Daiji Kashiwagi, Natsuko Tahara, Yoshinori Nagasawa, Ken-Ichi Hirata, Kobe University Graduate School of Medicine, Kobe, Japan

119 - Elevated Hyperemic Microvascular Resistance Is Associated With Lower Coronary Wall Shear Stress in Patients With Non-Obstructive Coronary Artery Disease

Parham Eshtehardi, Olivia Hung, Michel Corban, Lucas Timmins, David Molony, Sung Gyun Ahn, Bill Gogas, Yasir Bouchi, Wenjie Zeng, Faten Sebaali, Udit Joshi, Jon Suh, Don Giddens, Habib Samady, Division of Cardiology, Emory University School of Medicine, Atlanta, GA, USA, Department of Biomedical Engineering, Georgia Institute of Technology and Emory University, Atlanta, GA, USA

120 - Lack of Association Between LDL-Cholesterol, Plaque Burden and Lipid-Rich Plaque in Coronary Lesions Requiring PCI: The COLOR Registry

Stephen J. Nicholls, Jordan Andrews, Nisha Schwarz, Akiko Maehara, Mitsuaki Matsumura, Myong Hwa Yamamoto, Annapoorna Kini, Brijeshwar Maini, Nabil Dib, Priti Shah, James Muller, Gary Mintz, Gregg Stone, Giora Weisz, South Australian Health and Medical Research Institute, Adelaide, Australia, CRF, New York, NY, USA

121 - Bioresorbable Scaffold for the Treatment of Lesions in Small Coronary Arteries: IVUS Insights From the ABSORB JAPAN Trial

Kozo Okada, Hideki Kitahara, Kyuhachi Otagiri, Shigemitsu Tanaka, Takumi Kimura, Paul Yock, Peter Fitzgerald, Takeshi Kimura, Yasuhiro Honda, Division of Cardiovascular Medicine, Stanford Cardiovascular Institute, Stanford University, Stanford, CA, USA



122 - Plasma Cystatin C in Relation to Coronary Atherosclerosis on Intravascular Ultrasound and Cardiovascular Outcome: Impact of Kidney Function (ATHEROREMO-IVUS Study)

Milos Brankovic, K.M. Akkerhuis, Jin Cheng, Rohit Oemrawsingh, Hector Garcia Garcia, Evelyn Regar, Patrick Serruys, Robert van Geuns, Eric Boersma, Isabella Kardys, Erasmus MC, Rotterdam, The Netherlands

123 - Virtual Resting Pd/Pa From 3-Dimensional Quantitative Coronary Angiography and Flow Modeling: Comparison Against Fractional Flow Reserve in Real-World Patients

Michail Papafakis, Takashi Muramatsu, Yuki Ishibashi, Georgia Tsirka, Christos Bourantas, Dimitris Fotiadis, Emmanouil Brilakis, Hector Garcia Garcia, Javier Escaned, Patrick Serruys, Lampros Michalis, University of Ioannina Medical School, Ioannina, Greece, Thoraxcenter, Erasmus MC, Rotterdam, The Netherlands

124 - Comparison of Outcomes After Intravascular Ultrasound-Guided Versus Angiography-Guided Drug-Eluting Stent Implantation in Complex Lesions Coronary Interventions: A Meta-Analysis of 1522 Patients From Randomized Trials

Chirag Bavishi, Saurav Chatterjee, Arpit Shah, Parasuram Krishnamoorthy, Bhavi Pandya, Juan Cordova, Abdur Khan, Carlos Gongora, Hafeez Hassan, Sameer Ather, Mount Sinai St. Lukes's & Roosevelt Hospitals, New York, NY, USA

125 - Introduction of Arterial Shear Stress Score and Its Association With Coronary Artery High-Risk Plaques and Clinical Events: A 3D Optical Coherence Tomography Study

Yiannis S. Chatzizisis, Konstantinos Toutouzias, Andreas Giannopoulos, Maria Riga, Antonios Antoniadis, Yusuke Fujinomi, Dimitrios Mitsouras, Charalambos Doulaverakis, Ioannis Tsamboulatidis, Ioannis Kompatsiaris, Sunao Nakamura, Frank Rybicki, Dimitris Tousoulis, Haralampos Karvounis, George Giannoglou, University of Nebraska Medical Center, Omaha, NE, USA, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA

126 - Hemodynamic Lesion Significance Is Associated With High Plaque Burden but Not With Vulnerable Plaque Composition

Adam J. Brown, Unni Krishnan, Joel Gillebert, James J. Cranley, Martin Bennett, Nicholas West, Stephen Hoole, Papworth Hospital NHS Trust, Cambridge, United Kingdom, University of Cambridge, Cambridge, United Kingdom

127 - In Vivo Assessment of Vasa Vasorum Neovascularization Using Optical Coherence Tomography: A Comparison Between Unstable and Stable Angina Pectoris

Teruyoshi Kume, Ryotaro Yamada, Terumasa Koyama, Kenzo Fukuhara, Yutaka Goryo, Hiroshi Okamoto, Yusuke Kobayashi, Yoichi Neishi, Shiro Uemura, Kawasaki Medical School, Kurashiki, Japan

128 - Fractional Flow Reserve in Patients With Angina in the Absence of Obstructive Coronary Artery Disease: Is There Such a Thing as Normal Coronary Arteries?

Takumi Kimura, William Fearon, Yuhei Kobayashi, Kozo Okada, Kojiro Miki, Vedant Pargaonkar, Paul Yock, Peter Fitzgerald, Yasuhiro Honda, Alan Yeung, Jennifer Tremmel, Stanford University, Stanford, CA, USA

129 - Novel Insights Into the Physiology of Cardiac-Coronary Interaction: A First-in-Human Study Utilising Invasive Real-Time Simultaneous Measures of Coronary and Left Ventricular Hemodynamics

Tiffany Patterson, Simone Rivolo, Brian Clapp, Divaka Perera, Michael Marber, Jack Lee, Simon Redwood, King's College London, London, United Kingdom

130 - Relationship Between Thickness of Calcium and Crack Formation After Balloon Dilatation in Calcified Plaque Requiring Rotational Atherectomy: Serial Optical Coherence Tomography Study

Nobuhiko Maejima, Kiyoshi Hibi, Shotaro Kuji, Kensuke Matsushita, Yugo Minamimoto, Minamimoto, Eiichi Akiyama, Yasushi Matsuzawa, Katsutaka Hashiba, Noriaki Iwahashi, Kengo Tsukahara, Masami Kosuge, Toshiaki Ebina, Satoshi Umemura, Kazuo Kimura, Yokohama City University Medical Center, Yokohama, Japan, Yokohama City University Hospital, Yokohama, Japan

131 - Plaque Characterization Informs the Risk of Periprocedural Myocardial Infarction During PCI: The COLOR Registry

Wenbin Zhang, Giora Weisz, Mitsuki Matsumura, Myong Hwa Yamamoto, Annapoorna Kini, Emmanouil Brilakis, Kendrick Shunk, James Goldstein, Priti Shah, James Muller, Jordan Andrews, Ovidiu Dressler, Gary Mintz, Stephen Nicholls, Gregg Stone, Akiko Maehara, Cardiovascular Research Foundation, New York, NY, USA

132 - Clinical Decision Making for the Hemodynamic Gray Zone (FFR 0.75-0.80) and Impact on Long Term Outcomes

Shiv Kumar Agarwal, Mohan Edupuganti, Ahmed Almomani, Naga Venkata Pothineni, Jason Payne, Srikanth Kasula, Sameer Raina, Fnu Shailesh, Barry Uretsky, Abdul Hakeem, Central Arkansas Veterans Healthcare System, Little Rock, AR, USA, University of Arkansas for Medical Sciences, Little Rock, AR, USA

### ACC.12 Interventional Cardiology - Poster Contributions

#### Session #1254

#### Hemodynamics and Miscellaneous

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

133 - Predictive Accuracy of Resting Gradient (pd/pa) for Identifying Ischemic Coronary Lesions

Shiv Kumar Agarwal, Sameer Raina, Mohan Edupuganti, Ahmed Almomani, Jason Payne, Naga Venkata Pothineni, Fnu Shailesh, Srikanth Kasula, Sabha Bhatti, Zubair Ahmed, Barry Uretsky, Abdul Hakeem, Central Arkansas Veterans Healthcare System, Little Rock, AR, USA, University of Arkansas for Medical Sciences, Little Rock, AR, USA

134 - Risk Factors of Adverse Events Following Surgery Among Patients Treated With Coronary Drug-Eluting Stent Implantation

Gro Egholm, Steen Kristensen, Troels Thim, Kevin K W Olesen, Morten Madsen, Henrik T Sørensen, Svend Eggert Jensen, Lisette Jensen, Hans Erik Bøtker, Michael Maeng, Department of Cardiology, Aarhus University Hospital, Aarhus, Denmark, Department of Clinical Epidemiology, Aarhus University Hospital, Aarhus, Denmark

135 - Use of Novel Intracoronary Technology to Investigate the Effect of Cold Air Inhalation During Exercise on Coronary Microvascular Resistance and Blood Flow: Cross-Sectional Study in 39 Coronary Artery Disease Patients  
Rupert Williams, Kaleab Asress, Matthew Lumley, Satpal Arri, Tiffany Patterson, Howard Ellis, Vasi Manou-Stathopoulou, Muhammed Khawaja, Natalia Briceno, Konstantinos Moschonas, Brian Clapp, Divaka Perera, Sven Plein, Michael Marber, Simon Redwood, St Thomas' Hospital Campus, King's College London, London, United Kingdom

136 - A Comprehensive Comparison of the Pathophysiological and Prognostic Significance of Coronary Flow Reserve and the Index of Microvascular Resistance in the Culprit Coronary Artery of Patients With Acute ST-Elevation Myocardial Infarction



David Carrick, Caroline Haig, Jamie Layland, Nadeem Ahmed, Margaret McEntegart, Mark Petrie, Hany Eteiba, Stuart Hood, Stuart Watkins, Martin Lindsay, Ahmad Mahrous, Sam Rauhalamm, Ify Mordi, Ian Ford, Naveed Sattar, Aleksandra Radjenovic, Keith Oldroyd, Colin Berry, Golden Jubilee National Hospital, Clydebank, United Kingdom

137 - Angiographic Healing of Spontaneous Coronary Artery Dissection in Patients Presenting With TIMI-O Flow During Index Event  
Roshan Prakash, Andrew Starovoytov, Robert Boone, Eve Aymong, G. B. John Mancini, Jacqueline Saw, Vancouver General Hospital, Vancouver, Canada

138 - Trends in Pulmonary Artery Catheter Use in the United States, 1999-2013  
Kevin Ikuta, Austin Robinson, Yun Wang, Harlan Krumholz, Nihar Desai, Yale University, New Haven, CT, USA

139 - Comparison of Peri-Procedural Antithrombotic Agents for Urgent Percutaneous Coronary Intervention Following Fibrinolytic Therapy  
Jaya Reddy Mallidi, Paul Visintainer, Peter Robinson, Amir Lotfi, Scott Mulvey, Gregory Giugliano, Baystate Medical Center, Springfield, MA, USA

140 - Prognostic Impact of Unrecognized Myocardial Scar in Non-Infarct Related Coronary Territories Detected by Cardiac Magnetic Resonance Imaging in Patients With Acute Myocardial Infarction  
Taku Omori, Tairo Kurita, Kaoru Dohi, Akihiro Takasaki, Tomoyuki Nakata, Shiro Nakamori, Kakuya Kitagawa, Kozo Hoshino, Hajime Sakuma, Masaaki Ito, Department of Cardiology, Mie University Graduate School of Medicine, Tsu, Japan

141 - Beneficial Effects of Levosimendan on Survival in Patients Undergoing Extracorporeal Membrane Oxygenation Following Cardiovascular Surgery  
Klaus Distelmaier, Christian Roth, Lore Schrutka, Christina Binder, Barbara Steinlechner, Gottfried Heinz, Irene Lang, Gerald Maurer, Herbert Koinig, Alexander Niessner, Martin Hülsmann, Walter Speidl, Georg Golasch, Medical University of Vienna, Vienna, Austria

142 - The Effect of Ticagrelor Administered Through a Nasogastric Tube to Comatose Patients Undergoing Acute Percutaneous Coronary Intervention After Cardiac Arrest: The TICOMA Trial  
Lene Holmvang, Golnaz Sadjadieh, Hedvig B. Andersson, Martin Frydland, Sebastian C. Wiberg, Jesper Kjaergaard, Hanna Ratcovich, Rigshospitalet, Copenhagen, Denmark

143 - Virtual Histology-Intravascular Ultrasound and Optical Coherence Tomography Assessment of Culprit Lesions Before and Lesion Coverage After Angiographically-Guided Stent Implantation in Patients With ST Elevation Myocardial Infarction and Non-ST Elevation Acute Coronary Syndrome Undergoing Primary Percutaneous Coronary Intervention  
Blaz Mrevlje, Blaz Mrevlje, Jacek Legutko, Jacek Jakala, Marko Noc, Igor Kranjec, Lukasz Rzeszutko, Wojciech Zasada, Lukasz Partyka, Dariusz Dudek, University Medical Centre Ljubljana, Ljubljana, Slovenia

144 - Long-Term Outcomes of Vasospastic Angina Patients With Diabetes Mellitus  
Choong-Sil Seong, Hyunsung Joh, Kyung Hee Lim, Taek Kyu Park, Jeong Hoon Yang, Seoung-Hyuk Choi, Young Bin Song, Joo-Yong Hahn, Jin-Ho Choi, Sang Hoon Lee, Hyeon-Cheol Gwon, Division of Cardiology, Department of Medicine, Samsung Medical Center, Seoul, South Korea

145 - Myocardial Infarction Related Hospitalizations and In-Hospital Mortality Among Male and Female California Residents, 2000-2013

Anura Weralupe Ratnasiri, Chulani T. Kappagoda, Ezra Amsterdam, Shanthi Kappagoda, California Department of Health Care Services, Sacramento, CA, USA, University of California Davis, Sacramento, CA, USA

146 - A Comparison Between Conventional Contrast-Induced Nephropathy and Novel Definition (Kidney Disease: Improving Global Outcomes) to Predict Cardiovascular Risks in Patients With Acute Coronary Syndrome Undergoing Primary Percutaneous Coronary Intervention

Ipppei Watanabe, Rine Nakanishi, Shingo Matsumoto, Shintaro Dobashi, Takayuki Yabe, Ryo Okubo, Hideo Amano, Mikihiro Toda, Takanori Ikeda, Division of Cardiovascular Medicine, Department of Internal Medicine, Toho University Faculty of Med, Tokyo, Japan

147 - The Clinical Features and Underlying Pathophysiology of Myocardial Infarction With No Obstructive Coronary Atherosclerosis: The Role of Optical Coherence Tomography

Tatsunori Takahashi, Hideki Okayama, Go Kawamura, Tatsuya Shigematsu, Masaki Kinoshita, Yoshitaka Kawada, Go Hiasa, Tadakatsu Yamada, Yukio Kazatani, Ehime Prefectural Central Hospital, Matsuyama, Japan

148 - National Trends and Outcomes in Dialysis Requiring Acute Kidney Injury After Percutaneous Coronary Intervention After Acute Myocardial Infarction  
Bhavi Pandya, Achint Patel, Neil Joshi, Armaghan Soomro, Jonathan Spagnola, Pranav Garimella, Girish Nadkarni, Suzanne El-Sayegh, James Lafferty, Staten Island University Hospital, Staten Island, NY, USA

167 - Neutrophil-Derived Microparticles Are Released Into the Coronary Circulation Following Coronary Intervention in Acute Coronary Syndrome Patients

Jennifer Barraclough, Gonzalo J. Martínez, Shirley Nakhla, Vivian Kienzie, Stacy Robertson, Ziad Mallat, David Celermajer, Sanjay Patel, Department of Cardiology, Royal Prince Alfred Hospital, Sydney, Australia, Heart Research Institute, Sydney, Australia

168 - Instantaneous Wave-Free Ratio Is Not Inferior to Fractional Flow Reserve for Assessment of Intermediate Coronary Artery Stenoses  
Dmitry Darenskiy, Vladimir Gramovich, Maxim Mitroshkin, Vladimir Sergienko, Ekaterina Zharova, Yuriy Matchin, Russian Cardiology Research and Production Complex, Moscow, Russian Federation

169 - Pd/Pa Variation Prevalence and 2-Hour Repeatability During Fractional Flow Reserve Assessment

Dimitrios Alexopoulos, Periklis Davlouros, Grigorios Tsigkas, Nikolaos Koutsogiannis, Athanasios Moulas, Stelios Armilagos, Paraskevi Salata, Marianna Leopoulou, Ioanna Xanthopoulou, Patras University Hospital, Patras, Greece

170 - The Effect of High (200µg/kg/min) Versus Standard (140µg/kg/min) Adenosine Dose in Patients With Pd/Pa Variation During Standard FFR Assessment

Dimitrios Alexopoulos, Periklis Davlouros, Grigorios Tsigkas, Nikolaos Koutsogiannis, Athanasios Moulas, Stelios Armilagos, Paraskevi Salata, Marianna Leopoulou, George Hahalas, Ioanna Xanthopoulou, Patras University Hospital, Patras, Greece



### ACC.i2 Interventional Cardiology - Poster Contributions

#### Session #1255

#### TAVR: Evolution of the Procedure

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 / CNE Hours: 0.75

149 - Non-Transfemoral Transcatheter Aortic Valve Implantation: Results From the French-American Registry

Magdalena Murman, Abdulla Damluji, Mauro Moscucci, Roger Carrillo, Donald Williams, Alan Heldman, Eduardo De Marchena, Claudia Martinez, Carlos Alfonso, Mauricio Cohen, Lionel Leroux, University of Miami Hospital, Miami, FL, USA

150 - Effective Orifice Area Reference Values With the Different Sizes of the SAPIEN 3 Balloon-Expanding Transcatheter Aortic Valve

Brandon S. Oberweis, Nadira Hamid, Omar Khalique, Isaac George, Tamim Nazif, Torsten Vahl, Jonathon White, Susheel Kodali, Martin Leon, Rebecca Hahn, Columbia University Medical Center, New York, NY, USA

151 - Outcomes With Conscious Sedation Versus General Anesthesia in Patients Undergoing Transcatheter Aortic Valve Replacement

Michelle Lew, Ruth Kuo, Kristine Ortwine, Scripps Health, San Diego, CA, USA

152 - The Fate of Right Bundle Branch Block in Transcatheter Aortic Valve Implantation: A Multicenter Collaboration

Lennart van Gils, Joost Daemen, Didier Tchetché, Nicolas Dumonteil, Peter de Jaegere, Nicolas Van Mieghem, Erasmus MC, Rotterdam, The Netherlands, Clinique Pasteur, Toulouse, France

153 - Outcomes of Impella Assisted Percutaneous Balloon Aortic Valvuloplasty in Very High Risk Severe Aortic Stenosis Patients

Pradeep Yadav, Marvin Eng, George Divine, Dee Dee Wang, Heidar Arjomand-Fard, Janet Wyman, Michael Isley, Jamil Borgi, Gaetano Paone, Adam Greenbaum, William O'Neill, Henry Ford Hospital, Detroit, MI, USA

154 - A Highly Predictive Risk Model For New Permanent Pacemaker Implantation After Balloon-Expandable Transcatheter Aortic Valve Replacement

Yoshio Maeno, Hiroyuki Kawamori, Yoshio Kazuno, Nobuyuki Takahashi, Yigal Abramowitz, Shunsuke Kubo, Mohammad Kashif, Kazuaki Okuyama, Tarun Chakravarty, Mamoo Nakamura, Wen Cheng, Raj Makkar, Hasan Jilaihwai, Cedars Sinai Medical Center, Los Angeles, CA, USA

155 - Effect of Bivalirudin Versus Heparin in a Contemporary TAVR Population of Women: Results From the BRAVO 3 Randomized Trial

Jaya Chandrasekhar, Anna Petronio, Thierry Lefevre, Christian Kupatt, Didier Tchetché, Nicolas Dumonteil, John Webb, Antonio Colombo, Stephan Windecker, David Hildick-Smith, Peter Boekstegers, Axel Linke, Eric Van Belle, Gennaro Sardella, Oliver Husser, Eberhard Grube, Efthymios Deliargyris, Promodoros Anthopoulos, Roxana Mehran, George Dangas, BRAVO 3 Investigators, Icahn School of Medicine at Mount Sinai, New York, NY, USA

156 - Transfemoral Aortic Valve Implantation With the New Edwards Sapien 3 Valve for Treatment of Severe Aortic Stenosis

Jochen Woehrle, Birgid Gonska, Christoph Rodewald, Julia Seeger, Dominik Scharnbeck, Wolfgang Rottbauer, University of Ulm, Ulm, Germany

157 - Comparison of Sapien 3 and Sapien XT Transcatheter Heart Valve Stent-Frame Expansion: Evaluation Using Multi-Slice Computed Tomography

Yoshio Kazuno, Yoshio Maeno, Hiroyuki Kawamori, Nobuyuki Takahashi, Yigal Abramowitz, Mohammad Kashif, Tarun Chakravarty, Hariri Babak, Mamoo Nakamura, Wen Cheng, John Friedman, Daniel Berman, Raj Makkar, Hasan Jilaihwai, Cedars-Sinai Medical Center, Los Angeles, CA, USA

158 - Assessment of Balloon-Expandable Transcatheter Heart Valve Oversizing Using Three-Dimensional Transesophageal Echocardiography Semi-automation Versus. Direct Planimetry: All Methods Are Not Created Equal

Omar K. Khalique, Nadira Hamid, Jonathon White, Juan Terre, Ramin Hastings, Tulio Palmerini, Susheel Kodali, Tamim Nazif, Torsten Vahl, Isaac George, Martin Leon, Rebecca Hahn, Columbia University Medical Center, New York, NY, USA

159 - Annulus Assessment Prior to Transcatheter Aortic Valve Replacement: Annulus Dimensions May Not Be Largest in Mid-Systole

Omar K. Khalique, Nicolas Bettinger, Nadira Hamid, Susheel Kodali, Rebecca Hahn, Jonathon White, Ramin Hastings, Juan Terre, Tulio Palmerini, Tamim Nazif, Torsten Vahl, Isaac George, Martin Leon, Columbia University Medical Center, New York, NY, USA

161 - Recent Trends in Hospitalization for Transfemoral Aortic Valve Implantation: Analysis of 7,929 Procedures

Sagar Mallikethi-Reddy, Luis Afonso, Alexandros Briasoulis, Division of Cardiology, Detroit Medical Center, Wayne State University School of Medicine, Detroit, MI, USA

162 - Early Discharge After Transfemoral Transcatheter Aortic Valve Implantation With the Edwards SAPIEN-XT or SAPIEN-3 Prosthesis: A Prospective Analysis of Safety and Feasibility

Anna Bizios, Guillaume Cellier, Eric Durand, Christophe Tron, Fabrice Bauer, G. Alain Cribier, Bastien Glinel, Helene Eltchaninoff, Hopital Charles Nicolle, Rouen, France

163 - An "All-Corner" Minimalist Approach to Transcatheter Aortic Valve Replacement Is as Safe and Effective as the Traditional Approach

Gilbert Tang, Cheng Feng, Hasan Ahmad, Martin Cohen, Pascale Nadeau, Cenap Undemir, Angelica Ponios, Alexis Kearns, Ryan Kaple, Joanne Bennett, Amar Shah, Tanya Dutta, Steven Lansman, Westchester Medical Center, Valhalla, NY, USA

164 - Direct Transcatheter Aortic Valve Replacement Versus Implantation With Balloon Predilatation: Insights From the Brazilian TAVR Registry

Fernando Bernardi, Henrique Ribeiro, Luiz Carvalho, Rogerio Sarmiento-Leite, José Mangione, Eduardo Sousa, Pedro Lemos, Eberhard Grube, Josep Rodes-Cabau, Fabio Brito, Brazilian Society of Hemodynamics and Interventional Cardiology, São Paulo, Brazil

165 - Minimalist Versus Standard Transfemoral Transcatheter Aortic Valve Replacement in Patients With Severe Chronic Obstructive Lung Disease

Moosa Haider, Jose Condado Contreras, Hope Caughron, Vinod Thourani, Chandan Devireddy, Bradley Leshnower, Kreton Mavromatis, Eric Sarin, James Stewart, Robert Guyton, Jessica Forcillo, Ateet Patel, Amy Simone, Patricia Keegan, Peter Block, Vasilis Babaliarios, Emory University School of Medicine, Atlanta, GA, USA

166 - Incidence and Resource Utilization of Permanent Pacemaker Implantation After Surgical and Transcatheter Aortic Valve Replacement: Insights From the Nationwide Inpatient Sample

Chad J. Zack, Mohamad Alkhouli, Mohammad Sarraf, Charanjit Rihal, Mayo Clinic, Rochester, MN, USA





### ACC.i2 Interventional Cardiology - Poster Contributions

#### Session #1256

#### Devices: Coronary Stents

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

171 - Meta-Analysis of Randomized Clinical Trials Comparing Safety and Efficacy of Biodegradable Polymer-Coated Versus New-Generation Durable Polymer Drug-Eluting Stents up to 12 Months

Bertrand Njume Mukete, Liefke van der Heijden, Hassan Baydoun, Derar Albashaireh, Kenneth Tandjung, Qusai Saleh, Asif Anwar, Nidal Abi Rafeh, Thierry Le Jemtel, Clemens von Birgelen, Tulane University School of Medicine, New Orleans, LA, USA, University of Twente/Thoraxcentrum Twente/Medisch Spectrum Twente, Enschede, The Netherlands

172 - Safety and Efficacy of the Absorb Everolimus-Eluting Bioresorbable Vascular Scaffold Versus New-Generation Durable Polymer Everolimus-Eluting Stents: A Meta-Analysis Based on Clinical Outcome Data From Randomized Comparisons

Bertrand Njume Mukete, Kapil Yadav, Hassan Baydoun, Liefke C. van der Heijden, Kenneth Tandjung, Alvaro Alonso, Asif Anwar, Thierry Le Jemtel, Nidal Abi Rafeh, Clemens von Birgelen, Tulane University School of Medicine, New Orleans, LA, USA, University of Twente/Thoraxcentrum Twente/Medisch Spectrum Twente, Enschede, The Netherlands

173 - Comparison of Chronic Angioscopic Findings of BMS, 1st-Generation DES and 2nd-Generation DES: A Report From Japanese Multicenter Registry (MICASA)

Kazuoki Dai, Hiroshi Matsuoka, Hideo Kawakami, Tetsuya Sato, Koki Watanabe, Yasuharu Nakama, Masaharu Ishihara, Hiroshima City Hospital, Hiroshima, Japan, Hyogo College of Medicine, Nishinomiya, Japan

174 - Comparison With Each Type of Stent Platform: Impact of Longitudinal Stent Elongation and Shortening During Stent Expansion From 0 to 20 Atmospheric Pressure

Tomohiro Shiohira, Masashi Iwabuchi, University of the Ryukyus, Okinawa, Japan

175 - Stent Strut Coverage and Apposition at 1 and 3 Months After Implantation of a Novel Drug-Filled Coronary Stent: First Report From the RevElution Study

Stephen G. Worthley, Alexandre Abizaid, Ajay Kirtane, Daniel Simon, Stephan Windecker, Gregg Stone, Medtronic, Santa Rosa, CA, USA

176 - Safety and Efficacy of Bioresorbable Vascular Scaffolds Versus Metallic Everolimus-Eluting Stents in Coronary Artery Disease: A Weighted Meta-Analysis of 6 Randomized Controlled Trials Enrolling 3,733 Patients

Joelle Elias, Robin P. Kraak, Mariella Hassell, Joanna J. Wykrzykowska, Robbert de Winter, Jan Piek, José Henriques, Bimmer Claessen, Academic Medical Centre Amsterdam/Academic Medici, Amsterdam, The Netherlands

177 - Incidence and Clinical Impact of Late-Acquired Stent Fracture After Sirolimus-Eluting Stent Implantation

Shoichi Kuramitsu, Hiroyuki Jinnouchi, Takashi Hiromasa, Yuhei Yamaji, Mizuki Miura, Yukiko Matsumura, Hisaki Masuda, Takenori Domei, Makoto Hyodo, Yoshimitsu Soga, Shinichi Shirai, Kenji Ando, Kokura Memorial Hospital, Kitakyushu, Japan

178 - Relation Between Bioresorbable Scaffold Sizing Using QCA-Dmax and Clinical Outcomes at 2 Years in 1192 Patients From Three Study Cohorts (ABSORB Cohort B, ABSORB EXTEND and ABSORB II)

Yoshinobu Onuma, Yohei Sotomi, Pannipa Suwannasom, Antonio Bartorelli, Robert Whitbourn, Bernard Chevalier, Alexandre Abizaid, John Ormiston, Richard Rapoza, Susan Veldhof, Patrick Serruys, Thoraxcenter, Erasmus University Medical Center, Rotterdam, The Netherlands

179 - Real-World Experience of Biolimus A9-Eluting Stents and Comparison With Everolimus-Eluting Xience Prime Stents in All-Coroner Registries: Preliminary Report for Patient-Oriented and Stent-Related 2-Year Outcomes From the Multicenter Prospective Biolimus-Korea-3000 Registry and Excellent-Prime Registry

Chan Soon Park, Chi-Hoon Kim, Jung-Kyu Han, Han-Mo Yang, Kyung Woo Park, Hae-Young Lee, Hyun-Jae Kang, Bon Kwon Koo, Hyosoo Kim, Seoul National University Hospital, Seoul, South Korea

180 - New Generation Drug-Eluting Stent Superior to Benchmark Xience Drug-Eluting Stent

Masato Nakamura, Satoru Otsuji, Yoshihisa Nakagawa, Yuji Oikawa, Nobuo Shiode, Masatoshi Miyahara, Gaku Nakazawa, Hiroyoshi Yokoi, Associations for Establishment of Evidence in Interventions, Minatoku, Tokyo, Japan

181 - Clinical Predictors of Heterogeneous In-Stent Neointima Assessed With Optical Coherence Tomography

Takeshi Tada, Kazushige Kadota, Seiji Habara, Hiroyuki Tanaka, Yasushi Fuku, Tsuyoshi Goto, Kazuaki Mitsudo, Kurashiki Central Hospital, Kurashiki, Japan

182 - Second-Generation Versus First-Generation Drug-Eluting Stents in Patients With and Without Diabetes Mellitus: Pooled Analysis From the RESET and NEXT Trials

Kenji Nakatsuma, Hiroki Shiomi, Masahiro Natsuaki, Takeshi Morimoto, Takeshi Kimura, Kyoto University, Kyoto, Japan

183 - Long-Term Outcomes of Patients Treated With Everolimus-Eluting Bioresorbable Vascular Scaffolds Versus Everolimus-Eluting Metallic Stents: A Propensity Score Comparison of Patients Enrolled in the ABSORB EXTEND and SPIRIT Trials

Jose de Ribamar Costa, Alexandre Abizaid, on behalf of ABSORB Extend Co-Investigators, Dante Pazzanese, São Paulo, Brazil

184 - A Novel Thin-Strut Sirolimus-Eluting Bioresorbable Scaffold: Preclinical Evaluation in Porcine Coronary Arteries up to 6 Months

Yanping Cheng, Pawel Gasior, Gaoke Feng, Edward A. Estrada, Jennifer McGregor, Kamal Ramzipoor, Chang Lee, Wang Lijie, Gerard Conditt, Serge Rousselle, Greg Kaluza, Juan Granada, CRF Skirball Center for Innovation, Orangeburg, NY, USA

185 - Stent Thrombosis: Is the Achilles Heel of Bioresorbable Scaffolds Emerging? A Meta-Analysis of Randomized Clinical Trials

Felix M. Valencia-Serrano, María Valencia-Serrano, Miguel Angel Martinez-Gonzalez, Torrecárdenas University Hospital, Almería, Spain

186 - Assessment of Benefits With Drug-Eluting Stents Use According to the Risk of Bleeding and Target Vessel Revascularization

Jae-Sik Jang, Fengming Tang, Philip Jones, David Cohen, Suzanne Arnold, Ali Shafiq, Garth Graham, John Spertus, Inje University Busan Paik Hospital, Busan, South Korea



187 - Safety and Efficacy Outcomes of Bioresorbable Scaffold Stents for Treatment of Ischemic Coronary Artery Disease: A Meta-Analysis of RCTs  
Daniel Garcia, Mohammad Ansari, Carlos Alfonso, Rhanderson Cardoso, Babak Hassid, Varinder Singh, Ochsner Heart and Vascular Institute, New Orleans, LA, USA

188 - Safety and Efficacy of Bioresorbable Polymer for Coronary Artery Disease: A Meta-Analysis of Randomized Clinical Trial  
Daniel Garcia, Mohammad Ansari, Rhanderson Cardoso, Carlos Alfonso, Babak Hassid, Varinder Singh, Ochsner Heart and Vascular Institute, New Orleans, LA, USA, Metro Health Heart and Vascular Institute, Wyoming, MI, USA

189 - Early Healing After Treatment of Coronary Lesions by Everolimus or Biolimus Eluting Bioresorbable Polymer Stents: The SORT-OUT VIII Optical Coherence Tomography Study  
Ida Riise Balleby, Lene Nyhus Andreassen, Lasse Hebsgaard, Trine Orhoj Barkholt, Christian Terkelsen, Lisette Jensen, Emil Holck, Michael Maeng, Lars Krusell, Jouke Dijkstra, Lisbeth Antonsen, Anne Kaltoft, Troels Munck Nielsen, Jakob Hjort, Steen Kristensen, Mikkel Hougaard, Shengxian Tu, Hans Botker, Jens Lassen, Evald Christiansen, Niels Holm, Aarhus University Hospital, Skejby, Aarhus N, Denmark, Odense University Hospital, Odense C, Denmark

190 - Very Late Stent Thrombosis After Drug-Eluting "Crush" and "Mini-Crush" Bifurcation Stenting Is Prevented by Prolonged Dual Antiplatelet Therapy  
Sanjiv Sharma, Rohan Sharma, Neil Bhambi, Brijesh Bhambi, Tetsuo Ishimori, Bakersfield Heart Hospital, Bakersfield, CA, USA, UCLA, Los Angeles, CA, USA

### Acute Coronary Syndromes - Poster Contributions

#### Session #1248

#### STEMI: Pre-Hospital Care, Diagnosis and Treatment

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

1 - Training Non-Cardiologists Decreases Mortality due to ST Elevation Myocardial Infarction: A Program From the Society of Cardiology of Sao Paulo State, Brazil

Luiz A. Machado Cesar, Rui Ramos, Carlos Magalhaes, Joao Monteiro Ferreira, Bruno M. Miotto, Naide Oliveira, Pedro Farsky, Amaury Amaral, Antonio CC Moreno, Cardiology Society of the State of Sao Paulo, Sao Paulo, Brazil, Secretary of Health fro Sao Paulo State Brazil, Sao Paulo, Brazil

2 - Improving Outcomes of Patients Presenting With Anterior ST Elevation Myocardial Infarction Who Undergo Primary Percutaneous Primary Intervention Over 20 Years in a Tertiary Center

Amgad G. Mentias, Amr F. Barakat, Mohammad Raza, Russell Raymond, Venu Menon, Conrad Simpfordorfer, Irving Franco, Stephen Ellis, E. Murat Tuzcu, Samir Kapadia, Heart and Vascular Institute, Cleveland Clinic, Cleveland, OH, USA

3 - Factors Associated With Prehospital Delay in Patients With ST-Elevation Myocardial Infarction

Madhur Roberts, Connor Healey, Christopher Garcia, Melissa Fazzari, Srihari Naidu, Winthrop University Hospital, Mineola, NY, USA

4 - Relationship Between the First Diagnostic Ecg and Time to the Start of Symptoms in Acute Myocardial Infarction

Roberta Montisci, Roberto Floris, Giulia Corda, Michela Congia, Cristina Cacace, Maria Francesca Marchetti, Luigi Meloni, Clinical Cardiology University of Cagliari, Cagliari, Italy

5 - Component Times in Primary Percutaneous Coronary Intervention: Where Does the Time Go?

James Kiberd, George Kephart, Iqbal Bata, Garima Mann, Ata-Ur-Rehman Quraishi, Queen Elizabeth II Health Sciences Centre, Halifax, Canada, Dalhousie University, Halifax, Canada

6 - Impact of Regional Systems of Care on Disparities of Care in Females and Blacks Presenting With ST Elevation Myocardial Infarction

Tomoya Timothy Hinohara, Christopher Fordyce, Matthew Sherwood, Joan Gu, Hussein Al-Khalidi, Mayme Roettig, Peter Berger, Claire Corbett, Jacqueline Tamis-Holland, Joseph Burchenal, Lisa Monk, B. Hadley Wilson, James Jollis, Christopher Granger, Duke University Medical Center, Durham, NC, USA, Duke Clinical Research Institute, Durham, NC, USA

7 - Gender Differences in Door to EKG Time in the STEMI Population Lead to Worse Cardiovascular Outcomes

Shailendra Singh, Alexandria Puma, Vinayak Shenoy, Yeva Grayver, Evelina Grayver, North Shore LIJ Hofstra School of Medicine, Manhasset, NY, USA

8 - Symptom-Based Smartphone App for Detecting Acute Coronary Syndrome: A Diagnostic Accuracy Study

Rajeev Kumar Rathi, Ashwini Kalantri, SP Kalantri, Vidushi Rathi, Mahatma Gandhi Institute of Medical Sciences, Sevagram, India, Max Super Specialty Hospital, New Delhi, India

9 - Accuracy of Interpreting Fax to Email ST-Elevation Myocardial Infarction Electrocardiograms Viewed on Smartphones

Elias Nehme, John Riskallah, David Burgess, Ajita Kanthan, Peter Fahmy, Rajan Rehan, Blacktown Hospital, Blacktown, Australia, Western Sydney University, Sydney, Australia

10 - Pilot Study of the Mobile Triage Platform for Patient Engagement at the Point of Service

Regina S. Druz, Ali Hussain, Tooba Hussain, Roman Zeltser, Amgad Makaryus, Nassau University Medical Center, Hofstra NSLIJ School of Medicine, East Meadow, NY, USA, Integrative Cardiology Center of Long Island, Mineola, NY, USA

11 - Economic Impact of False ST-Segment Elevation Myocardial Infarction (STEMI) Cardiac Catheterization Laboratory (CCL) Activations at a Major Los Angeles County STEMI-Receiving Center (SRC)

Timothy D. Henry, Lorie Younger, Arsalan Derakhshan, Stanley Conte, Effie Pappas-Block, Raj Makkar, Saibal Kar, Brennan Spiegel, Joel M. Geiderman, Sam Torbati, David Lange, Cedars-Sinai Heart Institute, Los Angeles, CA, USA

12 - Safety and Efficacy of a Pharmacologic Invasive Strategy in ST-Elevation Myocardial Infarction: A Patient Population Study Comparing a Pharmacologic Invasive Strategy to a Primary Percutaneous Coronary Intervention Strategy Within a Regional System

Mohammed Rashid, Nita Guron, Jordan Bernick, Aun-Yeong Chong, Alexander Dick, Michael Froeschl, Chris Glover, Benjamin Hibbert, Marino Labinaz, Jean-Francois Marquis, Christina Christina, Derek So, Michel Le May, University of Ottawa Heart Institute, Ottawa, Canada



13 - Impact of Onset to Balloon Time and Short-Term Mortality in Patients With Cardiogenic Shock Complicating Acute Coronary Syndrome Treated With Primary Percutaneous Coronary Intervention From Jcs Shock Registry  
Hideki Ebina, Matoba Tetsuya, Mohri Masahiro, Tanaka Nobuhiro, Hokama Yohei, Fukutomi Motoki, Hashiba Katsutaka, Fukuhara Rei, Ueki Yasushi, Suwa Satoru, Matsuura Hirohide, Tachibana Eizo, Yonemoto Naohiro, Nagao Ken, JCS Shock Registry Scientific Committee, Tokyo, Japan

14 - Trends in Prevalence and In-Hospital Mortality of Stemi in Patients With Active Cancer: A Nationwide Analysis of 12 Years  
Nishi Shah, Naga Venkata Pothineni, Yogita Rochlani, Sabha Bhatti, Abdul Hakeem, Univ of Arkansas for Med Sciences, Little Rock, AR, USA

15 - Impact of Gender on Door to Balloon Time in STEMI  
Mostafa El-Refai, Razvan Dadu, Ana Davis, Jaromir Bobek, I-Hui Chiang, Mahboob Alam, Nasser Lakkis, Baylor College of Medicine, Houston, TX, USA

16 - The Elusive Initial Electrocardiogram in Patients With ST-Elevation Myocardial Infarction  
Michael A. Millard, Vijaiganesh Nagarajan, Robert Schutt, Ellen Keeley, University of Virginia, Charlottesville, VA, USA, Houston Methodist DeBakey Heart & Vascular Center, Houston, TX, USA

17 - Electrocardiographic Findings Leading to False ST Elevation Myocardial Infarction Activations at a Percutaneous Coronary Intervention Capable Center  
Christina Dookhan, Abhijit Ghatak, Eduardo De Marchena, Cesar Mendoza, Alexandre Ferreira, Jackson Memorial Hospital, Miami, FL, USA, University of Miami Miller School of Medicine, Miami, FL, USA

18 - Evolution of Door to Balloon Delay and the Effect on Mortality in a Single Center Retrospective Analysis  
Jonathan Dumont, Benoit Daneault, Paul Farand, Michel Nguyen, Centre Hospitalier Universitaire de Sherbrooke, Sherbrooke, Canada

19 - Optimizing Electrocardiogram Interpretation and Catheterization Laboratory Activation in ST-Segment Elevation Myocardial Infarction: A Teaching Module for Medical Students  
Mortada Shams, Alexander Sullivan, Shajidan Abudureyimu, Bassel Hassouna, Vimala Jayanthi, Richard Amdur, P. Jacob Varghese, Marco Mercader, The George Washington University Medical Center, Washington, DC, USA

20 - Field Activation of the Cardiac Catheterization Lab With a Dedicated Unit and Staff in the Emergency Department Reduces Door to Balloon Time in the Treatment of ST-Elevation Myocardial Infarction: A Single Center Lean Process Experience  
Leif Christianson, Marc Kaufman, Edward Keshishian, Amit Mitra, Michael Berlowitz, University of South Florida, Tampa, FL, USA, Auburn University, Auburn, AL, USA

21 - Significant Decreases in Door to Balloon Times Do Not Correlate With Meaningful Reductions in Mortality or Improved Myocardial Salvage in a Single Center Retrospective Study  
Marc V. Kaufman, Leif Christianson, Edward Keshishian, Amit Mitra, Michael Berlowitz, University of South Florida, Tampa, FL, USA, Auburn University, Auburn, AL, USA

22 - Ventricular Fibrillation Among Patients With ST-Elevation Myocardial Infarction in the PCI Era

Benjamin Johnson, Ross Garberich, Derek Johnson, David Larson, David Hildebrandt, Timothy Henry, Scott Sharkey, Minneapolis Heart Institute Foundation, Minneapolis, MN, USA, Hennepin County Medical Center, Minneapolis, MN, USA

23 - Usefulness of Reciprocal Changes in the Diagnosis of Myocardial Infarction With Minimal ST-Elevation  
David Marti, Eduardo Casas, José Luis Mestre, Luisa Salido, María Jesus Esteban, Jaime Pey, Marcelo Sanmartín, Rosana Hernández-Antolín, José Luis Zamorano, Hospital Ramón y Cajal, Universidad de Alcalá, Madrid, Spain, Hospital Central de la Defensa, Universidad de Alcalá, Madrid, Spain

24 - Clinical and Prognostic Significance of the Electrocardiographic Patterns of Acute Circumflex Coronary Artery Occlusion in 254 Consecutive Patients  
Miguel Vives-Borrás, Abdel-Hakim Moustafa, Jesus Alvarez-Garcia, Andreu Ferrero-Gregori, Joan García-Picart, Jordi Balcells-Iranzo, Antonio Serra, Alessandro Sionis, Juan Cinca, Hospital de la Santa Creu i Sant Pau, Barcelona, Spain, Universitat Autònoma de Barcelona, Barcelona, Spain

25 - Does Shortening Door-In to Door-Out Time Contribute to Reduce In-Hospital Death in Patients With ST-Elevated Myocardial Infarction?  
Masahide Nagano, Saiseikai Kumamoto Hospital, Kumamoto, Japan

26 - Management and Outcomes of ST-Elevation Myocardial Infarction in Renal Transplant Recipients Versus End-Stage Renal Disease Patients on Dialysis  
Tanush Gupta, Dhaval Kolte, Sahil Khera, Prakash Harikrishnan, Marjan Mujib, Wilbert Aronow, Diwakar Jain, Howard Cooper, William Frishman, Deepak Bhatt, Gregg Fonarow, Julio Panza, New York Medical College, Valhalla, NY, USA

27 - Utilization of a Simple History and EKG-Based Algorithm to Improve Diagnostic Accuracy of ST Elevations for Acute Epicardial Occlusion  
Jason Matos, Benjamin Bier, Ara Tachjian, Ankur Kalra, Fernando Contreras Valdes, Michael Gavin, Duane Pinto, Beth Israel Deaconess Medical Center, Boston, MA, USA

28 - Factors Associated With Delay in Door-to-Balloon Time in Japan: A Report From Contemporary Multicenter PCI Registry  
Nobuhiro Ikemura, Shun Kohsaka, Ikuko Ueda, Yuichiro Maekawa, Keiichi Fukuda, Keio University School of Medicine, Department of Cardiology, Tokyo, Japan

29 - Sex-Based Differences in Short Term Survival After Primary Percutaneous Coronary Intervention: The Role of System Delay  
Edina Cenko, Beatrice Ricci, Sasko Kedev, Zorana Vasiljevic, Bozidarka Knezevic, Mirza Dilic, Olivia Manfrini, Davor Miličić, Maria Dorobantu, Akos Koller, Lina Badimon, Raffaele Bugiardi, University of Bologna, Bologna, Italy

30 - 24-Hour Tele-Electrocardiography Helpline for Rural Doctors Is a Game Changer in Resource Poor Settings  
Vivek Chauhan, Prakash Chandar Negi, Raina Sujeet, Sunil Raina, Rajesh Guleri, Mukul Bhatnagar, Vikrant Kanwar, Kumar Sambhav Pandey, Dr. RPGMC Tanda, Kangra, India, Indian Council of Medical Research, New Delhi, India





31 - Improving the Diagnosis of Acute Myocardial Infarction by Deriving Epicardial Potentials From the Body Surface Potential Map Using Inverse Electrocardiography and an Individualized Torso Model

Michael Daly, Dewar Finlay, Daniel Guldenring, Raymond Bond, Aaron McCann, Peter Scott, Jennifer Adgey, Mark Harbinson, Royal Victoria Hospital, Belfast, United Kingdom, Queen's University, Belfast, United Kingdom

32 - Disparities in Revascularization for ST-Elevation Myocardial Infarction Persist for Patients With Severe Mental Illness

Joshua Schulman-Marcus, Parag Goyal, Rajesh Swaminathan, Harsimran Singh, Robert Minutello, Geoffrey Bergman, Shing-Chiu Wong, Dmitriy Feldman, Luke Kim, Weill Cornell Medical College, New York, NY, USA

33 - Impact of Shorter Door to Balloon Time on Left Ventricular Ejection Fraction in STEMI Patients Who Present Early to Hospital

Razvan Tudor Dadu, Mostafa El-Refai, Ana Davis, Jaromir Bobek, I-Hui Chiang, Mahboob Alam, Nasser Lakkis, Baylor College of Medicine, Houston, TX, USA

34 - Benchmarking in the Myocardial Infarction Registry Rheinland-Pfalz (MIR-RLP) Resulted in Increase in Pre-Hospital ECG-Recording and Reduction in Ischemic Time to Reperfusion in STEMI

Anselm K. Gitt, Jan Karcher, Steffen Schneider, Ralf Zahn, MIR-RLP-Study-Group, Institut f. Herzinfarktforschung Ludwigshafen, Ludwigshafen, Germany, Herzzentrum Ludwigshafen, Ludwigshafen, Germany

35 - An Alarming Trend: Change in Risk Profile of Patients With ST Elevation Myocardial Infarction Over the Last Two Decades

Amgad G. Mentias, Amr F. Barakat, Mohammad Q. Raza, Haris Riaz, Stephen Ellis, E. Murat Tuzcu, Samir Kapadia, Heart and Vascular Institute, Cleveland Clinic, Cleveland, OH, USA

37 - Culprit Versus Multi-Vessel Percutaneous Intervention in ST Elevation Myocardial Infarction Patients With Cardiogenic Shock: Meta-Analysis

Arun Kanmanthareddy, Scott Lilly, Venkata Alla, Michael White, Abilash Balmuri, Claire Hunter, Manu Kaushik, Dennis Esterbrooks, Aryan Mooss, Michael Del Core, Creighton University School of Medicine, Omaha, NE, USA

38 - Debating the Merits of Complete Versus Culprit-Only Revascularization in ST-Elevation Myocardial Infarction With Multi-Vessel Coronary Disease: An Updated Systematic Review and Meta-Analysis of Randomized Trials

Kevin R. Baine, Robert Welsh, Bora Toklu, Sripal Bangalore, Mazankowski Alberta Heart Institute, University of Alberta, Edmonton, Canada

### Arrhythmias and Clinical EP - Poster Contributions

#### Session #1266

#### Clinical Care of Patients With Implanted Devices

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

323 - Troponin Elevation During Pacemaker Implantation Is Dependent on Lead Position and Is Not Predictive of Acute Pacing Parameters at Implant

Abraham S. Salacata, Christopher Kaczmarzak, Brenda Rosenberg, Amanda Thompson, Cathy Spade, Endeavor Medical Research, Alpena, MI, USA

324 - Implantable Defibrillator Management Near the End of Life: Do Patients Know Enough to Decide?

Silvia del Castillo, Miguel Angel Arias, Roger Villuendas, Marta Pachon, Alberto Puchol, Damia Pereferrer, Alejandro Curcio, Hospital Universitario de Fuenlabrada, Madrid, Spain

325 - Chronotropic Incompetence in ICD Recipients: Implications for Device Selection

Jagdish Kandala, Clint Oommen, Naktal Hamoud, Peter Ott, Sarver Heart Center, University of Arizona, Tucson, AZ, USA

326 - Soluble ST2 Is Affected by Pulmonary Hypertension Severity in Patients Undergoing Cardiac Resynchronization Therapy

Jigar Contractor, Roderick Deano, Jackie Szymonifka, Qing Zhou, Jonathan Beaudoin, James Januzzi, Jagmeet Singh, Quynh Truong, New York-Presbyterian Hospital and Weill Cornell Medical College, New York, NY, USA

327 - Characteristics and Clinical Outcomes of Patients Undergoing Subcutaneous Versus Transvenous Single Chamber ICD Placement

Ali Mithani, Heaton Kath, Eben Eno, Karim Nathan, Julie Field, Krystal Hunter, Matthew Ortman, John Andriulli, Andrea Russo, Cooper University Hospital, Camden, NJ, USA

328 - Ghosts After Lead Removal: Etiology and Prognostic Impact. A Report of an Intracardiac and Transesophageal Echocardiographic Study

Carlo Caiati, Giovanni Luzzi, Mario Erminio Lepera, Daniela Santoro, Paolo Pollice, Isabella Lacitignola, Zefferino Palamà, Tommaso Acquaviva, Mario Catalano, Stefano Favale, University of Bari, Bari, Italy

329 - In-Hospital Mortality Among Patients Receiving an Implantable Cardioverter-Defibrillator in the United States: 2000 to 2012

Ra'Ad Tashman, Ra'Ad Tashman, Elena Dolmatova, Kasra Moazzami, Monali Patel, Victor Mazza, Marc Klapholz, Alfonso Waller, Rutgers University-NJMS, Newark, NJ, USA

330 - Timely Deactivation of Implantable Cardioverter Defibrillator-Therapy: Work in Progress

Dilek Yilmaz, Aafke Van Der Heijden, Joep Thijssen, Martin Schalijs, Lieselot van Erven, Leiden University Medical Center, Leiden, The Netherlands

331 - Outcomes Following Lead Extraction According to Indication: Infection Versus Non-Infection

Eric Black-Maier, Sean Pokorney, Alexander Christian, Robert K. Lewis, Ruth Ann Greenfield, Donald Hegland, James Daubert, Jonathan Piccini, Duke University Medical Center, Durham, NC, USA

332 - Predictors and Rates of Mortality in Implantable Cardioverter Defibrillator Recipients in the Central Midwest

Indrajit Choudhuri, Randy S. Turkel, Maharaj Singh, Robyn L. Shearer, Abdur R. Ahmad, Bilal Omery, Arshad Jahangir, M. Eyman Mortada, Jasbir Sra, Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

333 - Imaging the p.m./ICD Patient in the MRI Environment: Safety Assumed, Lessons Learned

Huma Samar, June Yamrozik, Mark Doyle, Ronald Williams, Geetha Rayarao, Diane V. Thompson, Moneal Shah, Victor Farah, Christopher Bonnet, Robert Biederman, Allegheny General Hospital, Pittsburgh, PA, USA

334 - Premature Battery Depletion in St. Jude Fortify®, Unify®, and Current® Cardiac Implanted Electronic Devices

Travis Dennis Richardson, Babar Parvez, Sharon Shen, Christopher Ellis, Jeffrey Rottman, Vanderbilt Heart and Vascular Institute, Nashville, TN, USA, Nashville VA Medical Center, Nashville, TN, USA



### Arrhythmias and Clinical EP - Poster Contributions

#### Session #1267

#### Updates on Rhythm Diagnostics

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

335 - Acute Postprocedural Radiofrequency Lesion Assessment With Magnetic Resonance Imaging After Ablation of Arrhythmias Arising From the Left Ventricular Summit: Characterization of Transmural Penetration  
Roderick Tung, Daniel Brunengraber, John Moriarty, Kalyanam Shivkumar, UCLA, Los Angeles, CA, USA

336 - Torsades de Pointes With Pseudo-T Wave Alternans During Rociletinib Therapy: Novel Manifestation of a Rare Side Effect  
Alexandra Teng, Michael Share, Jeffrey Hsu, Edward Garon, Jonathan Goldman, Eric H. Yang, Roderick Tung, UCLA Medical Center, Los Angeles, CA, USA

337 - Limited Predictive Value of Noninducibility During Scar-Related VT Ablation in Both Ischemic and Nonischemic Cardiomyopathy Patients  
Duc H. Do, Ricky Yu, Noel Boyle, Kalyanam Shivkumar, Roderick Tung, UCLA Cardiac Arrhythmia Center, David Geffen School of Medicine, University of California Los Angeles, Los Angeles, CA, USA

338 - Sleep Apnea Risk and Lethal Ventricular Arrhythmias in Congestive Heart Failure Patients With Implantable Cardioverter Defibrillators  
Nchang Taka, Demilade Adedinsawo, Sivakumar Kalaivani, Punita Kaveti, Maihemuti Axiyan, Pradyumna Agasthi, Kyra Clark, Elizabeth Ofili, Rachel Harris, Morehouse School of Medicine, Atlanta, GA, USA

339 - Non-Invasive Markers of Dispersion of Repolarization, Ventricular Arrhythmias and ICD Therapies in Post-Myocardial Infarction Patients With Relatively Preserved Left Ventricular Ejection Fraction  
Bich Lien Nguyen, Sara Iuliano, Alessandro Persi, Fabrizio Ammirati, Antonio Ciccaglioni, Nicola Alessandri, Carlo Gaudio, Gianfranco Piccirillo, Sapienza University of Rome, Rome, Italy

340 - Substrate Differences With Voltage Mapping During Right Ventricular Pacing Versus Sinus Rhythm  
Suraj Kapa, Seth Sheldon, Amit Noheria, Samuel Asirvatham, Mayo Clinic College of Medicine, Rochester, MN, USA

341 - Efficacy of Catheter Ablation for Ventricular Arrhythmias: A Systematic Review  
Wael Alqarawi, H. Mia, PB Nery, MM sadek, CJ Redpath, DH Birnie, A. Szczotka, Girish Nair, University of Ottawa Heart Institute, Ottawa, Canada, King Saud University, Riyadh, Saudi Arabia

342 - The Heart Rate During Tilt Is Lower in Patients With Vasovagal Syncope and Positive Tilt Table Test When Compared to Patients With Vasovagal Syncope and Negative Tilt Table Test With No Significant Change the Baroreflex  
Ashish Chaddha, Kevin E. Wenzke, Stephen Wasmund, Richard Page, Mohamed Hamdan, University of Wisconsin- Madison, Madison, WI, USA

### Arrhythmias and Clinical EP - Poster Contributions

#### Session #1268

#### World Discussion of Anticoagulation for Atrial Fibrillation

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

343 - Compare Major Bleeding Risk and Associated Costs Among NVAF Patients With CHA2DS2-VASc Score  $\geq 3$  Newly Anticoagulated With Apixaban Versus Warfarin  
Steven Deitelzweig, Kiran Gupta, Augustina Ogbonnaya, Manan Shah, Eileen Farrelly, Tasneem Lokhandwala, Michael Eaddy, Bristol-Myers Squibb, Princeton, NJ, USA, Pfizer, New York, NY, USA

344 - Incidence and Outcomes of Patients With Atrial Fibrillation and Major Bleeding Complications: Findings From the TREAT-AF Study  
Daniel Kaiser, Randall Lee, Jun Fan, Susan Schmitt, Mintu Turakhia, Stanford University School of Medicine, Stanford, CA, USA, University of California San Francisco, San Francisco, CA, USA

345 - Aspirin With Non-Vitamin K Antagonists Versus With Vitamin K Antagonists for Atrial Fibrillation Patients With Indication for Antiplatelets: Evidence From a Meta-Analysis  
Ramez S. Nairouz, Ahmed Almomani, Partha Sardar, Karam Ayoub, Waddah Maskoun, University of Arkansas for Medical Sciences, Little Rock, AR, USA

346 - External Validation of the Biomarker-Based ABC-Stroke Risk Score for Atrial Fibrillation  
Jonas Oldgren, Ziad Hijazi, Johan Lindback, John Alexander, Stuart Connolly, John Eikelboom, Michael Ezekowitz, Christopher Granger, Elaine Hylek, Renato Lopes, Agneta Siegbahn, Salim Yusuf, Lars Wallentin, Department of Medical Sciences, Cardiology, and Uppsala Clinical Research Center, Uppsala University, Uppsala, Sweden

347 - Dabigatran in Atrial Fibrillation: Dose Titration Using Thrombin Time  
Richard F. Wright, Pacific Heart Institute, Santa Monica, CA, USA, Providence Saint Johns Health Center, Santa Monica, CA, USA

348 - CHADS-VASC Score and the Risk of New Onset Atrial Fibrillation Among Middle Age Adults  
Anat Berkovitch, Avi Sabbag, Shlomo Segev, Shaye Kivity, Yechezkel Sidi, Ilan Goldenberg, Elad Maor, Sheba Medical Center, Tel Hashomer, Israel

349 - Real World Comparison of Major Bleeding Risk Among Non-Valvular Atrial Fibrillation Patients Newly Initiated on Apixaban, Warfarin, Dabigatran or Rivaroxaban: A 1:1 Propensity-Score Matched Analysis  
Gregory Lip, Allison Keshishian, Shital Kamble, Xianying Pan, Leah Burns, Jack Mardekian, Cristina Masseria, Amanda Bruno, Hemant Phatak, Bristol-Myers Squibb Company, New York, NY, USA, Pfizer Inc, New York, NY, USA

350 - Time in Therapeutic Range (TTR): Analysis in a Large Observational Cohort Taking Warfarin for Chads2 Measured Risk in Non-Valvular Atrial Fibrillation Patients  
Orna Reges, Morton Leibowitz, Moshe Hoshen, Yoav Arnson, Ran Balicer, Moti Haim, Clalit Health Services, Tel Aviv, Israel



### 351 - Effects of Dabigatran Versus Warfarin in Relation to Left Ventricular Hypertrophy in Atrial Fibrillation

Paolo Verdecchia, Giuseppe Di Pasquale, Gianpaolo Reboldi, Fabio Angeli, Giovanni Mazzotta, Martina Brueckmann, Eva Kleine, Lars Wallentin, Michael Ezekowitz, Salim Yusuf, Stuart Connolly, Department of Medicine, Hospital of Assisi, Assisi, Italy

### 352 - Oral Anticoagulant Selection in Community Patients With New-Onset Atrial Fibrillation: Results From the ORBIT-AF II Registry

Benjamin Steinberg, Peter Shrader, Laine Thomas, Gregg Fonarow, Elaine Hylek, Jack Ansell, Peter Kowey, Bernard Gersh, Kenneth Mahaffey, Alan S. Go, Emily O'Brien, Daniel Singer, Eric Peterson, Jonathan Piccini, Duke University Medical Center, Durham, NC, USA, Duke Clinical Research Institute, Durham, NC, USA

### 353 - Low Use of Oral Anticoagulation in Patients With Atrial Fibrillation and Risk for Stroke in the United States

Sean Pokorney, Richard Platt, Lisa Ortendahl, Tiffany Woodworth, Noelle Cocoros, Cheryl Walraven, Jeffrey Brown, Vinit Nair, Emily O'Brien, Meena Rao, Lesley Curtis, Pamela Tenaerts, Hussein Al-Khalidi, Christopher Granger, Duke University Medical Center, Durham, NC, USA

### 354 - Comparison of Bleeding and Treatment Persistence Among New Users of Novel Oral Anticoagulants and Warfarin in Patients With Non-Valvular Atrial Fibrillation

Morten Lamberts, Louise Harboe, Cinira Lefevre, David Evans, Gunnar Gislason, Department of Cardiology, Gentofte University Hospital, Copenhagen, Denmark, Bristol-Meyers Squibb, Copenhagen, Denmark

### 355 - Association of Insurance Type With Receipt of Oral Anticoagulation in Atrial Fibrillation: An Analysis of the American College of Cardiology NCDR PINNACLE Registry

Celina M. Yong, Yuyin Liu, Lanyu Lei, Gheorghe Doros, Christopher Cannon, Tom Maddox, Anil Gehi, Salim Virani, Mintu Turakhia, ACC PINNACLE Investigators, Stanford University School of Medicine, Stanford, CA, USA, Harvard Clinical Research Institute, Boston, MA, USA

### 356 - Anticoagulation Control in Patients With Non-Valvular Atrial Fibrillation Treated With Vitamin K Antagonist Therapy for 12 Months or More in Primary Care in the UK

Essra Ridha, Robert Donaldson, Cinira Lefevre, Sreeram Ramagopalan, Steven Lister, Aaron Jenkins, David Evans, Ian Minns, Laure Lacoïn, Bristol-Myers Squibb Pharmaceuticals Ltd, Uxbridge, United Kingdom

### 357 - Outcomes of Single Versus Dual Antiplatelet Therapy With Target Specific Oral Anticoagulant Agents in Patients With Atrial Fibrillation Undergoing Coronary Artery Intervention

Saba Lahsaei, Ashul Govil, Jonathan Wong, Jamal Brewster, Anna Beyer, Richard Shaw, California Pacific Medical Center, San Francisco, CA, USA

### 358 - Impact of Renal Function on Ischemic Stroke and Major Bleeding Rates in Nonvalvular Atrial Fibrillation Patients Treated With Warfarin and Rivaroxaban

Winnie Nelson, François Laliberté, Kip Brown, Patrick Lefebvre, Jeffrey Schein, Janssen Scientific Affairs, LLC, Raritan, NJ, USA, Groupe d'analyse, Ltée, Montréal, Canada

### 359 - Stroke and Bleeding Risk in Patients With Atrial Fibrillation With Resumption of Oral Anticoagulation Following Traumatic Injury: A Danish Nationwide Cohort Study

Laila Staerk, Gunnar Gislason, Gregory Lip, Emil Fosbol, Caroline Sindet-Pedersen, Kasper Gadsbøll, Anders N. Bonde, Ellen Holm, Christian Torp-Pedersen, Jonas Olesen, Copenhagen University Hospital Herlev-Gentofte, Copenhagen, Denmark

### 360 - External Validation of the Biomarker-Based ABC-Bleeding Risk Score for Atrial Fibrillation

Ziad Hijazi, Jonas Oldgren, Johan Lindback, John Alexander, Stuart Connolly, John Eikelboom, Michael Ezekowitz, Christopher Granger, Elaine Hylek, Renato Lopes, Agneta Siegbahn, Salim Yusuf, Lars Wallentin, Department of Medical Sciences, Cardiology, and Uppsala Clinical Research Center, Uppsala University, Uppsala, Sweden

### 361 - What Do Real World Data Say About Safety and Resource Use of Oral Antagonists? Early Analysis of Newly Anticoagulated Non-Valvular Atrial Fibrillation Patients Using Either Apixaban, Dabigatran, Rivaroxaban or Warfarin

Xianying Pan, Shital Kamble, Leah Burns, Hugh Kawabata, Jack Mardekian, Cristina Masseria, Kiran Gupta, Hemant Phatak, Gregory YH Lip, Bristol Myers Squibb, Princeton, NJ, USA, Pfizer, New York, NY, USA

## Arrhythmias and Clinical EP - Poster Contributions

### Session #1269

#### Sudden Cardiac Death Prevention in Sports and Exercise

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

### 362 - A Novel Pre-Participation Screening Questionnaire for Young Competitive Athletes

James McKinney, Daniel Lithwick, Barbara Morrison, Hamed Nazzari, Michael Luong, Brett Heilbron, Jack Taunton, Saul Isserow, SportsCardiologyBC, University of British Columbia, Vancouver, Canada

### 363 - Automated Cardiac Arrest Detection and Alerting System Using a Smartphone and a Standard Bluetooth Chest Strap Heart Rate Monitor During Exercise: The "Parachute" App

Nicola Gaibazzi, Claudio Reverberi, Parma University Hospital, Parma, Italy, PARACHUTE App, Parma, Italy

### 364 - Positive Predictive Value of ECG Screening by Seattle Criteria in Collegiate Athletes

Sunny Intwala, Arif Jivan, Michael Milligan, Tory Lindley, Micah Eimer, Raja Mutharasan, Northwestern University, Chicago, IL, USA

## Congenital Heart Disease - Poster Contributions

### Session #1257

#### The Evolving Epidemiology of Adult Congenital Heart Disease

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

### 191 - Prevalence of Coronary Artery Disease, Associated Risk Factors and Implications on Healthcare Service Utilization in a Large Cohort of Adult Congenital Heart Disease Patients in Israel

Yonatan Buber, Michal Benderly, Israeli Working Group on Adults with Congenital Heart Disease, Sheba Medical Center, Ramat Gan, Israel

### 192 - Use of Capture-Recapture to Estimate Prevalence of Congenital Heart Defects Among Adolescents and Adults in Five Atlanta, Georgia Counties: 2008-2010



Wendy M. Book, Katherine John, Cheryl Raskind-Hood, Melissa Jill Glidewell, Tiffany Riehle-Colarusso, Carol Hogue, Emory University School of Medicine and Rollins School of Public Health, Atlanta, GA, USA, Centers for Disease Control and Prevention, National Center for Birth Defects and Developmental Dis, Atlanta, GA, USA

193 - Valve Degeneration Score and Risk of Aortic Dissection in Bicuspid Aortic Valve-Associated Aneurysms

Maan Malahfi, Harleen Sandhu, Anthony Estrera, Hazim Safi, Siddharth Prakash, University of Texas Health Sciences Center in Houston, Houston, TX, USA

194 - Outcome of Direct Current Cardioversion in Adults With Congenital Heart Disease

Alexander C. Egbe, Samuel Asirvatham, Christopher McLeod, Naser Ammash, Mayo Clinic, Rochester, MN, USA

### Congenital Heart Disease - Poster Contributions

#### Session #1258

#### Utilization, Outcomes, and Quality Improvement in Pediatric Cardiac Care

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

195 - Harmful Diagnostic Errors Occur Frequently in Pediatric Cardiac Intensive Care: A Multi-Site Survey

Priya N. Bhat, John Costello, Ranjit Aiyagari, Paul Sharek, Mjaye Mazwi, Stephen Roth, Andrew Shin, Stanford University School of Medicine, Palo Alto, CA, USA

196 - Moving Toward a National Consensus on Pediatric Heart Failure Quality Measures: The ACC Quality Metrics Working Group Initiative

Christopher S. D. Almond, Angela Lorts, Kevin Daly, Esther Liu, David Rosenthal, Anica Bulic, Michelle Gurvitz, Andrew Shin, Joseph Rossano, Jack Price, Stanford University, Palo Alto, CA, USA

197 - What Drives Follow-Up of Pediatric Bicuspid Aortic Valve: Provider Preference or Disease Characteristics?

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

198 - Development of a Clinical Practice Pathway for the Management of Acute Catheter-Related Venous Thromboembolism in Pediatric Cardiology Patients: Year One Evaluation

Whitney Petrosa, Leslie Raffini, Marilyn S. Blumenstein, Janine Pappas, Kelly Veneziale, Karen Murphy, Sichao Li, Therese Giglia, The Children's Hospital of Philadelphia, Philadelphia, PA, USA

199 - Quality of Life Is Diminished in Patients With Tetralogy of Fallot With Mild Residual Disease: A Comparison of Tetralogy of Fallot and Isolated Valvar Pulmonary Stenosis

Shivani M. Bhatt, Amy Cassidy, Bradley Marino, Elizabeth Goldmuntz, Laura Mercer-Rosa, The Children's Hospital of Philadelphia, Philadelphia, PA, USA

200 - Cardiac Findings in Fetuses With Cerebral Arteriovenous Malformations Are Associated With Outcome

Max E. Godfrey, Wayne Tworetzky, Donna Morash, Kevin Friedman, Boston Children's Hospital, Boston, MA, USA

201 - Influence of Patient Factors on Utilization of Initial Outpatient Pediatric Echocardiography

Kenan W.D. Stern, Talin Gulesserian, Sean Lang, Christopher Statile, Erik Michelfelder, Ericka McLaughlin, Tuan Nguyen, Leo Lopez, George Verghese, Daphne Hsu, Jaeun Choi, Ritu Sachdeva, Children's Hospital at Montefiore, Bronx, NY, USA

202 - Educational Intervention for Improving the Appropriateness of Transthoracic Echocardiograms Ordered by Pediatric Cardiologists

Ritu Sachdeva, Michael S. Kelleman, Joseph Allen, Oscar Benavidez, Robert Campbell, Pamela Douglas, Benjamin Eidem, Lara Gold, Leo Lopez, Courtney McCracken, Kenan Stern, Rory Weiner, Elizabeth Welch, Wyman Lai, Emory University School of Medicine, Atlanta, GA, USA

203 - Predictors of Longitudinal Population Costs in Infants Born With Critical Congenital Heart Disease

Nelangi Marie Pinto, Richard Nelson, Lorenzo Botto, L. LuAnn Minich, Sergey Krikov, Norman Waitzman, University of Utah, Salt Lake City, UT, USA

204 - Non-Invasive Ventricular Arrhythmia Risk Stratification in Patients With Tetralogy of Fallot

Daniel Cortez, Duy Nguyen, University of Colorado, Aurora, CO, USA

205 - In Hospital Vital Status After Interventions for Congenital Heart Diseases: Completeness of Case Ascertainment Using the National Death Index

Lazaros Kochilas, Jeremiah Menk, Jeffrey Vinocur, James D. St Louis, Brian Harvey, James Moller, Logan Spector, Emory University, Atlanta, GA, USA, University of Minnesota, Minneapolis, MN, USA

206 - Adolescents With Congenital Heart Disease: A High Risk Group

Aparna Kulkarni, Patricia Zybert, Shelby Kutty, Richard Neugebauer, Brett Anderson, Albert Einstein College of Medicine, Bronx, NY, USA, Columbia University, New York, NY, USA

### Heart Failure and Cardiomyopathies - Poster Contributions

#### Session #1250

#### Beyond the Usual Suspects: The Atypical Cardiomyopathies

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

47 - Prognostic Value of Technetium Pyrophosphate Uptake Intensity by Nuclear Scintigraphy in Transthyretin Amyloidosis

Michael Neshan Vranian, Brett Sperry, Asad Ikram, Rory Hachamovitch, Mazen Hanna, Wael Jaber, Cleveland Clinic Foundation, Cleveland, OH, USA

48 - Electrical Prediction of Sustained Ventricular Arrhythmias in Pediatric Patients With Hypertrophic Cardiomyopathy

Nandita Sharma, Daniel Cortez, Milton S. Hershey Medical Center, Hershey, PA, USA, University of Colorado, Aurora, CO, USA

49 - The Utility of T-Wave Amplitude in Lead aVR on the Clinical Diagnosis of Cardiac Involvement in Patients With Sarcoidosis

Yoshihiro Tanaka, Tetsuo Konno, Shohei Yoshida, Toyonobu Tsuda, Kenshi Hayashi, Hiroshi Furusho, Masayuki Takamura, Masa-Aki Kawashiri, Masakazu Yamagishi, Kanazawa University Graduate School of Medicine, Division of Cardiovascular Medicine, Kanazawa, Japan





50 - Myocardial Edema Assessed With T2-Weighted CMR Imaging and Sudden Cardiac Death Risk in Patients With Hypertrophic Cardiomyopathy  
Frank Gommans, Etienne Cramer, Jeannette Bakker, Michelle Michels, Hendrik-Jan Dieker, Michael Fouraux, Carlo Marcelis, Janneke Timmermans, Freek Verheugt, Marc Brouwer, Marcel Kofflard, Radboud University Medical Center, Nijmegen, The Netherlands

51 - The Myocardial Contraction Fraction (MCF) Is Associated With NYHA Class as Well as Delayed Enhancement by Cardiac MRI in Hypertrophic Cardiomyopathy and Predicts Sudden Cardiac Death  
Mathew S. Maurer, Jonathan Ginns, Barry Maron, Iacopo Olivetto, John Lesser, Christiane Gruner, Andrew Crean, Harry Rakowski, Ethan Rowin, Massimo Lombardi, Paolo Spirito, Elena Biagini, Camillo Autore, Warren Manning, Benedetta Tomberli, Martin Maron, Raymond Chan, Columbia University, New York, NY, USA

52 - The Cardiac Biomarkers in Children With Cardiomyopathy Multicenter Study: Preliminary Results for Pediatric Hypertrophic Cardiomyopathy  
Steven Lipshultz, James Wilkinson, Ling Shi, Jeffrey Towbin, Charles Canter, Daphne Hsu, Steven Webber, Paul Kantor, Melanie Everitt, Elfriede Pahl, John Jefferies, Joseph Rossano, Linda Addonizio, Debra Dodd, Stephanie Ware, Kimberly Molina, Steven Colan, Wayne State University School of Medicine, Detroit, MI, USA

53 - Osteopontin and Brain Derived Neurotrophic Factor: Biomarkers of Cardiovascular Disease in Duchenne Muscular Dystrophy  
Jonathan Soslow, Cristi L. Galindo, Holly Smith, Bruce M. Damon, Joe N. Kornegay, W. Bryan Burnette, Douglas Sawyer, Larry Markham, Vanderbilt University Medical Center, Nashville, TN, USA

54 - Predictors of In-Hospital Mortality in Patients With Takotsubo Cardiomyopathy: Insights of the Healthcare Cost and Utilization Project's National Inpatient Sample  
Luis Gruberg, Fabio Lima, Yun M. Yen, Javed Butler, Stony Brook University, Stony Brook, NY, USA

55 - Cardiovascular Mortality and Myocardial Infarction After Radiation Therapy for Left Versus Right Sided Breast Cancer: A Meta-Analysis  
Marcio Sommer Bittencourt, Milan Vecsey-Nagy, Marilia Santos, Carolina Silva, Silvia M. Fonseca, Cristina S. Bittar, Paulo G. Hoff, Roberto Kalil-Filho, Ludhmila A. Hajjar, Sao Paulo Cancer Institute, Sao Paulo, Brazil, University Hospital - University of Sao Paulo, Sao Paulo, Brazil

56 - Long-Term Effects of Epirubicin on Incidence of Heart Failure in Women With Breast Cancer: Data From a Randomized Clinical Trial  
Ann Bøcher Secher Banke, Emil Fosbol, Jacob Møller, Gunnar Gislason, Mads Andersen, Mogens Bernsdorf, Maj-Britt Jensen, Morten Schou, Bent Ejlersen, Department of Cardiology, Odense University Hospital, Odense, Denmark, Danish Breast Cancer Cooperative Group, Rigshospitalet, Copenhagen, Denmark

57 - Association Between Mediastinal Radiotherapy and Long-Term Heart Failure: A Systematic Review and Meta-Analysis  
Mark T. Nolan, Thomas Marwick, David Russell, Menzies Institute for Medical Research, Hobart, Australia, Royal Hobart Hospital, Hobart, Australia

58 - Revisiting Prognostic Impact of Atrial Fibrillation in Hypertrophic Cardiomyopathy  
Jose Carlos Corona Guerrero, Elena Jimenez-Baena, Angel Martinez-Martinez, Juan Valle-Racero, Lopez-Pardo Francisco, Jose Lopez-Haldon, Jose Urbano-Moral, Virgen del Rocío University Hospital, Seville, Spain

59 - First Experience With Percutaneous Mitral Valve Plication as Primary Therapy for Symptomatic Obstructive Hypertrophic Cardiomyopathy  
Paul Sorajja, Wesley Pedersen, Richard Bae, John Lesser, Desmond Jay, Kevin Harris, Barry Maron, Minneapolis Heart Institute, Minneapolis, MN, USA

60 - Myocardial Scar Burden Increases With Age and Is Associated With Decline in Left Ventricular Systolic Function in Young Patients With Becker Muscular Dystrophy  
Jacob Mathew, Ryan Moore, David Spar, Chet Villa, Jean Bange, Hemant Sawnani, Michael Taylor, Brenda Wong, John Jefferies, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA

61 - Racial Differences and the Risk of In-Hospital Mortality in Takotsubo Cardiomyopathy: Analysis From the National Inpatient Sample 2012 Database  
Akram Elgendy, Robert Hamburger, Islam Elgendy, Ahmed Mahmoud, University of Florida, Gainesville, FL, USA

62 - Atrial Fibrillation Is Associated With Low Cardiovascular Mortality in Hypertrophic Cardiomyopathy  
Angie Lobo, Susan Casey, Barry Maron, Minneapolis Heart Institute Foundation, Minneapolis, MN, USA

63 - Evaluation of Myocardial Glucose Metabolism in Hypertrophic Cardiomyopathy by 18F-Fluorodeoxyglucose Positron Emission Tomography: Impact of Alcohol Septal Ablation Therapy  
Rie Aoyama, Hitoshi Takano, Yasuhiro Kobayashi, Mitsunobu Kitamura, Kuniya Asai, Shin-Ichirou Kumita, Wataru Shimizu, Nippon Medical School, Tokyo, Japan

64 - Left Atrial Structure and Function in AL Versus TTR-Related Cardiac Amyloidosis  
Kotaro Nochioka, Candida Cristina Quarta, Brian Claggett, Gabriela Querejeta Roca, Claudio Rapezzi, Rodney Falk, Scott Solomon, Brigham and Women's Hospital, Boston, MA, USA

65 - Perforin-Positive Cardiac Cell Infiltration and Male Gender Predict Adverse Long-Term Mortality in Inflammatory Cardiomyopathy  
Felicitas Escher, Uwe Kuehl, Dirk Lassner, Burkert Pieske, Wolfgang Poller, Carsten Tschoepe, Heinz-Peter Schultheiss, Charite-Universitätsmedizin Berlin, Berlin, Germany

66 - Septal Myectomy Improves Symptoms More Than Alcohol Septal Ablation in Patients With Hypertrophic Obstructive Cardiomyopathy  
Jason Bensch, Marissa Huebner, Jessica Minnier, Matthew Slater, Joaquin Cigarroa, Stephen Heitner, Oregon Health & Science University, Portland, OR, USA

67 - Clinical Characteristics and Coronary Blood Flow Patterns in Apical Versus Mid-Ventricular Ballooning in 100 Patients With Takotsubo Cardiomyopathy  
Rakan Dodin, Victoria Pink, Ross Garberich, Scott Sharkey, Minneapolis Heart Institute Foundation, Minneapolis, MN, USA

68 - Predictors of Development of Left Ventricular Systolic Dysfunction in Patients Receiving Anthracyclines  
Nirmanmoh Bhatia, Javid Moslehi, Quinn Wells, Vanderbilt University, Nashville, TN, USA



**70 - Overlap of Cardiomyopathy With Hypertrabeculation and Left-Ventricular Non-Compaction Cardiomyopathy: Two Distinct Entities**

Luai Tabaza, Ala Mohsen, Musab Alqasrawi, Steven Mickelsen, Medical College of Wisconsin, Milwaukee, WI, USA, University of Iowa, Iowa City, IA, USA

**71 - The Predictive Value of <sup>201</sup>Tl-<sup>123</sup>I-BMIPP Scintigraphy in the Recovery of Left Ventricular Systolic Dysfunction in Takotsubo Syndrome**

Takayuki Warisawa, Nobuo Tomizawa, Toru Naganuma, Yusuke Fujino, Hisaaki Ishiguro, Satoko Tahara, Naoyuki Kurita, Nakamura Shotaro, Takeshi Nojo, Sunao Nakamura, New Tokyo Hospital, Matsudo, Chiba, Japan

**72 - Protective Effect of Beta-Blockers on Chemotherapy Induced Cardiomyopathy: A Meta-Analysis of Prospective Studies**

Carlos R. Manrique, Pedro Villablanca Spinetto, Nidhish Tiwari, Jorge Romero, Ulrich Jorde, Mario Garcia, Montefiore Medical Center, Bronx, NY, USA

**85 - Effect of Candesartan and Metoprolol on Subclinical Myocardial Injury During Anthracycline Therapy: Data From the Prevention of Cardiac Dysfunction During Adjuvant Breast Cancer Therapy (PRADA) Study**

Geeta Gulati, Siri Lagethon Heck, Jurgen Geisler, Morten W. Fagerland, Pavel Hoffmann, Berit Gravdehaug, Kjetil Steine, Anne H. Ree, Helge Rosjo, Torbjorn Omland, Akershus University Hospital, Lorenskog, Norway, University of Oslo, Oslo, Norway

**86 - Myocardial Bridging Is Associated With Worse In-Hospital Outcome in Patients With Takotsubo Cardiomyopathy**

Ken Kato, Yuichi Saito, Yoshiaki Sakai, Iwao Ishibashi, Toshiharu Himi, Yoshihide Fujimoto, Yoshio Kobayashi, Chiba University Graduate School of Medicine, Chiba, Japan

**87 - A Study of Trends and In-Hospital Management and Outcomes in Acute Myocarditis: Results From the National Inpatient Sample (NIS) Database**

Zubair Shah, Reza Masoomi, Matthew Lippmann, Buddhadeb Dawn, Kamal Gupta, University of Kansas Medical Center, Kansas City, KS, USA

**88 - Galectin-3 Levels and Outcomes in Peripartum Cardiomyopathy: Results From the Multicenter IPAC Investigation**

Kate Elizabeth Groh, Rami Alharethi, Gregory Ewald, Michael Givertz, G. Michael Felker, Jessica Pisarcik, Karen Hanley-Yanez, Indrani Halder, Charles McTiernan, Dennis McNamara, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

**89 - Ecg Abnormalities Compared to Extent of Myocardial Fibrosis in Boys With Duchenne Muscular Dystrophy**

Kan N. Hor, Sharath Subramanian, Tyler Moran, Kathleen Lao, Bipul Gnyawali, Linda Cripe, Karolina Zareba, Subha Raman, Nationwide Children's Hospital, Columbus, OH, USA, The Ohio State University, Columbus, OH, USA

**90 - Transthyretin Cardiac Amyloidosis Is Prevalent Among Men With Severe Aortic Stenosis Undergoing Transcatheter Aortic Valve Replacement**

Adam Castano, David Narotsky, Susheel Kodali, Tamim Nazif, Isaac George, Torsten Vahl, Nadira Hamid, Rebecca Hahn, Rachelle Morgenstern, Sabahat Bokhari, Mathew Maurer, Columbia University Medical Center, New York, NY, USA

**91 - Cardiac Involvement in Eosinophilic Granulomatosis With Polyangitis**

Mina Nakayama, Yukiko Morita, Megumi Yamamuro, Naoki Nakayama, Yuichi Okajima, Shinnosuke Kikuchi, Toru Dejima, Yoriko Horiguchi, Masahiko Kanna, Kazuo Kimura, Satoshi Umemura, National Hospital Organization

Sagamihara National Hospital, Sagamihara, Japan, Graduated School of Medical Sciences, Kumamoto University, Kumamoto, Japan

**92 - Late Gadolinium Enhancement and Extracellular Volume as Markers of Arrhythmia Risk in Hypertrophic Cardiomyopathy**

Jonathan Levine, Gillian Murtagh, Jeremy Collins, James Carr, Lubna Choudhury, Northwestern University Feinberg School of Medicine, Chicago, IL, USA

**93 - Capecitabine Related Cardiotoxicity: A Meta-Analysis of Randomized Controlled Trials**

Samah Alkharji, Thao Huynh, McGill University, Montreal, Canada

**94 - CCR5del32 Genotype as a Predictive Marker for Human Enteroviral Cardiomyopathy**

Dirk Lassner, Christine S. Siegismund, Uwe Kuehl, Felicitas Escher, Carsten Tschoepe, Heinz-Peter Schultheiss, Institute Cardiac Diagnostics and Therapy, Berlin, Germany, Charite University Hospital, Berlin, Germany

**95 - Soluble IL2 Receptor and Survival in Recent Onset Cardiomyopathy: Results of IMAC2**

Dennis M. McNamara, Leslie Cooper, Richard Sheppard, Jeffrey Alexis, Daniel Pauly, Karen Hanley-Yanez, Indrani Halder, Charles McTiernan, for the IMAC2 Investigators, University of Pittsburgh, Pittsburgh, PA, USA

**96 - Utility of Pre-Procedural Imaging in Predicting Diagnostic Yield of Voltage Guided Biopsies**

Suraj Kapa, Peter Noseworthy, Samuel Asirvatham, Mayo Clinic College of Medicine, Rochester, MN, USA

**97 - Contemporary Diabetic Cardiomyopathy Is Characterized by Concentric Remodeling and Diastolic Dysfunction - Not Left Ventricular Hypertrophy or Systolic Dysfunction**

Peter Godsk Jørgensen, Magnus Jensen, Rasmus Mogelvang, Thomas Hansen, Søren Galatius, Tor Biering-Sørensen, Heidi Storgaard, Tina Vilsbøll, Peter Rossing, Jan Jensen, Department of Cardiology, Herlev and Gentofte Hospital, Hellerup, Denmark

**98 - Risk Stratification in Wild-Type Transthyretin Amyloidosis**

Arnt V. Kristen, Ralf Bauer, Fabian aus dem Siepen, Selina Hein, Matthias Aurich, Johannes Riffel, Hugo A. Katus, Sebastian Buss, Department of Cardiology, Heidelberg, Germany

### Heart Failure and Cardiomyopathies - Poster Contributions

#### Session #1251

#### Heart Failure and Cardiomyopathies: Medical Therapy/Clinical Trials

**Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.**

**Poster Area, South Hall A1**

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

**73 - Renal Tubular Resistance, Rather Than Diuretic Delivery, Is the Primary Driver for Diuretic Resistance in Acute Heart Failure Patients**

Jozine M. ter Maaten, Veena Rao, Jennifer Simon, Mahlet Assefa, Sam Broughton, Karen Modesto, Kevin Damman, Adriaan Voors, Wai Hong Tang, Jeffrey Testani, Program of Applied Translational Research Yale University, New Haven, CT, USA, University Medical Center Groningen, Groningen, The Netherlands



74 - Impact of Enhanced External Counterpulsation on Heart Failure Rehospitalization Among Patients With Ischemic Cardiomyopathy  
Kristen Tecson, Marc Silver, Sonja Brune, Clay Cauthen, Michael D. Kwan, Jeffrey Schussler, Anupama Vasudaven, James A. Watts, Peter A. McCullough, Baylor Heart and Vascular Institute, Dallas, TX, USA

75 - Two-Thirds of Heart Failure Patients Who Meet the FDA-Approved Indication for Sacubitril/Valsartan Do Not Meet PARADIGM-HF Enrollment Criteria After Recent Hospitalization  
Antonio Perez, Verapras Kittipibul, Wai Hong Tang, Randall Starling, Cleveland Clinic, Cleveland, OH, USA

76 - Risk of Heart Failure and Adverse Cardiovascular Outcomes With Dipeptidyl Peptidase-4 Inhibitors in Type 2 Diabetic Patients: A Meta-Analysis of Randomized Controlled Trials  
Amartya Kundu, Partha Sardar, Sreeparna Ghosh, Saurav Chatterjee, Theo Meyer, University of Massachusetts Medical School, Worcester, MA, USA

77 - Initiation of Loop Diuretics Has No Association With 30-Day All-Cause or Heart Failure Readmissions or All-Cause Mortality in Older Medicare Beneficiaries Hospitalized for Heart Failure  
Taimoor Hashim, Charity Morgan, Sijian Zhang, Sumanth Prabhu, Prakash Deedwania, Ross Fletcher, Gregg Fonarow, Javed Butler, Wilbert Aronow, Wen-Chih H. Wu, Chris Adamopoulos, Ioannis Kanonidis, Stefan D. Anker, Richard M. Allman, Ali Ahmed, University of Alabama at Birmingham, Birmingham, AL, USA

78 - Mortality Following Initiation or Discontinuation of Guideline Directed Medical Therapies in Hospitalized Heart Failure Patients in the Atherosclerosis Risk in Communities Study  
Richard Tran, Ahmed Aldemerdash, Patricia Chang, Carla Sueta, Brystana Kaufman, Josephine Asafu-Adjei, Orly Vardeny, Eliza Daubert, Anna Kucharska-Newton, Sally Stearns, Jo Rodgers, UNC Eshelman School of Pharmacy, Chapel Hill, NC, USA, UNC Gillings School of Public Health, Chapel Hill, NC, USA

79 - Vasopeptidase Inhibition Improves Survival in Patients With Heart Failure: Meta-Analysis of Randomized Controlled Trials  
Bhavi Pandya, Achint Patel, Shreya Pandya, Armaghan Soomro, Jonathan Spagnola, Sainath Gaddam, Ruben Kandov, James Lafferty, Staten Island University Hospital, Staten Island, NY, USA

80 - Multiple Intravenous Infusions of Vepoloxamer (Purified Plooxamer - 188) Elicit Progressive Improvements in Plasma Biomarkers in Dogs With Advanced Heart Failure  
Hani N. Sabbah, Ramesh C. Gupta, Vinita Sing-Gupta, Kefei Zhang, Marty Emanuele, Henry Ford Hospital, Detroit, MI, USA, Mast Therapeutics, Inc., San Diego, CA, USA

81 - Meta-Analysis and Meta-Regression of the Effect of Phosphodiesterase Type 5 Inhibition in Heart Failure: More Benefit for Higher Pulmonary Pressures?  
In-Chang Hwang, Yong-Jin Kim, Jun-Bean Park, Yeonyee Yoon, Seung-Pyo Lee, Hyung-Kwan Kim, Goo Yeong Cho, Dae Won Sohn, Seoul National University Hospital, Seoul, South Korea, Seoul National University College of Medicine, Seoul, South Korea

82 - Mind the Gap: Palliative Care Knowledge Among Cardiovascular Clinicians  
Craig Alpert, Ellen Hummel, Scott Hummel, Kimberlee Gauvreau, Kelli Bohannon, Stephanie Cooper, Sarah Goodlin, Richard Josephson, Kelly Ann

Light-McGroary, Keith Swetz, Paul Hauptman, Abby Cestoni, Mathew Maurer, Jorge Brenes Salazar, Caroline Doherty, Elizabeth Blume, James Kirkpatrick, American College of Cardiology, Washington, DC, USA, University of Pennsylvania, Philadelphia, PA, USA

83 - Influence of Clinical Trial Site Enrollment on Patient Characteristics, Protocol Completion, and Endpoints: Insights From the ASCEND-HF Trial  
Stephen Greene, Adrian Hernandez, Jie-Lena Sun, Marco Metra, Javed Butler, Andrew Ambrosy, Justin Ezekowitz, Randall Starling, John Teerlink, Adriaan Voors, Paul Armstrong, Christopher O'Connor, Robert Mentz, Duke Clinical Research Institute, Durham, NC, USA, Duke University Medical Center, Durham, NC, USA

84 - Predictors of Cardiac Magnetic Resonance-Assessed Reverse Remodeling in Non-Ischemic Dilated Cardiomyopathy  
Giuseppe Vergaro, Lorenzo Nesti, Andrea Barison, Concetta Prontera, Silvia Masotti, Giovanni Donato Aquaro, Aldo Clerico, Roberta Poletti, Claudio Passino, Michele Emdin, Fondazione Toscana Gabriele Monasterio, Pisa, Italy

### Non Invasive Imaging - Poster Contributions

#### Session #1261

#### New Technologies in Echocardiography

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

221 - Maturational Changes and Reference Values for Tricuspid Annular Plane Systolic Excursion (TAPSE) From Birth to One-Year Corrected Age: Right Ventricular Systolic Function in Preterm Neonates  
Philip Levy, Meghna Patel, Aaron Hamvas, Gautam Singh, Washington University School of Medicine, Saint Louis, MO, USA, Goryeb Children's Hospital - MidAtlantic Neoantology Associates, Morristown, MO, USA

222 - Maturational Patterns of Ventricular Septal Deformation in Preterm and Term Infants in the First Month of Life  
Philip Levy, Eda Cristina Abuchaibe, Meghna Patel, Gautam Singh, Washington University School of Medicine, Saint Louis, MO, USA, Goryeb Children's Hospital - MidAtlantic Neoantology Associates, Morristown, NJ, USA

223 - Longitudinal Maturational Changes in Pulmonary Hemodynamics in Premature Infants Assessed by Pulmonary Artery Acceleration Time: Reference and Predictive Values  
Philip Levy, Meghna Patel, Aaron Hamvas, Gautam Singh, Washington University School of Medicine, Saint Louis, MO, USA, Goryeb Children's Hospital - MidAtlantic Neoantology Associates, Morristown, NJ, USA

224 - Shape of the Right Ventricular Outflow Tract Doppler Envelope Is a Sensitive Predictor of Altered Pulmonary Hemodynamics in Pediatric Patients  
Philip Levy, Georgeann Groh, Abeer Hamdy, Meghna Patel, Joshua Murphy, Gautam Singh, Washington University School of Medicine, Saint Louis, MO, USA, Goryeb Children's Hospital - MidAtlantic Neoantology Associates, Morristown, NJ, USA

225 - The Importance of the Leaflet-to-Annular Mismatch Index for Patients Undergoing Echo Guided Transapical Off-Pump Mitral Valve Repair With NeoChord Implantation  
Andrea Colli, Matteo Montagner, Danila Azzolina, Nicola Soriani, Laura Besola, Erica Manzan, Eleonora Bizzotto, Fabio Zucchetta, Roberto Bellu, Demetrio Pittarello, Gino Gerosa, University of Padua, Padua, Italy





226 - The Utility of Novel Three-Dimensional Speckle Tracking Echocardiography Parameters for Global Left Ventricular Dysfunction Assessment: The Coronary Artery Risk Development in Young Adults (CARDIA) Study

Chike C. Nwabuo, Henrique T. Moreira, Henrique D. Vasconcellos, Guilherme Yared, Bharath Ambale Venkatesh, Satoru Kishi, Cora Lewis, Anderson Armstrong, Stephen Sidney, Donald Lloyd-Jones, Pamela Schreiner, Samuel Gidding, Joao Lima, Johns Hopkins University, Baltimore, MD, USA

227 - Role of Left Ventricular Circumferential Strain in the Prediction of Clinical Outcome in Patients With End-Stage Phase of Hypertrophic Cardiomyopathy

Makoto Amaki, Hideaki Kanzaki, Seiji Takashio, Hiroyuki Takahama, Takahiro Ohara, Takuya Hasegawa, Yasuo Sugano, Satoshi Yasuda, Hisao Ogawa, Toshihisa Anzai, National Cerebral and Cardiovascular Center, Suita, Japan

229 - Time Related Changes in Right Ventricular Longitudinal Mechanics From the Fetus to the Young Infant

Collin Erickson, Mary Craft, Ling Li, Navya Joseph, David Danford, Shelby Kutty, Department of Pediatric Cardiology and Cardiovascular Surgery, University of Nebraska College of Med, Omaha, NE, USA

230 - Echocardiographic, Doppler and Myocardial Deformation Variables Distinguishing Hypertrophic Cardiomyopathy From Athletically Trained Hearts in Adolescents

Govinda Paudel, Muhammad Qureshi, Megan M. O'Byrne, Jonathan Johnson, Benjamin Eidem, Rebecca K. Lindquist, Chelsea Reece, Angela R. Miller, Patrick O'Leary, Mayo Clinic, Rochester, MN, USA

231 - Quantification of Shunt Volume Through Ventricular Septal Defects of Varied Area, Shape and Number Using Real-Time 3D Color Doppler Echocardiography: An In Vitro Study

David J. Sahn, Evan Tracy, Kim Dang, Joanne Tran, Meihua Zhu, Muhammad Ashraf, Oregon Health & Science University, Portland, OR, USA

232 - Deceleration Time of Early Diastolic Mitral Annular Velocity as a New Index for Noninvasive Assessment of Left Ventricular End-Diastolic Pressure  
Takeshi Hozumi, Kazushi Takemoto, Kumiko Hirata, Makoto Orii, Akio Kuroi, Takeyoshi Kameyama, Takashi Yamano, Yoshiki Matsuo, Yasushi Ino, Takashi Kubo, Atsushi Tanaka, Takashi Akasaka, Wakayama Medical University, Wakayama, Japan

233 - Association of the Intensity and Duration of Cigarette Smoking Exposure With Cardiac Structure and Function in Smokers: The Echocardiographic Study of Hispanic/Latinos (ECHO-SOL)

John Leigh, Robert Kaplan, Katrina Swett, Pelbretton Balfour, Mayank Kansal, Gregory Talavera, Krista Perreira, Michael Blaha, Emelia Benjamin, Rose Marie Robertson, Aruni Bhatnagar, Carlos Rodriguez, Wake Forest School of Medicine, Winston Salem, NC, USA

234 - Cardiac Myocardial Strain in Pediatric Patients After Bone Marrow Transplantation

Jacqueline Shuplock, Matthew Israel, Haydar Frangoul, David Parra, Jonathan Soslow, Monroe Carell Jr. Children's Hospital at Vanderbilt, Nashville, TN, USA

235 - Safety of Perflutren-Based Echocardiographic Contrast Agent Administration in the Presence of a Patent Foramen Ovale (PFO): A Multicenter Study

Valentin Suma, Farhan Bajwa, Suraj Sookhu, Jyothy J. Puthumana, Issam A. Mikati, Arif Jivan, Ajay Yadlapati, Lakshmi Muthukumar, Rena Toole, Edgar Argulian, Richa Nahar, Jasjit Bhinder, Aasha Gopal, Farooq A. Chaudhry, Hofstra North Shore-LIJ School of Medicine, Manhasset, NY, USA, Icahn School of Medicine at Mount Sinai, NY, NY, USA

236 - Simultaneous Carotid Ultrasonography Provides Incremental Prognostic Value Beyond Clinical and Stress Echocardiography Data in Patients With Suspected Angina Without Known Coronary Artery Disease: A Prospective Study

Roxy Senior, Benoy Shah, Kostas Zacharias, Christopher Kinsey, Grace Young, Shahram Ahmadvazir, Northwick Park Hospital, Harrow, London, United Kingdom, Royal Brompton Hospital, London, United Kingdom

263 - Atrial Conduit Phasic Function Soon After Electrical Cardioversion of Persistent Atrial Fibrillation as a Predictor of Early Atrial Fibrillation Recurrence

Anna Degiovanni, Federica De Vecchi, Eleonora Prenna, Enrico Boggio, Paolo Marino, Università del Piemonte Orientale, Novara, Italy

264 - Different Approaches to Left Atrial Volume Indexation and Risk of Cardiovascular Disease and Death in a Population With High Prevalence of Obesity: The Strong Heart Study

Maria G. Karas, Shuo Xu, Abdissa Negassa, Elisa Lee, Lyle Best, Dedra Buchwald, Barbara Howard, Mary Roman, Richard Devereux, Jorge Kizer, Weill Cornell Medical College, New York, NY, USA

265 - Left Atrial Strain Responds to Exercise and Predicts Exercise Capacity in Healthy Subjects: The Health eHeart Study

Randell C. Thomas, Qizhi Fang, Dwight Bibby, Rakesh Mishra, Nelson B. Schiller, University of California, San Francisco, San Francisco, CA, USA

266 - The Influence of Aging in Left Atrial Size and Function in the Elderly Population: The Aric Study

Alexandra Goncalves, Chung-Lieh Hung, Brian Claggett, Kotaro Nochioka, Susan Cheng, Suma Konety, Dalane Kitzman, Amil Shah, Scott Solomon, Brigham and Women's Hospital, Boston, MA, USA

267 - Three-Dimensional Echocardiographic Approach for Automated Quantification of Left Atrial Volume Using an Adaptive Analytics Algorithm: Initial Validation Study

Diego Medvedofsky, Wendy Tsang, Masaaki Takeuchi, Lynn Weinert, Megan Yamat, Amit Patel, Ivan Salgo, David Prater, Victor Mor-Avi, Roberto Lang, Department of Medicine, University of Chicago Medical Center, Chicago, IL, USA, Philips Medical Imaging, Andover, MA, USA

268 - Dynamic Right Ventricular Shape Analysis in the Normal Heart Using 3D Echocardiography-Derived Curvature Indices

K. Addetia, Francesco Maffessanti, Denisa Muraru, Amita Singh, Megan Yamat, Lynn Weinert, Victor Mor-Avi, Luigi Badano, Roberto Lang, University of Chicago, Chicago, IL, USA, University of Padua, Padua, Italy

269 - Echocardiographic Markers of Left Atrial Fibrosis Associated With the Severity of Atrial Fibrillation

Melissa Leung, Rachid Abou, Philippe Van Rosendael, Suzanne Van Wijngaarden, Madelien Regeer, Tomaz Podlesnikar, Nina Ajmone Marsan, Victoria Delgado, Jeroen Bax, Leiden University Medical Centre, Leiden, The Netherlands



270 - Incidence and Outcome of Pericardial Effusion in Pediatric Patients Undergoing Stem Cell Transplant

Melissa Diamond, Catalina Ruiz-Mesa, Fernando Corrales-Medina, Leonardo Tamariz, Satinder Sandhu, Edward Ziga, Sethuraman Swaminathan, Holtz Children's Hospital / University of Miami Miller School of Medicine, Miami, FL, USA, FL, USA

### Non Invasive Imaging - Poster Contributions

#### Session #1262

#### Nuclear Cardiology: Beyond Perfusion Imaging

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

237 - Intra-Individual Comparison of Left Ventricular Ejection Fraction and Volumes Derived From Solid State and Anger SPECT Imaging

Michael Trybula, Andrew Althouse, Joseph Dietz, Prem Soman, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

238 - Prognostic Usefulness of AdreView Scintigraphy in Identifying Heart Failure Patients at Lower Risk of Death During 5-Year Follow-Up in the ADMIRE-HF Study

Roxy Senior, Lars Friberg, Mark Travin, Franc Hudnut, Harish Chandna, Denis Agostini, Karthikeyan Ananth, Micahael Miyamoto, Mahesh Shah, Michael Koren, Juergen vom Dahl, Wayne Levy, On behalf of the ADMIRE-HF investigators' group, Northwick Park Hospital & Royal Brompton Hospital, Harrow, London, United Kingdom

239 - Non-Invasive Assessment of Atherosclerotic Carotid Plaques by 18F-Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography (18F-FDG PET/CT) Imaging and Microwave Radiometry (MWR): Validation With Histopathological Findings

Georgios Benetos, Konstantinos Toutouzas, Iosif Koutagiar, George Agogiannis, Aleksandros Georgakopoulos, Nikoleta Pianou, Pavlos Kafouris, Sofoklis Trachanellis, Nikolaos Patelis, Nikolaos Bessias, Konstantinos Filis, Chris Klonaris, Efstratios Patsouris, Elias Siores, George Spyrou, Constantina Aggeli, Eleftherios Tsimis, Dennis Cokkinos, Dimitris Tousoulis, Constantinos Anagnostopoulos, First Department of Cardiology, Athens School of Medicine, Athens, Greece, Academy of Athens, Biomedical Research Foundation, Athens, Greece

240 - Usefulness of ADMIRE-HF Risk Score for the Prediction of Sudden Cardiac Death in Patients With Chronic Heart Failure

Iyo Ikeda, Takahisa Yamada, Takashi Morita, Yoshio Furukawa, Shunsuke Tamaki, Yusuke Iwasaki, Masato Kawasaki, Atsushi Kikuchi, Takumi Kondo, Masashi Ishimi, Hideyuki Hakui, Tatsuhi Ozaki, Yoshihiro Sato, Masahiro Seo, Eiji Fukuhara, Masatake Fukunami, Osaka General Medical Center, Osaka, Japan

241 - The Clinical Utility of 18F-FDG Positron Emission

Tomography/Computed Tomography Scan Versus 99mTc-HMPAO White Blood Cell Single-Photon Emission Computerized Tomography in the Extra-Cardiac Work-Up of Patients With Duke Definite Infective Endocarditis  
Trine K. Lauridsen, Kasper Iversen, Nikolaj Ihlemann, Philip Hasbak, Annika Loft Jakobsen, Anne Kiil Berthelsen, Anders Dahl, Danijela Dejanovic, Elisabeth Albrecht-Beste, Jann Mortensen, Andreas Kjaer, Henning Bundgaard, Niels Eske Bruun, Department of Cardiology, The Heart Center, Copenhagen University Hospital, Copenhagen, Denmark, Department of Cardiology, Herlev-Gentofte University Hospital, Copenhagen, Denmark

242 - The Impact of Integration of Heart Rate Response to Regadenoson Stress to Enhance the Prognostic Value of SPECT Myocardial Perfusion Imaging in Patients With End-Stage Renal Disease

Ibtihaj Fughhi, Javier Gomez, Tania Campagnoli, Marwan Wassouf, Amjad Ali, Rami Doukky, Rush University Medical Center, Chicago, IL, USA, John H. Stroger, Jr. Hospital of Cook County, Chicago, IL, USA

243 - Feasibility and Value of Gated Blood Pool SPECT (GBPS) Assessment of RV Function in Patients Undergoing LVAD Implantation

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

244 - Non-Invasive Imaging to Identify Susceptibility for Ventricular Arrhythmias in Ischemic Cardiomyopathy

Mischa T. Rijnierse, Cornelis P. Allaart, Stefan de Haan, Hendrik Harms, Marc Huisman, Aernout Beek, Adriaan Lammertsma, Albert van Rossum, Paul Knaapen, VU University Medical Center, Amsterdam, The Netherlands

245 - Cardiac Sympathetic Innervation in Patients With Idiopathic Pulmonary Arterial Hypertension: Relation With Disease Severity and the Effects of Beta-Blocking Therapy

Mischa T. Rijnierse, Jasmijn S. van Campen, Karin de Boer, Hendrik Harms, Marc Huisman, Pieter Raijmakers, Frances S. de Man, Martijn Heymans, Adriaan Lammertsma, Paul Knaapen, Harm Bogaard, Anton Vonk-Noordegraaf, Cornelis P. Allaart, VU University Medical Center, Amsterdam, The Netherlands

246 - Single Photon Emission Computerized Tomography Imaging Can Quantify Regional Distribution of 99mTechnetium Pyrophosphate Uptake in Patients With Transthyretin Cardiac Amyloidosis

Ross Ehmke, Rachele Morgenstern, Adam Castano, Albert DeLuca, Ted Pozniakoff, Jeffrey Lin, Howard Julien, Zhezhen Jin, Andrew Einstein, Mathew Maurer, Sabahat Bokhari, Columbia University Medical Center, New York City, NY, USA

247 - The Myocardial Contraction Fraction Is Superior to the Voltage to Mass Ratio for Identifying TTR Cardiac Amyloid in Patients Undergoing TAVR

Adam Castano, David Narotsky, Susheel Kodali, Tamim Nazif, Isaac George, Torsten Vahl, Nadira Hamid, Rebecca Hahn, Rachele Morgenstern, Sabahat Bokhari, Mathew Maurer, Columbia University Medical Center, New York, NY, USA

248 - Normal Limits of Heart-to-Mediastinum Ratio (HMR) of I-123 MIBG Uptake Quantified From High-Sensitivity (HS) and High-Resolution (HR) SPECT/CT

Yi-Hwa Liu, Taraneh Hashemi Zonouz, Veronica Sandoval, Rachel Lampert, Albert Sinusas, Yale University, New Haven, CT, USA

249 - High Risk of Malignant Ventricular Arrhythmias in Cardiac Sarcoidosis Associated With Failure to Suppress Myocardial Inflammation Assessed by FDG-PET Scanning

Ashley Pender, Peter H. S. Sporn, Susan R. Russell, Rod Passman, Bradley Knight, Alexandru B. Chicos, Department of Medicine, Northwestern University Feinberg School of Medicine, Chicago, IL, USA

250 - Microvascular Angina in the Absence of Coronary Artery Disease Is Common in Undifferentiated Chest Pain Patients in the Emergency Department



Basmah Safdar, Gail D'Onofrio, James Dziura, Raymond Russell, Matthew Naftilan, Caitlin Johnson, Albert Sinusas, Yale School of Medicine, New Haven, CT, USA, USA

### Non Invasive Imaging - Poster Contributions

#### Session #1263

#### Non Invasive Imaging: MR Valve Disease and Atrial/Ventricular Pathology

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

251 - Role of Pericardial Delayed Hyperenhancement in Predicting Clinical Resolution Among Patients With Recurrent Pericarditis

Arnav Kumar, Edlira Yzeiraj, Lin Lin, Kimi Sato, Jorge Betancor, Srikanth Koneru, Steven Assalita, Paul Cremer, Balaji Tamarappoo, Allan Klein, Cleveland Clinic Heart and Vascular Institute, Cleveland, OH, USA

252 - Predictors of Outcomes by Cardiac Magnetic Resonance in Patients With Pulmonary Hypertension

Carlos Andres Gonzalez-Lengua, Chirag Agarwal, Pirkash Kumar, Maria Eduarda Siqueira, Jose Manuel Garcia-Ruiz, Ziad Sergie, Jagat Narula, Valentin Fuster, Javier Sanz, Mount Sinai Hospital, New York, NY, USA

253 - Left Atrial Performance in the Course of Hypertrophic Cardiomyopathy: Relation to Left Ventricular Hypertrophy and Fibrosis

Johannes Kowallick, Miguel Silva Vieira, Shelby Kutty, Joachim Lotz, Gerd Hasenfuss, Amedeo Chiribiri, Andreas Schuster, University Medical Centre Göttingen, Göttingen, Germany

254 - Mitral Regurgitation Severity Is Associated With Increased Diffuse Myocardial Fibrosis by Extracellular Volume Quantification in Non-Ischemic Cardiomyopathy

Samornrat Jampates, Srikanth Koneru, Zoran Popovic, Scott Flamm, Wai Hong Tang, Brian Griffin, Deborah Kwon, Cleveland Clinic Foundation, Cleveland, OH, USA

255 - Multiple Clinical Factors Affect Left Atrial Shape in Atrial Fibrillation

Erik Biegging, Alan Morris, Joshua Cates, Brent Wilson, Nassir Marrouche, University of Utah, Salt Lake City, UT, USA

256 - Associations Between CHA2DS2-VASc and Degree of Atrial Fibrosis

Jordan King, Mohamed Labedi, Robert White, Mihail Chelu, Gagandeep Kaur, Kara Johnson, Christina Pacchia, Nassir Marrouche, Comprehensive Arrhythmia and Research Management Center, University of Utah, School of Medicine, Salt Lake City, UT, USA, Pharmacotherapy Outcomes Research Center, University of Utah, College of Pharmacy, Salt Lake City, UT, USA

257 - Manganese Chelate-Enhanced Magnetic Resonance Imaging of Myocardial Infarction in a Rabbit Ischemia Model: Comparison With Gadolinium-Enhanced Magnetic Resonance Imaging

Lingyi Wen, Zhigang Yang, Chunchao Xia, Lizhi Zhang, Hua Ai, Yingkun Guo, Department of Radiology, West China Hospital, Sichuan University, Chengdu, People's Republic of China

258 - Epicardial Adipose Tissue Is Related to Arterial Stiffness in Patients With Cardio-Metabolic Disease

Shaween Al-talabany, Faisal Khan, Graeme Houston, Helen Colhoun, Jonathan Weir-McCall, Daniel Leven, Fiona Dove, Deirdre Cassidy, Helen Looker, Chim Lang, University of Dundee, Dundee, United Kingdom

259 - Systematic Review and Meta-Analysis Evaluating the Diagnostic Accuracy of Cardiac Magnetic Resonance Imaging to Assess Left Atrial Appendage Thrombi

Yang Zhan, McGill University, Montreal, Canada

260 - Comparison of Left Atrial Structural Remodeling in Patients With and Without Atrial Fibrillation: A Single Center MRI Study

Christian Mahnkopf, Marcel Mitlacher, Johannes Brachmann, Klinikum Coburg, Dept. of Cardiology, Coburg, Germany

261 - Common Genetic Variants and Left Ventricular Structure in the Multi-Ethnic Study of Atherosclerosis

Jose D. Vargas, Ani Manichaikul, Chia-Ying Liu, Stephen Rich, Wendy Post, Daniel Judge, David Bluemke, National Institutes of Health, Bethesda, MD, USA

262 - Flail Mitral Leaflet or Presence of the Coanda Effect Are Not Invariably Associated With Severe Mitral Regurgitation as Assessed by MRI

Donna Chelle Morales, Seth Uretsky, Konstantinos Koulgiannis, Leo Marcoff, Lillian Aldaia, Edgar Argulian, Steven Wolff, Linda Gillam, Morristown Medical Center, Atlantic Health System, Morristown, NJ, USA, Carnegie Hall Radiology, Advanced Cardiovascular Imaging, New York City, NY, USA

### Prevention - Poster Contributions

#### Session #1270

#### The Epidemiology of Hypertension and Its Comorbidities

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

365 - High Frequency of Hypertensive Intracerebral Hemorrhage as a Cause of Sudden Unexpected Death in Asian Population

Kamonchanok Jongyotha, Pattara Rattanawong, Wasawat Vutthikraivit, Napatt Kanjanahattakij, Prapaipan Putthapiban, Weera Sukhumthamarat, Pongthep Rajsirisongsri, Therdtoon Waungpaibulkij, Jenya Jutakeo, Chumsab Rattananuangrit, Peeraya Piancharoen, Prin Vathesatogkit, Tachapong Ngarmukos, Smith Srisont, Faculty of Medicine Ramathibodi Hospital Mahidol University, Bangkok, Thailand

366 - Effect of Gene Polymorphism of GNB3 on the Risk of High-Normal Blood Pressure in a Japanese Population

Masahiko Eto, Masanobu Okayama, Taro Takeshima, Maki Kumada, Takanori Aonuma, Yoshikazu Nakamura, Eiji Kajii, The Jichi Community Genetics Team(JCOG), Wakuya Medical and Welfare Center, Wakuya, Japan, Jichi Medical University, Shimotsuke, Japan

367 - Effect of Inter-Individual Blood Pressure Variability on the Progression of Atherosclerosis in Carotid and Coronary Arteries: A Post Hoc Analysis of the NORMALISE and PREVENT Studies

Jung-Sun Kim, Sungha Park, Ping Yan, Barrett W Jeffers, César Cerezo, Division of Cardiology, Yonsei Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, South Korea, Pfizer, Shanghai and New York, NY, South Korea

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

Konstantinos P. Tsioufis, Kyriakos Dimitriadis, Alexandros Kasiakogias, Theodoros Kalos, Evaggelia Koutra, Panagiotis Vasileiou, Eirini Andrikou, Anastasios Milkas, Dimitris Tousoulis, First Cardiology Clinic, University of Athens, Hippokraton Hospital, Athens, Greece



**369 - Cardiovascular Prognosis of Severe Resistant Hypertension Among Uncontrolled Hypertensives: A 4-Year Prospective Study**

Konstantinos P. Tsioufis, Alexandros Kasiakogias, Kyriakos Dimitriadis, Athanasios Kordalis, Dimitrios Aragiannis, Panagiotis Vasileiou, Costas Thomopoulos, Anastasios Milkas, Dimitris Tousoulis, First Cardiology Clinic, University of Athens, Hippokration Hospital, Athens, Greece

**370 - The Association of Renal Artery Calcification With Hypertension in Community-Living Individuals: The Multi-Ethnic Study of Atherosclerosis**

Isac Thomas, Amanda Ratigan, Dena Rifkin, Joachim Ix, Michael Criqui, Matthew Budoff, Matthew Allison, University of California San Diego, San Diego, CA, USA

**371 - Association of Orthostatic Hypertension With Mortality in the Systolic Hypertension in the Elderly Program**

William J. Kostis, Abel Moreyra, Davit Sargsyan, Javier Cabrera, Nora Cosgrove, John Kostis, William Cushman, John Pantazopoulos, Sara Pressel, Barry Davis, Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ, USA

**372 - Persistence or Development of New Electrocardiographic Left Ventricular Hypertrophy by Both Cornell Product and Sokolow-Lyon Voltage Is Associated With Markedly Increased Risk During Antihypertensive Therapy**

Peter M. Okin, Darcy Hille, Sverre Kjeldsen, Richard Devereux, Weill Cornell Medical College, New York, NY, USA

**373 - Long-Term Mortality in a Cohort of Hypertensive Patients With Coronary Artery Disease: Results From an Extended Follow Up of the International Verapamil/ Trandolapril Study (INVEST) Project**

Islam Elgendy, Anthony Bavry, Yan Gong, Eileen Handberg, Rhonda Cooper-DeHoff, Carl Pepine, University of Florida, Gainesville, FL, USA, North Florida/South Georgia Veterans Health System, Gainesville, FL, USA

**374 - Central Indices of Aortic Stiffness Predict Severity and Burden of Coronary Artery Disease Beyond Traditional Risk Models**

Tilak Pasala, Shervin Golbari, Sonika Golbari, Prasanna Sengodan, Florian Rader, Theophilus Owan, Anwar Tandar, Mark Dunlap, Sanjay Gandhi, University of Utah, Salt Lake City, UT, USA, Case Western Reserve University/MetroHealth, Cleveland, OH, USA

### Prevention - Poster Contributions

#### Session #1271

#### New Frontiers in Preventive Cardiology

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

**375 - Coronary Artery Calcium Predicts Atherosclerotic Cardiovascular Disease (ASCVD) at 10-Years: The Multi-Ethnic Study of Atherosclerosis (MESA)**

Matthew J. Budoff, Rebekah Young, Gregory Burke, John Carr, Bob Detrano, Aaron Folsom, Richard Kronmal, Joao Lima, Kiang Liu, Robyn McClelland, Erin Michos, Wendy Post, Steven Shea, Karol Watson, Nathan Wong, Los Angeles Biomedical Research Institute, Torrance, CA, USA, University of Washington, Seattle, WA, USA

**376 - Ten-Year Follow Up of Young Apparently Healthy South Asian Descendants in the Netherlands: The SHIVA Follow Up Study**

Sanjay Nandkoemar Gobardhan, Pranobe V. Oemrawsingh, Martin J. Schalij, Leiden University Medical Center, Leiden, The Netherlands, Medical Center Haaglanden, the Hague, The Netherlands

**377 - Red Cell Distribution Width and Risk of Cardiovascular Mortality: Insights From NHANES-III**

Mohit Pahuja, Neeraj Shah, Aman Handa, Sadip Pant, Vratika Agarwal, Nileshkumar Patel, Raman Dusat, St. Joseph's Hospital and Medical Center, Phoenix, AZ, USA, Lehigh Valley Medical Center, Allentown, PA, USA

**378 - Triglyceride Levels and Its Relationship With Hemoglobin A1c in Patients With Diabetes**

Reynaria Pitts, Katelyn Garcia, Paul Ribisl, Mara Vitolins, Lawrence Cheskin, Stephen Glasser, Ashok Balasubramanyam, Henry J. Pownall, Lynne Wagenknecht, Robert Eckel, University of Colorado, Aurora, CO, USA, Wake Forest University, Winston-Salem, NC, USA

**379 - Provider Adherence to Cholesterol Guidelines Following Hospitalization for Acute Coronary Syndrome or Stroke**

Michael Valentino, Jad Al Danaf, Andrew Panakos, Loheetha Ragupathi, Danielle Duffy, David Whellan, Thomas Jefferson University Hospital, Philadelphia, PA, USA

**380 - Epicardial Fat and Maximal Functional Performance Assessed by Gas Exchange Analysis in a Population of Patients at Risk for CV Events: A EURO-EX Substudy Analysis**

Marta Pellegrino, Vincenzo Tufaro, Greta Generati, Eleonora Alfonzetti, Francesco Bandera, Marco Guazzi, IRCCS Policlinico San Donato, San Donato M.se, Italy

**381 - The Impact of Smoking and Smoking Cessation on Arterial Stiffness and Central Blood Pressure**

Adam D. Gepner, Megan Piper, Claudia Korcarz, Kristin Hansen, JoAnne Weber, Timothy Baker, Michael Fiore, James Stein, University of Wisconsin School of Medicine and Public Health, Madison, WI, USA

**382 - Gender Differences in Risk of Stroke in Patients With Restless Legs Syndrome**

Zoe Heis, Beneet Pandey, Susan Olet, Samian Sulaiman, Saagar Pamulapati, Mary Meyer, Lynda Daley Barsch, Michael N Katzoff, A. Jamil Tajik, Arshad Jahangir, Sheikh Khalifa bin Hamad Al Thani Center for Integrative Research on Cardiovascular Aging, Milwaukee, WI, USA

**383 - Role of Niacin in Current Clinical Practice: A Systematic Review and Meta-Analysis of Randomized Control Trials**

Aakash Garg, Abhishek Sharma, Parasuram Krishnamoorthy, Solomon Bagae, Debabrata Mukherjee, James J. Peters VA Hospital, Bronx, NY, USA

**384 - Re-Evaluation of Nitrate Tolerance: A Study of Central Aortic Pulse Waveform Analysis**

Michael F. O'Rourke, Xiong Jing Jiang, Wei Ji, Yi-shi Li, Audrey Adji, Hui Dong, Meng Peng, Lisheng Liu, St Vincent's Clinic, Sydney, Australia, Fuwai Hospital, Beijing, People's Republic of China

**385 - Vitamin D3 Levels Modulate CXCR4+ Circulating Progenitor Cell Counts**

Salim Hayek, Yi-An Ko, Ibhar Al Mheid, Kareem Hosny, Hina Ahmed, Brandon Gray, Keyur Patel, Iraj Hesari, Greg Martin, Jinhee Kim, Edmund Waller, Arshed Quyyumi, Emory University School of Medicine, Atlanta, GA, USA

**386 - First Clinical Evaluation of a Digital Health Offering to Optimize Treatment in Patients With Uncontrolled Hypertension and Type 2 Diabetes**

Lars Osterberg, Naunihal Virdi, Yoona Kim, Praveen Raja, Miriam Cruz, George Savage, Jeffrey Unger, Marina Raikhel, Juan Frias, Proteus Digital Health, Redwood City, CA, USA





387 - Hand Grip Strength Significantly Predicts Cardiovascular Event Risk in Patients With Type 2 Diabetes

Philipp Rein, Christoph Saely, Alexander Vonbank, Daniela Zanolin, Heinz Drexel, Academic Teaching Hospital Feldkirch, Feldkirch, Austria, VIVIT-Institute, Feldkirch, Austria

388 - Race and Outcomes Following Out of Hospital Cardiac Arrest: The Changing Playing Field 2002 to 2012

Aiham Albaeni, May A. Beydoun, Shaker Eid, Hind A. Beydoun, Nisha Chandra-Strobos, Johns Hopkins University, Baltimore, MD, USA, NIH/NIA, Baltimore, MD, USA

389 - Fitness and Body Mass Index: Relation to Diabetes, Hypertension and High Cholesterol Among Patients Referred for Symptom Limited Exercise Treadmill Testing

Ronald Maag, Jacqueline Heath, Andrew Foy, Milton S. Hershey Penn State Medical Center, Hershey, PA, USA

390 - Impact of L-Carnitine on Plasma Lipoprotein(a) Concentrations: A Systematic Review and Meta-Analysis of Randomized Controlled Trials

Maria Corina Serban, Dimitri P. Mikhailidis, Peter Toth, Steven Jones, Paul Muntner, Michael Blaha, Florina Andrica, Seth Martin, Gregory Y.H. Lip, Kausik K. Ray, Maciej Banach, Lipid and Blood Pressure Meta-analysis Collaboration (LBPMC) Group, University of Alabama at Birmingham, Birmingham, AL, Birmingham, AL, USA, Medical University of Lodz, Poland, Lodz, Poland

391 - Cost-Effectiveness of Myocardial Imaging to Identify Subclinical Left Ventricular Dysfunction in Elderly Patients With Asymptomatic Type 2 Diabetes

Ying Wang, Thomas Marwick, Menzies Institute for Medical Research, Hobart, Australia

392 - Low Density Lipoprotein Cholesterol (LDL-C) Values Among High Cardiovascular Risk Patients in a Real World Population

Rajeshwari S. Punekar, Kathleen Fox, Akshara Richhariya, Shravanthi Gandra, Mark Cziraky, Carly Paoli, Peter Toth, HealthCore, Inc., Wilmington, DE, USA, Amgen, Inc., Thousand Oaks, CA, USA

393 - Sex Differences in Academic Rank Among Cardiologists at US Medical Schools in 2014

Daniel Mark Blumenthal, Andrew Olenski, Robert Yeh, Doreen DeFaria-Yeh, Malissa Wood, Anupam Jena, Massachusetts General Hospital, Boston, MA, USA, Harvard Medical School, Boston, MA, USA

394 - Good Statin Adherence Reduces All-Cause Mortality in Acute Hemorrhagic Stroke Patients Without Prior Statin Use

Po-Sheng Chen, Yi-Heng Li, Ching-Lan Chang, Yea-Huei Kao Yang, Department of Internal Medicine, National Cheng Kung University, College of Medicine and Hospital, Tainan City, Taiwan, ROC

395 - Rosuvastatin Dose-Dependently Improves Flow-Mediated Dilation, but Reduces Adiponectin Levels and Insulin Sensitivity in Hypercholesterolemic Patients

Kwang K. Koh, Seung Han, Pyung Oh, Gachon Uni Gil Medical Center, Incheon, South Korea

396 - A Clinical Score to Predict Incident Statin Induced Myalgia: A Retrospective Cohort Study

Ghanshyam Palamaner Subash Shantha, Anita A. Kumar, Kongkiat

Chaikriangkrai, Aref Bin Abdulhak, Rami Kafa, Rudhir Tandon, Hakeem Ayinde, Michael Giudici, Lawrence Cheskin, University of Iowa, Iowa City, IA, USA, Johns Hopkins University Bloomberg School of Public Health, Baltimore, MD, USA

397 - Women Speak up About Heart Health Action: A Womens Heart Alliance Research Report

C. Noel Bairey Merz, Holly Andersen, Mark Keida, Emily Sprague, Mary Walsh, Phyllis Greenberger, Susan Campbell, Irene Pollin, Nancy Brown, Marjorie Jenkins, Rita Redberg, Rita Redberg, Paula Johnson, British Robinson, Cedars-Sinai Heart Institute, Los Angeles, CA, USA

398 - Still High Prevalence of Persistent Lipid Abnormalities Among Coronary Patients Despite Chronic Statin Therapy in 2014: Results of DYSIS II ACS and CHD

Anselm K. Gitt, Dominik Lautsch, Baishali Ambegaonkar, Martin Horack, Philippe Brudi, Jean Ferrières, DYSIS-II-Study-Group, Institut f. Herzinfarktforschung Ludwigshafen, Ludwigshafen, Germany, Herzzentrum Ludwigshafen, Ludwigshafen, Germany

### Pulmonary Hypertension - Poster Contributions

#### Session #1265

#### Novel Prognostic Markers in Pulmonary Vascular Disease

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

305 - Individual Short Term Variability of Cardiac Index Assessed by Cardiac Magnetic Resonance in Pulmonary Arterial Hypertension

Christoffer Goransson, Niels Vejlstrup, Jorn Carlsen, Rigshospitalet, Copenhagen University Hospital, Copenhagen, Denmark

306 - Echocardiographic Prognostic Markers in Connective Tissue Disease Associated Pulmonary Hypertension Differ From Idiopathic Pulmonary Hypertension

Srinivas Vunnam, Rishin Handa, Masataka Sugahara, Akiko Goda, Omar Batal, Michael Mathier, John Gorcsan, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

307 - Novel Diagnostic Tool of PAH: Lung 123I-MIBG Scintigraphy

Kenjuro Higo, Kayoko Kubota, Sunao Miyanaga, Masaaki Miyata, Mitsuru Ohishi, Kagoshima University, Kagoshima, Japan

308 - Obesity Paradox in Pulmonary Hypertension: Analysis of the NIH-Pulmonary Hypertension Registry

Vijaganesh Nagarajan, Kenneth Bilchick, Luke Kohan, Timothy S. Welch, Andrew D. Mihalek, Jamie L. W. Kennedy, Sula Mazimba, University of Virginia, Charlottesville, VA, USA

309 - External Validation of Prognostic Rules for 30-Day Post-Pulmonary Embolism Mortality: Assessment of a Claims-Based and Three Clinical-Based Approaches

Christine Kohn, Erin R. Weeda, Gregory Fermann, W. Frank Peacock, Christopher Tanner, Daniel McGrath, Concetta Crivera, Jeffrey R. Schein, Craig Coleman, Hartford Hospital, Hartford, CT, USA, University of Connecticut, Storrs, CT, USA



310 - PVR but Not DPG Predicts Cardiac Hospitalizations in Left Heart Disease-Associated Pulmonary Hypertension

Rebecca R. Vanderpool, Melissa Saul, Seyed-Mehdi Nouraei, Mark Gladwin, Marc Simon, Pittsburgh Heart, Lung, Blood, Vascular Medicine Institute, University of Pittsburgh, Pittsburgh, PA, USA, Howard University, Washington DC, DC, USA

311 - Hospitalization for Pulmonary Embolism Associated With Antecedent Testosterone or Estrogen Therapy in Patients Found to Have Familial Thrombophilia

Matan Rothschild, Ashwin Vijaykumar, Michael Goldenberg, Nasim Motayar, Jonathon Weber, Marloe Prince, Charles Glueck, Ping Wang, The Cholesterol, Metabolism, and Thrombosis Center of the Jewish Hospital of Cincinnati, Cincinnati, OH, USA

312 - Interventricular Septal Displacement Within the Cardiac Cycle Predicts Mortality in Patients With Pre-Capillary Pulmonary Hypertension

Julia Grapsa, Timothy C. Tan, Giuliana Durighel, Petros Nihoyannopoulos, Imperial College NHS Trust, London, United Kingdom, Massachusetts General Hospital, Boston, MA, USA

313 - Fluid Challenge Test in Normal Subjects and in a Heterogeneous Population With Pulmonary Hypertension

Michele D'Alto, Emanuele Romeo, Paola Argiento, Giovanni M. Di Marco, Anna Corraera, Berardo Sarubbi, Maria G. Russo, Robert Naeije, Monaldi Hospital, Naples, Italy, Erasme University, Bruxelles, Belgium

314 - Is Rivaroxaban Associated With Shorter Inpatient Stays and Lower Hospital Costs Versus Heparin/Warfarin in Low-Risk Pulmonary Embolism Patients?

Craig I. Coleman, Erin Weeda, W. Frank Peacock, Gregory Fermann, Concetta Crivera, Jeff Schein, Christine Kohn, University of Connecticut, Storrs, CT, USA, Janssen Scientific Affairs LLC, Raritan, NJ, USA

### Special Topics - Poster Contributions

#### Session #1264

#### FIT Clinical Decision Making: Arrhythmias and Clinical Electrophysiology

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

271 - Yay or Nay: Anticoagulation for Atrial Fibrillation After Intracerebral Hemorrhage

Rittu Hingorani, Priya Rajagopalan, Naba Mainali, Reading Health System, Reading, PA, USA

272 - Concealed Long QT Manifested as Giant Inverted T Waves

Keith Suarez, Javier Banchs, Cameron J. Simonsen, Baylor Scott and White, Temple, TX, USA

273 - Stellate Ganglion Block in Management of Intractable Ventricular Tachycardia

Nashwa Abdulsalam, Farrukh Abbas, Dmitry Chuprun, Mohan Rao, Rochester General Hospital, Rochester, NY, USA

274 - Refractory Atrial Fibrillation Secondary to Contrast-Induced Thyroid Storm in a Patient With Amiodarone-Induced Hyperthyroidism

Martin Miguel Inocencio Amor, Ajibola Monsur Adedayo, Shailendra Singh, Evelina Grayver, North Shore University Hospital, Manhasset, NY, USA

275 - Running Out of Options Quickly: Posterior Fascicular Ventricular Tachycardia Storm Sensitive Only to Beta Blockers

Peyman Naji, Natalia Hernandez, Luna Bhatta, Daniel Villarreal, SUNY Upstate Medical University, Syracuse, NY, USA

276 - Acute Myocarditis in a Bodybuilder due to Coxsackievirus Infection and Thyroid Hormone Abuse

Tommy Kwak, Carlos Rueda Rios, Bhavith Aruni, Surender Kumar, Advocate Illinois Masonic Medical Center, Chicago, IL, USA

277 - Differential of Syncope and Epilepsy in a Patient With Congenital Long QT Syndrome

Yoshimi Takahashi, Hiroshi Fujita, Shinsuke Yamanaka, Hideka Hayashi, Tsuyoshi Shinozaki, Sendai Medical Center, Sendai, Japan

278 - Arrhythmogenic Right Ventricular Cardiomyopathy: Right, Left, or Simply Wrong?

Jennifer Monti, University of Pennsylvania, Philadelphia, PA, USA

279 - The Emergent Use of an MRI Conditional External Pacemaker in a Patient With Sinus Arrest Facilitating Diagnosis of a Temporal Lobe Neoplasm

Nirmanmoh Bhatia, Erin McGuinn, Jared O'Leary, George Crossley, Jeffrey Rottman, Vanderbilt University, Nashville, TN, USA, Nashville, TN, USA

280 - When the Patient's Disease Kills His Family Members, but Not the Patient

Luan Dragusha, Roland Xhaxho Heart Center, Tirana, Albania, UHC, Tirana, Albania

281 - Supraventricular Tachycardia Diagnosed by Smartphone Electrocardiography

Ariana Tabing, Travis Harrell, Gregory Francisco, Steven Romero, Naval Medical Center San Diego, San Diego, CA, USA

282 - Intractable Ventricular Tachyarrhythmias in an Otherwise Healthy Individual

Noura M. Dabbouseh, The Medical College of Wisconsin, Milwaukee, WI, USA

283 - Medical Management of Type A Aortic Dissection in a Setting of Atrial Fibrillation

Maryna Popp Switzer, Sucheta Gosavi, Tamanna Nahar, Texas Tech University Health Science Center, El Paso, TX, USA

284 - Tachycardia-Mediated Heart Failure Secondary to Right Atrial Appendage Atrial Tachycardia in a Collegiate Football Player

Shivanshu Madan, James Hummel, Mario Ciocca, Eugene Chung, University of North Carolina Hospitals, Chapel Hill, NC, USA

285 - Prophylactic Implantable Cardioverter Defibrillator in Cardiac Sarcoidosis: Save a Life, Cost a Job?

Bharath Rajagopalan, Amanda Ribbeck, Robert Glover, Hiroko Beck, University at Buffalo, Buffalo, NY, USA

286 - Spontaneous Subdural Hemorrhage While on Rivaroxaban for Atrial Fibrillation

Jason Sims, Waldemar Wysokinski, Rowlen Melduni, Mayo Clinic, Rochester, MN, USA

287 - Treatment of Refractory Hypoxic Respiratory Failure due to Right-to-Left Shunt After Inferior ST-Elevation Myocardial Infarction: A Novel Use of Prostacyclin Therapy



Mohammad Amin Kashef, Ankur Gupta, Jaime Hernandez Montfort, Amir Lotfi, Baystate Medical Center/Tufts University School of Medicine, Springfield, MA, USA

288 - Importance of Manual Electrocardiogram Review

Mayank Sardana, Adam Taleb, University of Massachusetts Medical School, Worcester, MA, USA

289 - Complete Heart Block Associated With Dengue Hemorrhagic Fever

Pooja Sethi, Zia Ur Rahman, Faisal Inayat, Thomas Helton, East Tennessee State University, Johnson City, TN, USA

290 - Idiopathic Ventricular Fibrillation Originating From Short-Coupled Variant Torsade-de-Pointes in a Patient Without Early Repolarization

Naveen Bellam, Jonathan Logue, Nisha Gandhi, Daniel Frisch, Reginald Ho, Thomas Jefferson University, Philadelphia, PA, USA

291 - Heart Failure, Atrial Standstill, and Non-Sustained Ventricular Tachycardia due to Emery-Dreifuss Muscular Dystrophy

Devin Loewenstein, UCLA Medical Center, Los Angeles, CA, USA, Loyola University Medical Center, Maywood, IL, USA

292 - Supraventricular Tachycardia Ablation in the Treatment of Spontaneous Coronary Artery Dissection

Aalok D. Patel, David Snipelisky, Suraj Kapa, Mayo Clinic, Rochester, MN, USA

293 - Avoid Those Sutures: Atrial Flutter Ablation After a Recent Heart Transplant

Robert Hamburger, Matthew McKillop, William Miles, University of Florida, Gainesville, FL, USA

294 - A Rare Cause of Recurrent Orthostatic Hypotension Refractory to Conventional Treatment

Jad Raffoul, Krittapoom Akrawinhawong, Scott Ferreira, Ali Mehdirad, Saint Louis University School of Medicine, St Louis, MO, USA

295 - Spontaneously Aborted Commotio Cordis

Jonathan Ludmir, Adam Small, University of Maryland Medical Center, Baltimore, MD, USA, UCLA, Los Angeles, CA, USA

296 - Seeing What Is Not There: T-Wave Oversensing in an Implantable Cardioverter Defibrillator

Tahmina Samad, Brandon Woobury, Ronald Lo, VA Loma Linda Healthcare System, Loma Linda, CA, USA

297 - Central Nervous System Mediated Cardiac Asystole in Setting of Paraneoplastic N-Methyl-D-Aspartate Receptor Antibody Encephalitis

Rajan Shah, Gurjit Singh, Marc Lahiri, Ruchir Patel, Claudio Schuger, Henry Ford Health System, Detroit, MI, USA

298 - Congenital Long QT Syndrome Masked by Acquired Long QT Syndrome

Hideka Hayashi, Hiroshi Fujita, Yoshimi Takahashi, Shinsuke Yamanaka, Tsuyoshi Shinozaki, Sendai Medical Center, Sendai, Japan

299 - Novel Clinical Manifestation of Variant SCN5A Gene

Mohammed A. Farooqui, Edward Ladyzhenskiy, Carl Musser, Steven Poelzing, Soufian Almahameed, Virginia Tech Carilion School of Medicine, Roanoke, VA, USA

300 - Atypical Presentation of Pacemaker Lead Perforation Four Weeks After Implantation

Bill Ayach, Alexander Tischenko, Edward Pascoe, Clarence Khoo, Section of Cardiology, Department of Internal Medicine, University of Manitoba, Winnipeg, Canada

301 - In Multiple Refractory Arrhythmias: Which One(s) to Ablate?

Moustapha Atoui, Madhav Lavu, Rhea Pimentel, Dhanunjaya Lakkireddy, Madhu Reddy, University of Kansas Medical Center, Kansas City, KS, USA

302 - A Reminder of Treatments Past

Kamran Hassan, Saba Lahsaei, Anna Beyer, Richard Hongo, California Pacific Medical Center, San Francisco, CA, USA

303 - Coronary Occlusion After Atrial Tachycardia Ablation: A Very Rare but Possible Complication!

Micaela Iantorno, Jafri Haseeb, Johns Hopkins University, Baltimore, MD, USA

304 - A Previously Healthy 40-Year Old Woman Complaining of Paresthesias Presenting With Asymptomatic High Degree AV Block

Jorge Rodrigo Moragues, Jose Angel Larraya, Hospital Español, Mexico City, Mexico

316 - Unusual Presentation of Amiodarone Induced Pulmonary Toxicity

Ayman Mohamed Elbadawi, Damanpaul Sondhi, Yousuf Kyeso, Rochester General Hospital, Rochester, NY, USA

317 - Long QT Syndrome Management: An Ongoing Clinical Paradox

David Bass, Usman Jilani, Supreeya Swarup, Kent Stephenson, Nassau University Medical Center, East Meadow, NY, USA

318 - Syncope Caused by Left Atrial Mass

Aswathy Vaikom House, David Danford, University of Nebraska Medical Center, Omaha, NE, USA

319 - Recurrent Syncope as a Presentation of Systemic Mastocytosis

Korosh Sharain, Hon-Chi Lee, Win-Kuang Shen, Rowlen Melduni, Mayo Clinic, Rochester, MN, USA

320 - Macroscopic T-Wave Alternans: An Unusual Companion of QT Prolongation

Mohammad Khalid Mojadidi, Ninel Hovnanians, Michael Kaufmann, James Hill, University of Florida, Gainesville, FL, USA

321 - Difficult Case of Cardiac Pacing Post-Myocarditis in a Young Man

Luiza Guimaraes, Andrew Cai, Carla Plymen, Francis Murgatroyd, Daniel Sado, George Amin-Youssef, Theresa McDonagh, King's College Hospital, London, United Kingdom

322 - Sudden Cardiac Death due to Coronary Vasospasm

Mirnela Byku, Alan Braverman, Washington University in St Louis, St Louis, MO, USA

### Stable Ischemic Heart Disease - Poster Contributions

#### Session #1252

#### Stable Ischemic Heart Disease: Novel Clinical Insights Into an Old Clinical Problem

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

99 - Stable Coronary Disease in High Vascular Risk Patients and Quality of Life: Insights From the Long Term Risk, Clinical Management and Healthcare Resource Utilization of Stable Coronary Artery Disease (TIGRIS) Registry





David B. Brieger, Shaun Goodman, Jose Carlos Nicolau, Tabassome Simon, Jiyan Chen, Satoshi Yasuda, Stefan Blankenberg, Stuart Pocock, Christopher Granger, Gema Requena, Andrew Maguire, Richard Grieve, For The TIGRIS Investigators, Concord Hospital, Sydney, Australia

100 - The Diagnostic Utility of Risk Factors Defined by the AHA/ACCF Expert Consensus Statement on the Evaluation of Cardiac Disease in Renal Transplant Recipients

Aviral Vij, Ibtihaj Fughhi, Tania Campagnoli, Afiachukwu Onuegbu, Chiedozi Anokwute, Meron Teshome, Michael Kharouta, Edward Rojas, George Khoudary, Mohamad Hatahet, Marwan Wassouf, Andrew Appis, Rami Doukky, John H. Stroger Jr. Hospital of Cook County, Chicago, IL, USA, Rush University Medical Centre, Chicago, IL, USA

101 - Cardiovascular Event Risk Associated With Angina in Older Persons With Pre-Diabetes and Diabetes

Nathan D. Wong, Jordan Magyar, Julius Gardin, Calvin Hirsch, Joseph Delaney, Federico Calara, Bruce Koch, University of California, Irvine, Irvine, CA, USA, Gilead Sciences, Foster City, CA, USA

102 - Association Between Blood Pressure Variability and Long Term Survival in Patients With Stable Ischemic Heart Disease: A Post-Hoc Analysis of the COURAGE Trial

Mandeep S. Sidhu, Michael Lavelle, Pamela Hartigan, David Maron, G. B. John Mancini, John Spertus, Koon Teo, Steven Sedlis, Bernard Chaitman, William Weintraub, William Boden, Albany Medical Center, Albany, NY, USA

104 - Incidence, Predictors, Clinical Profile, Management and Outcome of Patients With Isolated Left Main Coronary Artery Ostial Disease

Sunil Kumar Srinivas, Bharathi Sunil, Vikram Kolhari, C. Nanjappa Manjunath, Sri Jayadeva Institute of Cardiovascular Sciences and Research, Bangalore, India, Mount Sinai Hospital, New York, NY, USA

105 - Mental Stress-Induced Platelet Aggregation Predicts Adverse Cardiovascular Outcome in Ischemic Heart Disease Patients on Dual Antiplatelet Therapy

Julia Sun, Stephen Boyle, Thomas Ortel, Zainab Samad, Michael Babyak, Jennifer Wilson, Cynthia Kuhn, Redford Williams, Joseph Rogers, Eric Velazquez, Christopher O'Connor, Richard Becker, Wei Jiang, Duke University Medical Center, Durham, NC, USA

106 - Clinical Outcomes of Multi-Vessel Coronary Artery Spasm Are Comparable to Single Vessel Spasm on Recommended Optimal Medical Treatment: Korea Vaso spastic Angina Registry Data Analysis

Seung-Hwan Han, Dong Il Shin, Sung Ho Her, Youngkeun Ahn, Keun Ho Park, Dong Soo Kim, Tae Hyun Yang, Dong Ju Choi, Jung Won Suh, Hyuck Moon Kwon, Byoung Kwon Lee, Hyeon Cheol Gwon, Seung Woon Rha, Sang Ho Jo, Sang Hong Baek, Gachon University Gil Hospital, Incheon, South Korea, Seoul Saint Mary's Hospital, Seoul, South Korea

107 - The Prognostic Utility of Risk Factors Defined by the AHA/ACCF Expert Consensus Statement on the Evaluation of Cardiac Disease in Renal Transplantation Candidates

Ibtihaj Fughhi, Tania Campagnoli, Aviral Vij, Afiachukwu Onuegbu, Chiedozi Anokwute, Mohamad Hatahet, Michael Kharouta, Marwan Wassouf, Edward Rojas, George Khoudary, Andrew Appis, Rami Doukky, Rush University Medical Center, Chicago, IL, USA, John H. Stroger, Jr. Hospital of Cook County, Chicago, IL, USA

108 - Diabetes Mellitus and Cardiovascular Risk in Patients With Chronic Coronary Heart Disease

Peter R. Sinnaeve, Emil Hagstrom, Paul Armstrong, Andrzej Budaj, Moses Elisaf, Christopher Granger, Claes Held, Wolfgang Koenig, Terje Pedersen, Amanda Stebbins, Philippe Steg, Ralph Stewart, Tamio Teramoto, Hung-Fat Tse, Lars Wallentin, David Watson, Harvey White, Uppsala Clinical Research Center, Uppsala University, Uppsala, Sweden, Green Lane Cardiovascular Service, Auckland City Hospital and University of Auckland, Auckland, New Zealand

### Valvular Heart Disease - Poster Contributions

#### Session #1249

#### Aortic Stenosis

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

39 - Abnormal Arterial Hemodynamics: A Cause of Normal-Flow, Low-Gradient Aortic Stenosis

Nancy Côté, Louis Simard, Anne-Sophie Zenses, Lionel Tastet, Mylène Shen, Marie-Annick Clavel, Centre de Recherche de l'Institut Universitaire de Cardiologie et de Pneumologie de Québec, Quebec City, Canada

40 - Myocardial Ischemia Caused by Coronary Microvascular Dysfunction Is a Key Mechanism of Exertional Angina in Patients With Severe Aortic Stenosis: Insights From a Prospective Adenosine-Stress Cardiac Magnetic Resonance Study

Jong-Hwa Ahn, Sung-Ji Park, Sung Mok Kim, Sang-Chol Lee, Seung Woo Park, Jiseok Kang, Minsun Kim, Juwon Kim, Suyeon Lee, Kyunghye Lim, Haseong Chang, Sung Woo Cho, Samsung Medical Center, Seoul, South Korea

42 - Is Atrial Fibrillation Important for Low Gradient Severe Aortic Stenosis With Preserved Ejection Fraction?

Hong Shen, Brandon Stacey, David Zhao, Bharathi Upadhy, Sujethra Vasu, Min Pu, Wake Forest Baptist Medical Center, Winston-Salem, NC, USA, USA

43 - Evaluation of the Dobutamine Stress Echocardiographic Criteria to Identify True-Severe Stenosis in Patients With Low-Flow, Low-Gradient Aortic Stenosis

Eden Touboul, Abdellaziz Dahou, Ian Burwash, Maurice Sarano, Jutta Bergler-Klein, Stefan Orwat, Helmut Baumgartner, Gerald Mundigler, Eric Larose, Philippe Pibarot, Marie-Annick Clavel, Institut Universitaire de Cardiologie et de Pneumologie de Québec, Québec, Canada

44 - Influence of Left Ventricular Outflow Tract Size on Discrepancies in Aortic Stenosis Grading: In Vitro Study and Clinical Relevance

Philippe B. Bertrand, Maxim Verboven, Lars Grieten, Marcel Ameloot, Pascal Verdonck, Pieter Vandervoort, Ziekenhuis Oost-Limburg, Genk, Belgium, Hasselt University, Hasselt, Belgium

45 - Mitral Annular Calcification and Risk of Stroke in Severe Aortic Stenosis: A Propensity Score Analysis

Alok Saurav, Pallavi Bellamkonda, Abhilash Akinapelli, Aiman Smer, Ratna Priya Gangi, Manu Kaushik, Venkata Alla, Claire Hunter, Aryan Mooss, Creighton University Medical Center, Omaha, NE, USA

46 - Left Ventricular Diastolic Stiffness Is Associated With Heart Failure Symptoms in Aortic Stenosis Patients With Preserved Ejection Fraction

Daisuke Kamimura, Takeki Suzuki, Ervin Fox, Michael Hall, University of Mississippi Medical Center, Jackson, MS, USA



### Vascular Medicine - Poster Contributions

#### Session #1259

#### Endovascular Therapy: The Aorta and Beyond

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

207 - Intravascular Ultrasound Arterial Measurements Predict Vascular Access Site Complications in Transfemoral Aortic Valve Replacement

Juliet Blakeslee-Carter, David Dexter, Paul Mahoney, Sadaf Sadie Ahanchi, Samuel Steerman, Brandon Cain, Jean Panneeton, Eastern Virginia Medical School, Norfolk, VA, USA

208 - Relative Efficacy and Safety of Endovascular Revascularization Therapies for Infrapopliteal Arterial Disease: A Bayesian Network Meta-Analysis

Sukhchain Singh, Mukesh Singh, Navsheen Grewal, Sandeep Khosla, Ingalls Memorial Hospital, Harvey, IL, USA, Mount Sinai Medical Center, Chicago, IL, USA

209 - One-Wire-Technique: First Experiences With a Novel Technique for Endovascular Repair of the Ascending Aorta in Acute Type A Aortic Dissections Using a Combined Transapical and Transfemoral Approach

Philippe Grieshaber, Nadine Nink, Dursun Guenduez, Peter Roth, Coskun Orhan, Meshal Elzien, Bernd Niemann, Andreas Böning, Ahmed Koshty, Giessen University Hospital, Department of Adult and Pediatric Cardiovascular Surgery, Giessen, Germany

210 - Frequency and Predictors of Wound Formation in Rutherford Category 4 Patients After Endovascular Therapy

Shirai Shigemitsu, Yoshiaki Ito, Tsuyoshi Sakai, keisuke hirano, Masahiro Yamawaki, Motoharu Araki, Norihiro Kobayashi, Hideyuki Takimura, Yasunari Sakamoto, Shinsuke Mori, Masakazu Tsutsumi, Takuro Takama, Hiroya Takafuji, Takashi Maruyama, Yohsuke Honda, Kenji Makino, Takahiro Tokuda, Saiseikai Yokohama City Eastern Hospital, Yokohama City, Japan

211 - Outcomes After External Physical Compression Versus Vascular Clouse Device Use After Peripheral Vascular Intervention via Femoral Approach

Daniel Ortiz, Maharaj Singh, Suhail Allaqaband, Tanvir Bajwa, Mark W. Mewissen, Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

212 - The Adjunctive Use of Angio-Seal in Femoral Vascular Closure Following Percutaneous Transcatheter Aortic Valve Replacement

Sarkis Kiramijyan, Marco Magalhaes Pereira, Itsik Ben-Dor, Edward Koifman, Ricardo Escarcega Alarcon, Nevin Baker, Smita Negi, Romain Didier, Won Yu Kang, Sa'ar Minha, Rebecca Torguson, Petros Okubagzi, Nelson Bernardo, Lowell Satler, Augusto Pichard, Ron Waksman, MedStar Washington Hospital Center, Washington, D.C., DC, USA

213 - Impact of Ultrasound Follow-Up to Manage In-Stent Restenosis in Femoropopliteal Artery

Atsushi Tosaka, Yoshimitsu Soga, Seiichi Hiramori, Kimihiro Osada, Akira Miyabe, Ryuma Ishihara, Yuriko Sato, Taisuke Mizumura, Yoichi Sugimura, Kawakita General Hospital, Tokyo, Japan, Kokura Memorial Hospital, Fukuoka, Japan

214 - Psoas Muscle Area Predicts Post-Operative Mortality in Older Adults Undergoing Endovascular or Open Aortic Aneurysm Repair

Laura Drudj, Kim Phung, Matthew Ades, Jesse Zukerman, Louis Mullie, Kristoff Nelson, Samuel Mamane, Mark Levental, Cherrie Abraham, Daniel I. Obrand, Jonathan Afilalo, Jewish General Hospital, Montreal, Canada

### Vascular Medicine - Poster Contributions

#### Session #1260

#### Vascular Medicine: New Risk Predictors for Arterial Disease

Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

215 - Left Axis Deviation as a Risk Marker in Patients Without Ischemic Heart Disease

John Pantazopoulos, Alice David, Nora M. Cosgrove, John B. Kostis, For the Myocardial Infarction Data Acquisition System (MIDAS) Study Group, Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ, USA

216 - Lipoprotein-Associated Phospholipase A2 Levels Are Associated With Endothelial Function and Arterial Stiffness in Patients With Stable Coronary Artery Disease

Gerasimos Siasos, Evangelos Oikonomou, Marina Zaromitidou, Sotirios Tsalamandris, Konstantinos Mourouzis, Antigoni Miliou, Georgios Georgiopoulos, Alexis Antonopoulos, Eleni Kokkou, Christina Mpiri, George-Angelo Papamikroulis, Manolis Vavuranakis, Dimitris Tousoulis, 1st Department of Cardiology, 'Hippokration' Hospital, University of Athens Medical School, Athens, Greece

217 - Impairment of Aortic Elastic Properties and Elevated Circulating Levels of Transforming Growth Factor-Beta in Subjects With Repaired Coarctation of Aorta

Styliani V. Brili, Alexis Antonopoulos, Evangelos Oikonomou, Aimilios Kalampogias, Konstantinos Mourouzis, Symeon Mavroudeas, Marina Zaromytidou, Evangelos K. Ekonomou, Gerasimos Siasos, Petros Nihoyannopoulos, Dimitris Tousoulis, Cardiology Dpt, Hippokration Hospital, Athens Medical School, Athens, Greece

218 - Fibrinogen Response to Stress Is Associated With Future Endothelial Function

Elizabeth A. Ellins, D. Aled Rees, John E. Deanfield, Andrew Steptoe, Julian Halcox, Swansea University, Swansea, United Kingdom, UCL, London, United Kingdom

219 - Impact of Brachial-Ankle Pulse Wave Velocity on Long-Term Cardiovascular Events: Results From IMPACT-ABI Registry

Yasushi Ueki, Takashi Miura, Wataru Shoin, Kunihiro Shimizu, Mikiko Harada, Tomoaki Motidome, Koji Yoshie, Masatoshi Minamisawa, Yasutaka Oguchi, Naoto Hashizume, Hitoshi Nishimura, Naoyuki Abe, Soichiro Ebisawa, Hirohiko Motoki, Ayako Okada, Yuji Shiba, Atsushi Izawa, Jun Koyama, Uichi Ikeda, Department of Cardiovascular Medicine, Shinshu University School of Medicine, Matsumoto, Japan

220 - Coronary Artery Calcium Score as a Predictor for Incident Ischemic Stroke: Systematic Review and Meta-Analysis

Kongkiat Chaikriangkrai, Hye Yeon Jhun, Anusha Sunkara, Faisal Nabi, John Mahmarian, Su Min Chang, University of Iowa Hospital and Clinics, Iowa City, IA, USA, Methodist DeBakey Heart & Vascular Center, Houston, TX, USA



### ACC.i2 Interventional Cardiology - Moderated Poster Contributions Session #1276M

#### ACC.i2 Mitral Valve Intervention: Evaluating Acute and Longer-Term Procedure Success

Monday, April 4, 2016, 9:45 a.m. - 10:30 a.m.

ACC.i2 Interventional Cardiology Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

9:45 a.m.

Acute Procedural Success in Percutaneous Mitral Paravalvular Leak Closure Is Associated With Improved Long-Term Survival

Mohammad Sarraf, Mohamad Alkhouli, Elad Maor, Chad Zack, Mackram Eleid, Joseph Maalouf, Donald Hagler, Allison Cabalka, Guy Reeder, Rick Nishimura, Charanjit Rihal, Mayo Clinic, Rochester, MN, USA

9:55 a.m.

Question and Answer

10:00 a.m.

Everest II REALISM: Early Success Rates of MitraClip Placement by Etiology of Regurgitation and Mitral Valve Morphology

Atif Qasim, Saibal Kar, Neil Weissman, Ted Feldman, Elyse Foster, UCSF, San Francisco, CA, USA

10:10 a.m.

Question and Answer

10:15 a.m.

Preliminary Analysis of Midterm Durability of Transcatheter Mitral Valve Repair in Patients With Severe Degenerative Mitral Regurgitation and Prohibitive Surgical Risk

D. Scott Lim, Saibal Kar, Howard Herrmann, Andrew Wang, Patrick Whitlow, William Gray, Paul Grayburn, Michael Mack, Donald Glower, Ted Feldman, University of Virginia, Charlottesville, VA, USA

10:25 a.m.

Question and Answer

ACC Poster Moderator: Charanjit S. Rihal  
ACC Poster Moderator: Josep Rodes-Cabau

### Acute Coronary Syndromes - Scientific Session Session #6008

#### Meet the ACS Legends!

Monday, April 4, 2016, 9:45 a.m. - 10:45 a.m.

Engage@ACC.16 Studio (Expo, #6098)

CME Hours: 0 /CNE Hours: 0

Co-Chair: Benjamin M. Scirica  
Co-Chair: Jennifer Tremmel  
Panelist: Michael A. Acker  
Panelist: Cindy L. Grines  
Panelist: Clyde W. Yancy

9:45 a.m.

Meet the Legends

Marc Pfeffer

Boston, MA

9:45 a.m.

Interviewer

Elizabeth Hardin

Dallas, TX

9:45 a.m.

Question and Answer

9:45 a.m.

Meet the Legends

Spencer B. King

Atlanta, GA

9:45 a.m.

Interviewer

Matthew Cavender

Wellesley, MA

9:45 a.m.

Question and Answer

9:45 a.m.

Meet the Legends

Peter K. Smith

Durham, NC

9:45 a.m.

Interviewer

David Scoville

Stanford, CA

9:45 a.m.

Question and Answer

### Acute Coronary Syndromes - Moderated Poster Contributions Session #1272M

#### ACS in Special Populations: HIV, Women, and the Elderly

Monday, April 4, 2016, 9:45 a.m. - 10:30 a.m.

Acute Coronary Syndromes Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

9:45 a.m.

In-Hospital Management and Outcomes in HIV Seropositive and Seronegative Individuals With Acute Non-ST Segment Elevation Myocardial Infarction:

Results From the National Inpatient Sample Database

Reza Masoomi, Zubair Shah, Buddhadeb Dawn, Kamal Gupta, The University of Kansas Medical Center, Kansas City, KS, USA

9:55 a.m.

Question and Answer

10:00 a.m.

In-Hospital Mortality of Myocardial Infarction by Sex, Age, and Obstructive Coronary Artery Disease Status in the ACTION Registry-GWTG

Nathaniel R. Smilowitz, Asha Mahajan, Matthew Roe, Anne Hellkamp, Karen Chiswell, Martha Gulati, Harmony Reynolds, New York University School of Medicine, New York, NY, USA, Duke Clinical Research Institute, Durham, NC, USA

10:10 a.m.

Question and Answer



10:15 a.m.

Sex Differences in Geriatric Impairments and In-Hospital Management Strategies Among Older Adults Hospitalized for a.m.I: The SILVER a.m.I Study  
Michael Nanna, Mary Geda, Terrence Murphy, Sui Tsang, Rachel Dreyer, Dharshan Lakshminarayan, Francine Welty, Sarwat Chaudhry, John Dodson, Yale University School of Medicine, New Haven, CT, USA

10:25 a.m.

Question and Answer

ACC Poster Moderator: Martha Gulati  
ACC Poster Moderator: Puja K. Mehta

### **Arrhythmias and Clinical EP - Moderated Poster Contributions** **Session #1281M**

**ICDs: Expanding Technologies but Continued Underutilization**  
**Monday, April 4, 2016, 9:45 a.m. - 10:30 a.m.**

**Arrhythmias and Clinical EP Moderated Poster Theater, Poster Area, South Hall A1**

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

9:45 a.m.

The First Report on Communicating Leadless Anti-Tachycardia Pacemaker and Subcutaneous Implantable Defibrillator: The Next Step in Cardiac Rhythm Management  
Fleur Tjong, Tom Brouwer, Lonneke Smeding, Kirsten Kooiman, Allan Shuros, Brian Soltis, Brendan Koop, Arthur Wilde, Martin Burke, Reinoud Knops, Academic Medical Center, Amsterdam, The Netherlands

9:55 a.m.

Question and Answer

10:00 a.m.

Early Use of the Subcutaneous Implantable Cardioverter Defibrillator in the United States: A Report From the National Cardiovascular Data Registry  
Daniel J. Friedman, Craig Parzynski, Jephtha Curtis, Paul Varosy, Andrea Russo, Jordan Prutkin, Kristen Patton, Ali Mithani, Sana Al-Khatib, Duke University Hospital, Durham, NC, USA

10:10 a.m.

Question and Answer

10:15 a.m.

Low Compliance of Implantable Cardioverter-Defibrillator Use for Heart Failure With Reduced Ejection Fraction in an Underserved Population  
Yifan Lu, Ningxin Wan, The Hung Nguyen, Nidhi Madan, Ninel Hovnanians, Juan Carlos Ruiz Diaz, Luise Holzhauser, Michael Grushko, Robert Faillace, Jacobi Medical Center, Bronx, NY, USA

10:25 a.m.

Question and Answer

ACC Poster Moderator: Carsten W. Israel  
ACC Poster Moderator: Cara Pellegrini

### **Congenital Heart Disease - Moderated Poster Contributions** **Session #1277M**

**Impact of Maternal Stress on Fetal Outcomes**

**Monday, April 4, 2016, 9:45 a.m. - 10:30 a.m.**

**Congenital Heart Disease Moderated Poster Theater, Poster Area, South Hall A1**

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

9:45 a.m.

Impact of Early Palliative Care Intervention on Maternal Stress in Mothers of Infants Prenatally Diagnosed With Single Ventricle Heart Disease: A Randomized Clinical Trial

Hayley Hancock, Kenneth Pituch, Karen Uzark, Priya Bhat, Carlen Fifer, Maria Silveira, Sunkyoung Yu, Janet Donohue, Ray Lowery, Ranjit Aiyagari, University of Michigan, Ann Arbor, MI, USA

9:55 a.m.

Question and Answer

10:00 a.m.

Psychological Stress and Maternal Cortisol When Carrying a Fetus With Congenital Heart Disease

Brooke Davey, Zhi-Yun Tian, Agbenu Ejembi, Denise Donaghue, Jill Combs, Okan Elci, Suzanne Levy, Jack Rychik, Guy Diamond, Children's Hospital of Philadelphia, Philadelphia, PA, USA

10:10 a.m.

Question and Answer

10:15 a.m.

The Impact of Prenatal Diagnosis on Rates and Cost of Comfort Care for Infants With Critical Congenital Heart Disease

Whitnee Hogan, L. LuAnn Minich, Michael Puchalski, Richard Nelson, Nelangi Pinto, University of Utah, Salt Lake City, UT, USA

10:25 a.m.

Question and Answer

ACC Poster Moderator: Jami Levine  
ACC Poster Moderator: Jack Rychik

### **Heart Failure and Cardiomyopathies - Moderated Poster Contributions** **Session #1274M**

**The Almighty ECMO**

**Monday, April 4, 2016, 9:45 a.m. - 10:30 a.m.**

**Heart Failure and Cardiomyopathies Moderated Poster Theater, Poster Area, South Hall A1**

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

9:45 a.m.

Trends in Extracorporeal Membrane Oxygenation in New York State, 2003-2013

Jaya Batra, Joanna Chikwe, Shinobu Itagaki, Nana Toyoda, Natalia Egorova, Department of Cardiovascular Surgery, Icahn School of Medicine at Mount Sinai, New York, NY, USA, Department of Health Evidence and Policy, Icahn School of Medicine at Mount Sinai, New York, NY, USA

9:55 a.m.

Question and Answer



10:00 a.m.

Outcomes of Venoarterial Extracorporeal Membrane Oxygenation  
Andrew Burchett, Thomas Tribble, Richard Charnigo, Susan Smyth, Maya Guglin, University of Kentucky College of Medicine, Lexington, KY, USA

10:10 a.m.

Question and Answer

10:15 a.m.

Refractory Cardiogenic Shock Treated by Veno-Arterial Ecmo; Prognostic Role of Lactate  
Ervis Hiso, Daniele Scarpa, Martina Perazzolo Marra, Luciano Babuin, Giuseppe Tarantini, Gino Gerosa, Sabino Iliceto, Luisa Cacciavillani, Università di Padova, Padova, Italy

10:25 a.m.

Question and Answer

ACC Poster Moderator: Maya E. Guglin  
ACC Poster Moderator: Biswajit Kar

### Non Invasive Imaging - Moderated Poster Contributions

#### Session #1279M

##### Recent Advances in Nuclear Cardiology

Monday, April 4, 2016, 9:45 a.m. - 10:30 a.m.

Non Invasive Imaging Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

9:45 a.m.

Improved Assessment of CAD in Obese Subjects With Flurpiridaz F18 PET Myocardial Perfusion Imaging: A Subset Analysis of the Flurpiridaz F18 301 Phase 3 Study

Timothy M. Bateman, Jamshid Maddahi, James Udelson, Rob Beanlands, Juhani Knuuti, Gary Heller, Daniel Berman, Joel Lazewatsky, Cesare Orlandi, Mid America Heart Institute, Kansas City, MO, USA

9:55 a.m.

Question and Answer

10:00 a.m.

Diagnostic and Prognostic Utility of Quantitative Cardiac PET Evaluation of Cardiac Allograft Vasculopathy

Paco E. Bravo, Tomas Vita, Viviany Taqueti, Ankur Gupta, Sara Seidelmann, Nishant Shah, Jon Hainer, Courtney Foster, Meagan Harrington, Fred Costantino, Mandeep Mehra, Sharmila Dorbala, Ron Blankstein, Michael Givertz, Marcelo Di Carli, Brigham and Women's Hospital, Boston, MA, USA

10:10 a.m.

Question and Answer

10:15 a.m.

Short-Term Treatment With Ranolazine Improves Left Ventricular Filling Pressures Without Detectable Changes in Myocardial Blood Flow in Symptomatic Diabetic Patients Without Obstructive Coronary Artery Disease  
Nishant R. Shah, Michael Cheezum, Vikas Veeranna, Stephen Horgan, Viviany Taqueti, Venkatesh Murthy, Courtney Foster, Jon Hainer, Mariya Gaber, Josh Klein, Karla Daniels, Jose Rivero, Amil Shah, Peter Stone, David Morrow, Michael Steigner, Sharmila Dorbala, Ron Blankstein, Marcelo Di Carli, Brigham & Women's Hospital, Boston, MA, USA, Harvard Medical School, Boston, MA, USA

10:25 a.m.

Question and Answer

ACC Poster Moderator: Aiden Abidov  
ACC Poster Moderator: Saurabh Malhotra

### Prevention - Moderated Poster Contributions

#### Session #1282M

##### CVD Prevention in Women: What's Unique, What Are the Opportunities?

Monday, April 4, 2016, 9:45 a.m. - 10:30 a.m.

Prevention Moderated Poster Theater, Poster Area, South Hall A1  
CME Hours: 0.75 /CNE Hours: 0.75

9:45 a.m.

Lactation and Future Cardiovascular Disease in Women: An Under Appreciated Target for Prevention  
Sheeva Rajaei, Sandra A. Tsai, Joseph Rigdon, Susan Weber, Maya Mathur, Jennifer Tremmel, Stanford University, Palo Alto, CA, USA

9:55 a.m.

Question and Answer

10:00 a.m.

Sex Differences in Long-Term Outcomes of Patients With Non-Obstructive Coronary Artery Disease  
Neha J. Pagidipati, Daniel Mudrick, Karen Chiswell, Amanda Brucker, Michael Mackenzie, Songlin Zhu, Eric Peterson, Pamela Douglas, Duke Clinical Research Institute, Durham, NC, USA

10:10 a.m.

Question and Answer

10:15 a.m.

Endothelial Dysfunction After Hypertensive Disorders of Pregnancy: A Systematic Review and Meta-Analysis  
Sophie Grand'Maison, Louise Pilote, Tara Landry, Marisa Okano, Natalie Dayan, McGill University Health Center, Montreal, Canada, McGill University, Montreal, Canada

10:25 a.m.

Question and Answer

ACC Poster Moderator: Martha Gulati  
ACC Poster Moderator: Jamal S. Rana

### Special Topics - Moderated Poster Contributions

#### Session #1280M

##### FIT Clinical Decision Making: Moderated Poster Session VI

Monday, April 4, 2016, 9:45 a.m. - 10:30 a.m.

Pulmonary Hypertension and FIT CDM Moderated Poster Theater, Poster Area, South Hall A1  
CME Hours: 0.75 /CNE Hours: 0

9:45 a.m.

A 26 Year Old Woman With Continuous Murmur and Heart Failure: Monorailing the Heart  
Lovely Chhabra, Frederic Bernstein, Olga Toro-Salazar, Shailendra Upadhyay, Hartford Hospital, Hartford, CT, USA

9:55 a.m.

Question and Answer





10:00 a.m.

An Unusual Presentation of Decompensated Systolic Heart Failure in the Setting of Patent Foramen Ovale

Steve Antoine, Arunpreet Kahlon, Upstate Medical University, Syracuse, NY, USA

10:10 a.m.

Question and Answer

10:15 a.m.

Flecainide Toxicity Mimicking Incessant Ventricular Tachycardia

Michael Valentino, Andrew Panakos, Loheetha Ragupathi, Janna Williams, Behzad Pavri, Thomas Jefferson University Hospital, Philadelphia, PA, USA

10:25 a.m.

Question and Answer

ACC Poster Moderator: Douglas E. Drachman

ACC Poster Moderator: Sunil V. Mankad

### Stable Ischemic Heart Disease - Moderated Poster Contributions Session #1275M

#### Mental Stress, Stable Ischemic Heart Disease and Mortality

Monday, April 4, 2016, 9:45 a.m. - 10:30 a.m.

Stable Ischemic Heart Disease Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

9:45 a.m.

Depression Following Coronary Artery Bypass Graft Surgery Predicts Increased 10-Year All-Cause Mortality

Daniel Nguyen, Nicholas Duca, Bea Belnap, Kaleab Abede, Amy Anderson, Charles F. Reynolds, III, Bruce Rollman, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

9:55 a.m.

Question and Answer

10:00 a.m.

Greater Activity of the Brain's Emotional Stress Center Associates With Arterial Inflammation and Predicts Subsequent CVD Events

Amorina Ishaj, Richard Takx, Matthias Nahrendorf, Roger Pitman, Shin M. Lisa, Ahmed Tawakol, Massachusetts General Hospital, Boston, MA, USA

10:10 a.m.

Question and Answer

10:15 a.m.

Clinical Consequences of a New Diagnosis of Major Depressive Disorder in Patients With Stable Ischemic Heart Disease

Natalie Szpakowski, Maria Bennell, Feng Qui, Paul Kurdyak, Harindra Wijeysondera, Sunnybrook Health Sciences Centre, Toronto, Canada, Institute for Clinical Evaluative Sciences (ICES), Toronto, Canada

10:25 a.m.

Question and Answer

ACC Poster Moderator: Jose G. Diez

ACC Poster Moderator: Michael E. Farkouh

### Valvular Heart Disease - Moderated Poster Contributions

#### Session #1273M

#### Valvular Heart Disease: Biomarkers

Monday, April 4, 2016, 9:45 a.m. - 10:30 a.m.

Valvular Heart Disease Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

9:45 a.m.

Cardiac Myosin Binding Protein C Is a Novel Circulating Marker of Myocardial Injury and Fibrosis in Patients With Aortic Stenosis

Atul Anand, Calvin Chin, Anoop Shah, Jacek Kwieciński, Alex Vesey, Marc Dweck, Joanna Cowell, Thomas Kaier, David Newby, Michael Marber, Nicholas Mills, Centre for Cardiovascular Science, University of Edinburgh, Edinburgh, United Kingdom, King's College London BHF Centre, The Rayne Institute, St Thomas' Hospital, London, United Kingdom

9:55 a.m.

Question and Answer

10:00 a.m.

Assessment of the Relationship Between Serum Vascular Adhesion Protein (VAP)-1 and Severity of Calcific Aortic Valve Stenosis

Huseyin Altug Cakmak, Serkan Aslan, Mehmet Erturk, Vesile Ornek, Aydin R. Tosu, Ali K. Kalkan, Derya Ozturk, Omer Tasbulak, Yalcin Avci, Mehmet Gul, Mustafakemalpasa Government Hospital, Cardiology, Bursa, Turkey, Mehmet Akif Ersoy Thoracic and Cardiovascular Surgery Training and Research Hospital, Cardiology, Istanbul, Turkey

10:10 a.m.

Question and Answer

10:15 a.m.

Early Activation of Growth Pathways in Mitral Leaflets Exposed to Aortic Regurgitation: Active Mechanism to Prevent Functional Mitral Regurgitation in the Dilated Ventricle

Ons Marsit, Olivier Royer, Marie-Claude Drolet, Marie Arsenault, Jacques Couet, Jonathan Beaudoin, Centre de Recherche de l'Institut Universitaire de Cardiologie et de Pneumologie de Québec, Quebec, Canada

10:25 a.m.

Question and Answer

ACC Poster Moderator: Shahbudin H. Rahimtoola

ACC Poster Moderator: Lissa Sugeng

### Vascular Medicine - Moderated Poster Contributions

#### Session #1278M

#### Basic Mechanisms of Atherogenesis

Monday, April 4, 2016, 9:45 a.m. - 10:30 a.m.

Vascular Medicine Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

9:45 a.m.

BMI-Dependent Effects of Adipose Tissue Exosomes on Human Macrophage Cholesterol Transport Gene Expression

Allison B. Reiss, Joshua DeLeon, Iryna Voloshyna, Sarah Ferrante, Nicolle Siegart, Ashley Barlev, Michael Littlefield, Michael Salama, Lora J. Kasselman, Robert J. Freishtat, Winthrop University Hospital, Mineola, NY, USA, George Washington University School of Medicine, Washington, DC, USA



9:55 a.m.

Question and Answer

10:00 a.m.

Defining the Mechanism of Lp(a) Lowering by Alirocumab in Transgenic Mouse Models

Calvin Yeang, Phuong Miu, Simone Green, Xiaohong Yang, Ming Yow Hung, Joseph Witztum, Sotirios Tsimikas, UCSD, San Diego, CA, USA

10:10 a.m.

Question and Answer

10:15 a.m.

Additional Copy of ABCG1 Rather Than miR-155 Contributes to the Low Incidence of Atherosclerosis in Down Syndrome

Ya-Jun Zhang, Guo-Dong Yang, Xiao-Zhao lu, Jing Ma, Li-Jun Yuan, Department of Ultrasound, Tangdu Hospital, Fourth Military Medical University, Xi'an, People's Republic of China, Department of Biochemistry and Molecular Biology, Fourth Military Medical University, Xi'an, People's Republic of China

10:25 a.m.

Question and Answer

ACC Poster Moderator: Jeffrey S. Berger

ACC Poster Moderator: Natalie Evans

### Non-Certified Industry Events - Learning Destinations

#### Session #4007

##### Taking Control of Platelet Inhibition in PCI

Monday, April 4, 2016, 9:45 a.m. - 10:45 a.m.

Expo Hall 24100

CME Hours: 0 /CNE Hours: 0

9:45 a.m.

Taking Control of Platelet Inhibition in PCI

C. Michael Gibson

Boston, MA

9:45 a.m.

Understanding thrombotic risk in the acute care setting

Dominick J. Angiolillo

Jacksonville, FL

9:45 a.m.

Navigating through the complexity of contemporary practice

Timothy D. Henry

Los Angeles, CA

9:45 a.m.

Taking Control of Platelet Inhibition in PCI

Duane S. Pinto

Boston, MA

### Non-Certified Industry Events - Learning Destinations

#### Session #4015

##### Transcatheter Mitral Valve Repair: What have we learned with MitraClip?

Monday, April 4, 2016, 9:45 a.m. - 10:45 a.m.

Expo Hall 25078

CME Hours: 0 /CNE Hours: 0

9:45 a.m.

Transcatheter Mitral Valve Repair: What have we learned with MitraClip?

Blase A. Carabello

New York, NY

9:45 a.m.

Transcatheter Mitral Valve Repair: What have we learned with MitraClip?

James D. Thomas

Chicago, IL

9:45 a.m.

Transcatheter Mitral Valve Repair: What have we learned with MitraClip?

Mathew Williams

New York, NY

9:45 a.m.

Transcatheter Mitral Valve Repair: What have we learned with MitraClip?

James Bernard Hermiller

Indianapolis, IN

9:45 a.m.

Transcatheter Mitral Valve Repair: What have we learned with MitraClip?

Paul Sorajja

Minneapolis, MN

### Non-Certified Industry Events - Learning Destinations

#### Session #4210

##### Recognizing and Managing Neurogenic Orthostatic Hypotension

Monday, April 4, 2016, 9:45 a.m. - 10:15 a.m.

Expo Hall 24046

CME Hours: 0 /CNE Hours: 0

9:45 a.m.

Recognizing and Managing Neurogenic Orthostatic Hypotension

Brian Olshansky

Iowa City, IA

### Non-Certified Industry Events - Learning Destinations

#### Session #4321

##### Get the APB on PAD: Wanted for Robbing Lives and Limbs. Be on the Look Out, Get the Facts.

Monday, April 4, 2016, 9:45 a.m. - 10:15 a.m.

Expo Hall 24035

CME Hours: 0 /CNE Hours: 0

9:45 a.m.

Get the APB on PAD: Wanted for Robbing Lives and Limbs. Be on the Look Out, Get the Facts.

Khusrow Niazi

Atlanta, GA



### Non-Certified Industry Events - Learning Destinations

#### Session #4407

##### Cardiac Tamponade Simulation Training

Monday, April 4, 2016, 10 a.m. - 10:30 a.m.

Expo Hall 24062

CME Hours: 0 /CNE Hours: 0

10:00 a.m.

Cardiac Tamponade Simulation Training

### Non-Certified Industry Events - Learning Destinations

#### Session #4322

##### The Impact of Congenital Heart Disease on Families

Monday, April 4, 2016, 10:30 a.m. - 11 a.m.

Expo Hall 24035

CME Hours: 0 /CNE Hours: 0

10:30 a.m.

The Impact of Congenital Heart Disease on Families

Jodi Lemacks

Dallas, TX

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #309

##### Fellows Bootcamp: Interventional Basics

Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.

Room S103ab

CME Hours: 1.5 /CNE Hours: 0

Co-Chair: Robert J. Applegate

Co-Chair: Sahil A. Parikh

10:45 a.m.

Access

Robert J. Applegate

11:00 a.m.

Interventional Pharmacology

Craig Beavers

Nashville, TN

11:15 a.m.

FFR/IVUS/OCT

William Fuller Fearon

Stanford, CA

11:30 a.m.

Basic PVD Skill Set

Sahil A. Parikh

Cleveland, OH

11:45 a.m.

Basic Structural Skill Set

James Bernard Hermiller

Indianapolis, IN

12:00 p.m.

Question and Answer

### Special Topics - Special Session

#### Session #412

##### Late-Breaking Clinical Trials

Monday, April 4, 2016, 10:45 a.m. - 12 p.m.

Main Tent (North Hall B1)

CME Hours: 1.25 /CNE Hours: 1.25

Chair: Fausto J. Pinto

Co-Chair: Mary N. Walsh

Panelist: William T. Abraham

Panelist: Stefan D. Anker Kingdom

Panelist: Dennis M. McNamara

Panelist: Emerson C. Perin

Panelist: James E. Udelson

10:45 a.m.

Direct Renin-inhibition With Aliskiren Alone And In Combination With Enalapril, Compared With Enalapril, In Heart Failure (the ATMOSPHERE Trial)

John J. V. McMurray, William T. Abraham, Kenneth Dickstein, Lars Kober, Mohammed Atif Ali, Yanntong Chiang, Akshay Desai, Claudio Gimpelewicz, Quing Shao, Scott Solomon, Georgia Tarnesby, Barry M. Massie, Henry Krum, University of Glasgow, Glasgow, United Kingdom

10:55 a.m.

Panel Discussion

11:00 a.m.

Effect of Ularitide on Short- and Long-Term Clinical Course of Patients with Acutely Decompensated Heart Failure: Primary Results of the TRUE-AHF Trial. Milton Packer, TRUE-AHF Executive Committee, TRUE-AHF Investigators, Baylor University Medical Center, Dallas, TX, USA

11:10 a.m.

Panel Discussion

11:15 a.m.

The Final Results of the IxCell-DCM Trial: Transendocardial Injection of Ixmyelocel-T in Patients with Ischemic Dilated Cardiomyopathy Timothy D. Henry, Arshed A. Quyyumi, Gary L. Schaer, David R. Anderson, Catalin Toma, Cara East, David A. Recker, Ann Remmers, James Goodrich, Amit Patel, Cedars-Sinai Heart Institute, Los Angeles, CA, USA, University of Utah, Salt Lake City, UT, USA

11:25 a.m.

Panel Discussion

11:30 a.m.

The Effect of Vagal Nerve Stimulation in Heart Failure: Primary Results of the INcrease Of VAgal TonE in chronic Heart Failure (INOVATE-HF) Trial Michael Robert Gold, Brett J. Berman, Martin Borggrefe, Sanja Djordjevic, Paul Hauptman, Spencer Kubo, Randy A. Lieberman, Goran Milasinovic, Suresh Neelagaru, Peter J. Schwartz, Randall Starling, Dirk J. VanVeldhuisen, Douglas Mann, Medical University of South Carolina, Charleston, SC, USA

11:40 a.m.

Panel Discussion

11:45 a.m.

Non-invasive Lung IMPEDANCE-Guided Preemptive Treatment in Chronic Heart Failure Patients: a Randomized Controlled Trial (IMPEDANCE-HF trial). Michael Shochat, Avraham Shotan, ILIA SHOCHAT, Jean Marc Weinstein, David Blondheim, Iris Dahan, Simcha Meisel, Hillel Yaffe Heart Institute, Hadera, Israel, Soroka University Medical Center, Beer Sheva, Israel



11:55 a.m.  
Panel Discussion

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #734

**Complications of TAVR: Joint Symposium of the Society of Cardiovascular Computed Tomography and the American College of Cardiology**

**Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.**

**Room S102**

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

Co-Chair: Jonathon Leipsic  
Co-Chair: Raj R. Makkar  
Co-Chair: William W. O'Neill  
Panelist: Danny Dvir  
Panelist: Sammy Elmariah  
Panelist: Isaac George

10:45 a.m.  
Prevention of Coronary Occlusion in De Novo and Valve-in-Valve TAVR  
Chandan Devireddy  
Atlanta, GA

10:48 a.m.  
Panel Discussion

10:57 a.m.  
Valve Thrombosis: Reality or Hoax  
Raj R. Makkar  
Los Angeles, CA

11:00 a.m.  
Panel Discussion

11:09 a.m.  
Prevention and Management of Annular Rupture  
Isaac George  
New York, NY

11:12 a.m.  
Panel Discussion

11:21 a.m.  
Post TAVR PV Leak Closure Techniques  
Mayra E. Guerrero  
Evanston, IL

11:24 a.m.  
Panel Discussion

11:33 a.m.  
Strategies to Minimize Port-TAVR Pacemakers  
Tamim Nazif  
New Rochelle, NY

11:36 a.m.  
Panel Discussion

11:45 a.m.  
Pick the Valve: Echo Parameters to Prevent Complications  
Stamatios Lerakis  
Atlanta, GA

12:00 p.m.  
Pick the Valve: CT Parameters to Prevent Complications  
Jonathon Leipsic  
Vancouver, BC

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #735

**Development of the Heart Team in 2016 and Beyond**

**Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.**

**Room S103cd**

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

Co-Chair: Susheel K. Kodali  
Co-Chair: Michael J. Mack  
Panelist: Christopher Meduri  
Panelist: Ruby Satpathy  
Panelist: Craig R. Smith  
Panelist: Wilson Y. Szeto

10:45 a.m.  
Leading the Team: Who's in Charge?  
Patrick T. O'Gara  
Boston, MA

10:55 a.m.  
The TAVR Coordinator: The Growing Role of This Integral Person to the Heart Team  
Amy E. Simone  
Atlanta, GA

11:05 a.m.  
The 3M Pathway and What It Means for the Heart Team  
David A. Wood  
Vancouver, Canada

11:15 a.m.  
Importance of the Imager for Moving the Heart Team Forward  
Neil J. Weissman  
Washington, DC

11:25 a.m.  
Role of the Heart Team in Low-Risk Patients: Only Cardiologists Are Needed  
E. Murat Tuzcu  
Cleveland, OH

11:35 a.m.  
Role of the Heart Team in Low-Risk Patients: Surgeons Should Definitely Stay Involved  
Michael J. Reardon  
Houston, TX

11:45 a.m.  
Can the Heart Team Stay Financially Viable: Can I Afford to Have a Surgeon and Cardiologist Involved?  
Lars G. Svensson  
Cleveland, OH

11:55 a.m.  
The Heart Team of the Future: How Will It Look?  
Susheel K. Kodali  
New York, NY



12:05 p.m.  
Panel Discussion

### **ACC.i2 Interventional Cardiology - Scientific Session Session #736**

#### **The Tricuspid Valve: The New Frontier**

**Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.**

**Room S104**

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

Co-Chair: Gilles Dreyfus  
Panelist: Georg Nickenig  
Panelist: Horst Sievert

10:45 a.m.  
The Impact of Tricuspid Regurgitation on Outcomes  
Steven F. Bolling  
Ann Arbor, MI

10:55 a.m.  
Indications and Predictors of Success: Can We Learn From Surgical Outcomes?  
Gilles Dreyfus  
Monaco

11:05 a.m.  
Case Presentation: Transcatheter Tricuspid Valve Repair  
Christopher R. Thompson  
Vancouver, Canada

11:10 a.m.  
Overview of Available Transcatheter Solutions for the Tricuspid Valve  
Francesco Maisano  
Zurich, Switzerland

11:20 a.m.  
Essentials of Imaging for Tricuspid Valve Disease I: Pre-Procedural Planning With CT  
Philipp Blanke  
Vancouver, Canada

11:30 a.m.  
Essentials of Imaging for Tricuspid Valve Disease II: Essential Echocardiography  
Luigi P. Badano  
35123 Padua, Italy

11:40 a.m.  
Adjunctive Imaging Modalities for the Tricuspid Valve: 3D, ICE and Others  
Thomas Bartel  
Abu Dhabi, United Arab Emirates

11:50 a.m.  
How Should We Best Assess Procedural Success?  
Paul A. Grayburn  
Dallas, TX

12:00 p.m.  
Debate: Tricuspid Regurgitation Is a Surgical Disease  
Steven F. Bolling  
Ann Arbor, MI

12:03 p.m.  
Debate: Transcatheter Tricuspid Repair Is Here and Now!  
John G. Webb  
Vancouver, Canada

12:06 p.m.  
Rebuttal: Tricuspid Regurgitation Is a Surgical Disease  
12:08 p.m.  
Rebuttal: Transcatheter Tricuspid Repair Is Here and Now!  
12:10 p.m.  
Panel Discussion

### **Acute Coronary Syndromes - Scientific Session Session #737**

#### **Meet the Experts: Cardiovascular Pharmacology**

**Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.**

**Room S402**

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

Co-Chair: Jeffrey S. Berger  
Co-Chair: Sarah A. Spinler  
Panelist: Dominick J. Angiolillo  
Panelist: Paul Wayne Armstrong  
Panelist: Eric R. Bates  
Panelist: Kenneth W. Mahaffey  
Panelist: Marco Valgimigli  
Panelist: Stephen D. Wiviott

10:45 a.m.  
Navigating the Trade-Off With Antiplatelet Drug Selection: Bleeding Versus Stent Thrombosis  
Stephen D. Wiviott  
Boston, MA

10:55 a.m.  
Panel Discussion

11:00 a.m.  
Bivalirudin vs Heparin: Is the War Over?  
Eric R. Bates  
Ann Arbor, MI

11:10 a.m.  
Panel Discussion

11:15 a.m.  
The Ideal Fibrinolytic Regimen in Contemporary Practice  
Paul Wayne Armstrong  
Edmonton, Canada

11:25 a.m.  
Panel Discussion

11:30 a.m.  
Aspirin: Do We Really Know the Optimal Dose to Use?  
Marco Valgimigli  
Bern, Switzerland

11:40 a.m.  
Panel Discussion





11:45 a.m.

What's the Role of Platelet Function Testing in ACS?

Dominick J. Angiolillo  
Jacksonville, FL

11:55 a.m.

Panel Discussion

12:00 p.m.

Game-Changers in Adjunct Pharmacology for ACS : What's on the Horizon?

Kenneth W. Mahaffey  
Stanford, CA

12:10 p.m.

Panel Discussion

### Acute Coronary Syndromes - Maintenance of Certification

Session #826

Core Curriculum: The Faces of Ischemia

Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.

Room N426

CME Hours: 1.5 /CNE Hours: 0

Chair: Pamela S. Douglas

10:45 a.m.

Focus on Secondary Prevention

Margo B. Minissian  
Los Angeles, CA

11:10 a.m.

The Cases That Keep Me Awake at Night: Complications of MI

Saif Anwaruddin  
Philadelphia, PA

11:35 a.m.

The Best Approach to Assessment and Management of the Chest Pain Patient in the Emergency Department

Ezra A. Amsterdam  
Sacramento, CA

12:00 p.m.

Question and Answer

### Arrhythmias and Clinical EP - Scientific Session

Session #738

Electrophysiology Star Wars: What Does the Future Hold?

Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.

Room S501

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Samuel Asirvatham

Co-Chair: Debra Echt

10:45 a.m.

What Does the Future Hold for Devices? Technology and Biologics

Paul J. Wang

11:02 a.m.

Question and Answer

11:07 a.m.

What Does the Future Hold for AF Therapy? Genes and Drugs

Eugenio Cingolani  
Los Angeles, CA

11:24 a.m.

Question and Answer

11:29 a.m.

What Does the Future Hold for Interventional Treatment of AF and VT?

Douglas L. Packer  
Rochester, MN

11:46 a.m.

Question and Answer

11:51 a.m.

Best of Bench to Bedside From 2015: What Can the Clinician Expect in 2016?

Peng-Sheng Chen  
Indianapolis

12:08 p.m.

Question and Answer

### Congenital Heart Disease - Scientific Session

Session #739

My Pediatric CHD Patient Is Nearing Adulthood: Tackling Tough Topics

Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.

Room S403

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Ami B. Bhatt

Co-Chair: Nancy Rudd

10:45 a.m.

ACC-Talk: Timing of Transition: What Is Best for Patients, Parents and Providers?

Curt J. Daniels

11:00 a.m.

Guardianship: Helping Families Navigate Power of Health Care Decisions

Dorothy D. Pearson  
Boston, MA

11:12 a.m.

Birth Control and Pregnancy: What Your Female Patients Should Know

Carole A. Warnes  
Rochester, MN

11:24 a.m.

Reoperation for Young Adults: Perform This Surgery at Pediatric Hospital or Adult Hospital?

Michael J. Landzberg  
Boston, MA

11:36 a.m.

End of Life and Palliative Care: Addressing Difficult Decisions

Adrienne H. Kovacs  
Portland, OR



11:48 a.m.

The Good and Bad of My Transition to Adult Congenital Care: A Patient Perspective  
Maxwell Koth  
Kenosha, WI

Panel Discussion/Question and Answer

Panelist: Curt J. Daniels  
Panelist: Maxwell Koth  
Panelist: Adrienne H. Kovacs  
Panelist: Michael J. Landzberg  
Panelist: Dorothy D. Pearson  
Panelist: Carole A. Warnes

### **Congenital Heart Disease - Scientific Session**

#### **Session #740**

#### **IMPACT Radiation Risk Reduction Initiative - Risk Reduction in the Congenital Cath Lab - MOC Part IV**

**Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.**

**Room S105ab**

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

Co-Chair: Aimee K. Armstrong  
Co-Chair: Robert H. Beekman

10:45 a.m.

Reducing Radiation Exposure RRR Overview and Updates  
Aimee K. Armstrong

10:57 a.m.

Reducing Radiation Risk - Maintaining QI and Team Engagement  
Christopher J. Petit

11:09 a.m.

Center Update: Texas Children's Hospital Experience  
Henri Justino  
Houston, TX

11:21 a.m.

Center Report: The Cincinnati Experience  
Wendy Whiteside  
Cincinnati, OH

11:33 a.m.

Center Report: The Boston Experience  
Lisa Bergersen  
Boston, MA

11:45 a.m.

Is MRI the Answer? MRI Instead of Cardiac Cath  
Kanishka Ratnayaka  
San Diego, CA

11:57 a.m.

Panel Discussion/Question and Answer

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

#### **Session #521**

#### **6th Annual ACC China Chapter Session: Heart Failure Evaluation and Pharmacologic Therapy**

**Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.**

**Room N427ab**

**CME Hours: 1.5 /CNE Hours: 0**

Co-Chair: Dayi Hu  
Co-Chair: C. Michael Valentine

10:45 a.m.

Cardiovascular Risk Assessment: A Global Perspective  
Zhao Dong

11:05 a.m.

New Medical Treatment Strategies in Heart Failure  
Biykem Bozkurt  
Houston, TX

11:25 a.m.

Percutaneous Devices for the Treatment of LV Remodeling  
Cheuk-Man Yu  
Hong Kong, China

11:45 a.m.

Frequency and Predictors of Recovery and Relapse of Left Ventricular Systolic Dysfunction in Hospitalized Patients with Dilated Cardiomyopathy  
Jian Zhang  
Beijing, China

12:05 p.m.

Panel Discussion

Panelist: Biykem Bozkurt  
Panelist: Zhao Dong  
Panelist: Jian Zhang  
Panelist: Cheuk-Man Yu

### **Heart Failure and Cardiomyopathies - Scientific Session**

#### **Session #741**

#### **Managing Cardiogenic Shock - Drugs to ECMO**

**Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.**

**Room S401**

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

Co-Chair: John V. Conte  
Co-Chair: Robert Kormos  
Panelist: Rhondalyn Forde-McLean  
Panelist: John C. Gurley  
Panelist: KellyAnn Light-McGroary  
Panelist: Francis D. Pagani  
Panelist: Jeffrey Teuteberg

10:45 a.m.

Hemodynamic Monitoring and Drug Therapy for Cardiogenic Shock  
Rhondalyn Forde-McLean  
Philadelphia, PA

11:00 a.m.

Percutaneous Mechanical Support for Cardiogenic Shock  
John C. Gurley  
Lexington, KY



11:15 a.m.

ECMO as Salvage Therapy in Cardiogenic Shock

Francis D. Pagani

Ann Arbor, MI

11:30 a.m.

Determining Candidacy for DT VAD or Transplant in the Setting of Cardiogenic Shock

Jeffrey Teuteberg

Pittsburgh, PA

11:45 a.m.

A Bridge to No Where - Palliative Care for Those Who Will Not Survive

KellyAnn Light-McGroary

Iowa City, IA

12:00 p.m.

Panel Discussion: Strategies for the Management of Cardiogenic Shock

### Heart Failure and Cardiomyopathies - Scientific Session

#### Session #742

#### The Great Debate - Politically Correct Heart Failure

Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.

Room S406b

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Douglas D. Schocken

Co-Chair: Ronald Witteles

10:45 a.m.

Debate: 30 Day Readmission Is Metric for Quality - Pro

Farzad Mostashari

10:57 a.m.

Debate: 30 Day Readmission Is Metric for Quality - Con

Gregg C. Fonarow

Los Angeles, CA

11:09 a.m.

Rebuttal

11:12 a.m.

Rebuttal

11:15 a.m.

Debate: Anyone Can Treat Heart Failure - Pro

Joseph S. Alpert

Tucson, AZ

11:27 a.m.

Debate: Anyone Can Treat Heart Failure - Con

Maria Rosa Costanzo

Naperville, IL

11:39 a.m.

Rebuttal

11:42 a.m.

Rebuttal

11:45 a.m.

Debate: Implantable Hemodynamic Monitors Are a Must - Pro

Maya E. Guglin

Tampa, FL

11:57 a.m.

Debate: Implantable Hemodynamic Monitors Are a Must - Con

J. Thomas Heywood

La Jolla, CA

12:09 p.m.

Rebuttal

12:12 p.m.

Rebuttal

### Non Invasive Imaging - Scientific Session

#### Session #743

#### Cardiac Molecular Imaging

Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.

Room S503

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Victor A. Ferrari

Co-Chair: Albert J. Sinusas

10:45 a.m.

Echo Based Molecular Imaging Approaches

Flordeliza S. Villanueva

11:03 a.m.

MRI Based Molecular Imaging Approaches

David Sosnovik

Boston, MA

11:21 a.m.

Radionuclide Imaging-Based Approaches

Ahmed A. Tawakol

Wayland, MA

11:39 a.m.

Opportunities and Challenges for Cardiac Molecular Imaging

Albert J. Sinusas

New Haven, CT

12:07 p.m.

Question and Answer

### Prevention - Scientific Session

#### Session #744

#### Cholesterol Guidelines- Creating Harmony in a Land of Discord

Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.

Room S404

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Amit Khera

Co-Chair: Vijay Nambi

Panelist: Christie M. Ballantyne

Panelist: Christopher P. Cannon

Panelist: Brian A. Ference

Panelist: Terry A. Jacobson

Panelist: Thomas M. Maddox

Panelist: Neil J. Stone



10:45 a.m.

Pro- The Guidelines Got It Right- Statin Potency and Risk Groups Are All You Need to Know

Neil J. Stone  
Winnetka, IL

10:57 a.m.

Con- The Guidelines Got It Wrong- LDL and NHDL Targets Are Still Paramount

Terry A. Jacobson  
Atlanta, GA

11:09 a.m.

Harmonizing the ACC/AHA Guidelines With European and NLA Guidelines- A Practical Approach

Christie M. Ballantyne  
Houston, TX

11:21 a.m.

Implications of IMPROVE-IT and PCSK9 Inhibitors on Guideline Recommendations

Robert P. Giugliano  
Boston, MA

11:33 a.m.

LDL Lowering- Should We Focus on How Low or How Long to Treat?

Brian A. Ference  
Detroit, MI

11:45 a.m.

Cholesterol Management and PINNACLE- Moving From Patients to Populations

Thomas M. Maddox  
Denver, CO

11:57 a.m.

Panel Discussion

### Prevention - Scientific Session

#### Session #745

#### Debates in Hypertension - Making Sense of Current Controversies

Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.

Room S406a

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Michael H. Crawford

Co-Chair: Stacie L. Daugherty

10:45 a.m.

Debate: Is There Still a Role for Catheter-Based Renal Denervation in Patients With Resistant Hypertension? - Pro

Alexandros Briasoulis

10:55 a.m.

Debate: Is There Still a Role for Catheter-Based Renal Denervation in Patients With Resistant Hypertension? - Con

C. Venkata S. Ram  
Dallas, TX

11:05 a.m.

Question and Answer

11:15 a.m.

Is Sodium Restriction Beneficial for Blood Pressure and Cardiovascular Morbidity? - Pro

Paul Whelton  
New Orleans, LA

11:25 a.m.

Is Sodium Restriction Beneficial for Blood Pressure and Cardiovascular Morbidity? - Con

Suzanne Oparil  
Birmingham, AL

11:35 a.m.

Question and Answer

11:45 a.m.

Should Adults Over Age 60 Have Higher Blood Pressure Targets? - Pro

Kumar Dharmarajan  
New York, NY

11:55 a.m.

Should Adults Over Age 60 Have Higher Blood Pressure Targets? - Con

Jackson T. Wright  
Cleveland, OH

12:05 p.m.

Question and Answer

### Special Topics - Intensive

#### Session #61

#### Precision Medicine Intensive II

Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.

Grand Ballroom S100a

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Rhonda Cooper-DeHoff

Co-Chair: Douglas L. Mann

10:45 a.m.

Precision Medicine - Where Does the FDA Stand?

Robert M. Califf

11:05 a.m.

Question and Answer

11:05 a.m.

Facilitator

Robert M. Califf  
Silver Spring, MD

11:25 a.m.

VKORC1 and CYP2C9 Genotype Testing and Warfarin Dosing - Should We? And In Whom?

Edith A. Nutescu  
Chicago, IL

11:25 a.m.

A Case Based Discussion

Panelist: Larissa Cavallari

Panelist: Deepak Voora



### Special Topics - Symposium

#### Session #114

#### Cardiovascular Innovation and Translation I (ISCTR)

Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.

Room S505

CME Hours: 0 /CNE Hours: 0

Co-Chair: Robert O. Bonow

Co-Chair: Anthony N. DeMaria

10:45 a.m.

Welcome Statement

Anthony N. DeMaria

10:47 a.m.

Statement From President of ACC

Kim Allan Williams

Chicago, IL

10:52 a.m.

Glen Nelson and Marilyn Lifetime Achievement Award Video

10:54 a.m.

Presentation of the Glen and Marilyn Nelson Award for Innovation and Translational Research to 2016 Recipient Dr. Eugene Braunwald

Anthony N. DeMaria

San Diego, CA

10:55 a.m.

Keynote Speaker -The Path to an Angiotensin Receptor Antagonist-Neprilysin Inhibitor in the Treatment of Heart Failure: A Triumph of Academic-Industry Collaboration

Eugene Braunwald

Boston, MA

11:25 a.m.

Cardiovascular Translational Surgery: Past, Present, and Future

Magdi H. Yacoub

Harefield, Middlesex, United Kingdom

11:40 a.m.

Interventional Cardiology, Past, Present and Future

Spencer B. King

Atlanta, GA

11:55 a.m.

ISCTR/ACC Mission In CardiovascularTranslational Research

Nabil Dib

Gilbert, AZ

12:05 p.m.

Panel Discussion

### Special Topics - Scientific Session

#### Session #746

#### Piecing Together the MACRA Puzzle

Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.

Room S504

CME Hours: 1.5 /CNE Hours: 1.5

Chair: Linda D. Gillam

10:45 a.m.

The MACRA Path to Value: Opportunities under the Merit-Based Incentive Payment and Alternative Payment Models

Robert Furno

Chicago, IL

11:05 a.m.

Paying for Quality and Value: Developing the Alternative Payment Model Framework

Lewis Sandy

Minneapolis, MN

11:45 a.m.

Panel Discussion and Audience Question & Answer

Panelist: Robert Furno

Panelist: Lewis Sandy

### Special Topics - Scientific Session

#### Session #747

#### Conundrums in Cardiovascular Disease: Deciphering the Role of Race/Ethnicity — Joint Symposium of the Association of Black Cardiologists and the American College of Cardiology

Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.

Grand Ballroom S100bc

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Keith C. Ferdinand

Co-Chair: Robert L. Gillespie

Co-Chair: Jennifer H. Mieres

10:45 a.m.

Introduction to Session

Jennifer H. Mieres

10:47 a.m.

Introduction of Speakers

Robert L. Gillespie

San Diego, CA

10:47 a.m.

Introduction of Speakers

Jennifer H. Mieres

Lake Success, NY

10:50 a.m.

Debate: Race Matters in Diagnosis and Therapy for African Americans (Pro)

Michael R. Bristow

Aurora, CO

11:05 a.m.

Debate: Race Matters in Diagnosis and Therapy for African Americans (Con)

Ivor J. Benjamin

Milwaukee, WI

11:20 a.m.

Question and Answer

11:30 a.m.

From LPA to PCSK9: What Do We Know About African American Patients

Karol E. Watson

Los Angeles, CA





11:45 a.m.

Evidence-based Approaches to Hypertension in African Americans: What's Best and What's Not  
Kenneth A. Jamerson  
Ann Arbor, MI

12:00 p.m.

Question and Answer

12:10 p.m.

Closing Remarks  
Keith C. Ferdinand  
New Orleans, LA

### Special Topics - Oral Contributions

#### Session #916

**Young Investigator Awards Competition: Cardiovascular Health Outcomes and Population Genetics**

Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.

Room S502

CME Hours: 1.5 / CNE Hours: 1.5

Chair: David E. Lanfear

10:45 a.m.

Judge  
Paul S. Chan  
Kansas City, MO

10:45 a.m.

Judge  
John A. Spertus  
Kansas City, MO

10:45 a.m.

CPR at the State Fair: A 10-Minute Training Session Is Effective in Teaching Bystander CPR to Members of At-Risk Communities  
Lorrel Brown, Wendy Bottinor, Travis Carroll, Glenn Hirsch, University of Louisville School of Medicine, Louisville, KY, USA

11:00 a.m.

Gender Disparities in ST-Elevation Myocardial Infarction Care and Outcomes in Emerging Countries: A Global Lumen Organization for Women (GLOW) Initiative and Call to Action

Hyon Jae Lee, Alexandra Lansky, Sameer Mehta, Ido Haimi, Roopa Salwan, Robaayah Zambahari, Yundai Chen, Faisal Hassan, Helen Parise, Malik Fasila, Anna Kontsevaya, Tan Huay Cheem, Andreas Baumbach, Christopher Granger, Cindy Grines, Alice Jacobs, Damras Tresukosol, Sunarya Soerianata, Timothy Dy, Yale New Haven Hospital, New Haven, CT, USA

11:15 a.m.

The Adolescent Athlete's Heart According to 3 International Criteria: Which Is Best and for Which Ethnicity?

Aneil Malhotra, Harshil Dhutia, Rajit Khosla, Tee Joo Yeo, Rajay Narain, Mark Cassar, Kyle Conley, Charlotte Brathwaite Shirley, Grant Nolan, Hugo Layard-Horsfall, Keerthi Prakash, Maite Tome, Michael Papadakis, Sanjay Sharma, St. George's University of London, London, United Kingdom

11:30 a.m.

The Impact of Incident Atrial Fibrillation in the Intensive Care Unit  
Travis J. Moss, Caroline Ruminski, Douglas E. Lake, J. Forrest Calland, Kyle B. Enfield, J Randall Moorman, University of Virginia School of Medicine, Charlottesville, VA, USA

11:45 a.m.

Sex Differences in Abdominal Aortic Aneurysm Expansion  
Zi Ye, Erin Austin, Daniel Schaid, Iftikhar Kullo, Mayo Clinic, Rochester, MN, USA

### Valvular Heart Disease - International Session

#### Session #522

**Interventions for Valvular Heart Disease: International Perspectives From the Egyptian Society of Cardiology, Hong Kong College of Cardiology, and American College of Cardiology**

Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.

Room N427cd

CME Hours: 1.5 / CNE Hours: 0

Co-Chair: William A. Zoghbi

Co-Chair: Adel M. El Etriby

Co-Chair: Shu Kin Li Kong

10:45 a.m.

Introduction to Session  
William A. Zoghbi

10:50 a.m.

Management of Multivalvular Heart Disease  
Hamdy Soliman  
Cairo, Egypt

11:01 a.m.

The Status of Balloon Mitral Valvuloplasty  
Mohamed Sobhy Aly  
Alexandria, Egypt

11:12 a.m.

Tricuspid Interventions: The New Frontier  
Rebecca T. Hahn  
New York, NY

11:23 a.m.

Mitralclip for Severe Mitral Regurgitation: Hong Kong Perspective  
Kwok-Yiu Wong  
Hong Kong, Hong Kong

11:34 a.m.

Percutaneous Treatment of AS With Severe Left Ventricular Dysfunction  
Kam-Tim Chan  
Kowloon, Hong Kong

11:45 a.m.

Discussion



### Valvular Heart Disease - Scientific Session

#### Session #748

#### Bicuspid Aortic Valve +/- Aortopathy: Diagnosis, Surveillance, Treatment Update

Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.

Room S405

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Kim A. Eagle

Co-Chair: Julius M. Gardin

Panelist: Gordon Huggins

Panelist: Anthony D. Caffarelli

Panelist: William J. Stewart

10:45 a.m.

Is It Really Bicuspid - and Does Phenotype Matter? Imaging (ECHO, CT, CMR) & Guidelines (ACC, ESC)

Arturo Evangelista

Barcelona, Spain

10:56 a.m.

What We Know/Don't Know About Genetics of BAV +/- Aortopathy (Size Index Does Matter)

Dianna M. Milewicz

Houston, TX

11:07 a.m.

Discussion

11:18 a.m.

Are You Crazy - Repair a Bicuspid AV With AR? Evolving Options

Joseph E. Bavaria

Philadelphia, PA

11:29 a.m.

Discussion

11:40 a.m.

'Asymptomatic' BAV AS, Orifice ~ 1, MG Low-Mid 30's, Mod Dil Asc Ao, Early 50's yo f: What Would You Do?

Amy E. Simone

Atlanta, GA

11:51 a.m.

Symptomatic BAV AS < 1.0 Orifice, >50 MG, Mod Dil Asc Ao, Early to Mid 80's yo m w COPD - SAVR or TAVR?

Darren Mylotte

Dublin 2, Ireland

12:02 p.m.

Discussion

### Vascular Medicine - Scientific Session

#### Session #749

#### Critical Limb Ischemia: A Monumental Challenge on Which We Are Gaining Ground One Step at a Time

Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.

Room S101

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Michael S. Conte

Co-Chair: Michael R. Jaff

10:45 a.m.

ACC-Talk: CLI in Perspective: Scope, Assessment, Treatment, Prognosis

Michael R. Jaff

11:00 a.m.

Debate: Who Needs BEST-CLI When We Know That Endovascular-First Is the Way to Go!

Mehdi H. Shishehbor

Cleveland, OH

11:12 a.m.

Debate: BEST-CLI Will Demonstrate That CLI Favors Surgical Therapy

Michael S. Conte

San Francisco, CA

11:24 a.m.

Do Drug-Coated Balloons Improve CLI Outcomes?

Francesco Liistro

Milan, Italy

11:36 a.m.

Life After CLI: Regaining Ambulation Requires a Team

Mary M. McDermott

Chicago, IL

11:48 a.m.

"...Hide It Under a Dressing!" Top 3 Tips for CLI Wound-Care to Defy a Stereotype Punchline

David G. Armstrong

Tucson, AZ

12:00 p.m.

Panel Discussion

Panelist: David G. Armstrong

Panelist: Michael S. Conte

Panelist: Michael R. Jaff

Panelist: Francesco Liistro

Panelist: Mary M. McDermott

Panelist: Mehdi H. Shishehbor

### Valvular Heart Disease - Special Session

#### Session #6009

#### Simulation Session III: Valvular Heart Disease

Monday, April 4, 2016, 11:15 a.m. - 12:30 p.m.

Engage@ACC.16 Studio (Expo, #6098)

CME Hours: 0 /CNE Hours: 0

Co-Chair: Michael W. Cullen

Co-Chair: Scott M. Lilly

11:15 a.m.

Simulation Faculty

Blase A. Carabello

11:15 a.m.

Simulation Faculty

Rick A. Nishimura

Rochester, MN



### Non-Certified Industry Events - Learning Destinations

#### Session #4323

##### Why Patients Go Online and What You Can Do About It

Monday, April 4, 2016, 11:15 a.m. - 11:45 a.m.

Expo Hall 24035

CME Hours: 0 /CNE Hours: 0

11:15 a.m.

Why Patients Go Online and What You Can Do About It

Mellanie True Hills

Greenwood, TX

### Non-Certified Industry Events - Learning Destinations

#### Session #4008

##### Updates in Anticoagulation

Monday, April 4, 2016, 11:30 a.m. - 12:30 p.m.

Expo Hall 24100

CME Hours: 0 /CNE Hours: 0

11:30 a.m.

Updates in Anticoagulation

Alan K. Jacobson

Loma Linda, CA

### Non-Certified Industry Events - Learning Destinations

#### Session #4016

##### Moving Forward in Anticoagulation Care with the Availability of a Reversal Agent

Monday, April 4, 2016, 11:30 a.m. - 12:30 p.m.

Expo Hall 25078

CME Hours: 0 /CNE Hours: 0

11:30 a.m.

Moving Forward in Anticoagulation Care with the Availability of a Reversal Agent

Todd C. Villines

Rockville, MD

11:30 a.m.

Moving Forward in Anticoagulation Care with the Availability of a Reversal Agent

Timothy D. Woods

Springfield, MO

### Non-Certified Industry Events - Learning Destinations

#### Session #4324

##### The Impact of Cardiac Health and Sudden Cardiac Survival in Sports, a TEAM Approach

Monday, April 4, 2016, 12 p.m. - 12:30 p.m.

Expo Hall 24035

CME Hours: 0 /CNE Hours: 0

12:00 p.m.

The Impact of Cardiac Health and Sudden Cardiac Survival in Sports, a TEAM Approach

George T. Chiampas

Chicago, IL

### ACC.i2 Interventional Cardiology - Maintenance of Certification

#### Session #827

##### Study Session for Maintenance of Certification: ACC Interventional Cardiology Module 8

Monday, April 4, 2016, 12:15 p.m. - 2:45 p.m.

Room S105ab

CME Hours: 2.5 /CNE Hours: 0

Chair: Anjan K. Sinha

MOC Faculty: Saibal Kar

MOC Faculty: Gautam Kumar

### ACC.i2 Interventional Cardiology - Maintenance of Certification

#### Session #828

##### Study Session for Maintenance of Certification: ACC Interventional Cardiology Module 7

Monday, April 4, 2016, 12:15 p.m. - 2:45 p.m.

Room S105cd

CME Hours: 2.5 /CNE Hours: 0

Chair: Paul Sorajja

MOC Faculty: Mackram F. Eleid

MOC Faculty: Anthony Hilliard

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #310

##### Fellows Bootcamp: Coronary Disease Management

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Room S103ab

CME Hours: 1.25 /CNE Hours: 0

Co-Chair: Robert J. Applegate

Co-Chair: Manish A. Parikh

12:30 p.m.

PCI Versus CABG: How to Choose

Manish A. Parikh

12:43 p.m.

Complex Stenting: UPLM/Bifurcation Disease

David E. Kandzari

Atlanta, GA

12:56 p.m.

CTO

James Aaron Grantham

Kansas City, MO

1:09 p.m.

Transradial Intervention

Sunil V. Rao

Durham, NC

1:21 p.m.

STEMI

James E. Tcheng

Durham, NC

1:33 p.m.

Complications

Jeffrey W. Moses

New York, NY



### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #750

#### Endovascular Management of Critical Limb Ischemia

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Room S101

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: J. Dawn Abbott

Co-Chair: John R. Laird

12:30 p.m.

What Do Registries Tell Us About CLI Today?

Alan T. Hirsch

12:42 p.m.

Getting There, Pedal Access for CLI Intervention

Peter Soukas

Providence, RI

12:51 p.m.

Ultimate Goal: Angiosome Targeted, Complete or Simplest Approach to CLI

Larry J. Diaz

Grand Rapids, MI

1:03 p.m.

Technology: Debulking, DEB and DES in Infrapopliteal Intervention

John R. Laird

El Macero, CA

1:15 p.m.

Case Based Review of Complication Management in CLI Intervention

Andrew J. Klein

Saint Louis, MO

1:27 p.m.

Optimal Antithrombotic and Antiplatelet Therapies in Lower Extremity Intervention

W. Schuyler Jones

Chapel Hill, NC

1:36 p.m.

Question and Answer

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #751

#### New Payment Models: What Does This Mean for Interventional Cardiology

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Room S102

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Paul N. Casale

Co-Chair: Karen Joynt

12:30 p.m.

Specialty Designation for Interventional Cardiology: What Does It Really Mean?

James C. Blankenship

12:42 p.m.

Goodbye SGR, Hello MACRA

Karen Joynt

Boston, MA

12:54 p.m.

Tips on MIPS: The Merit Based Incentive Program

Thomas M. Maddox

Denver, CO

1:06 p.m.

ACO Versus Traditional FFS

William Borden

Washington, DC

1:18 p.m.

Bundled Payment for PCI

Kirk N. Garratt

New York, NY

1:30 p.m.

Question and Answer

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #753

#### Imaging for Left Atrial Appendage and Paravalvular Leak Closure

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Room S104

CME Hours: 1.25 /CNE Hours: 0

Co-Chair: Muhamed Saric

Co-Chair: Brian K. Whisenant

Panelist: Samir R. Kapadia

Panelist: Charanjit S. Rihal

12:30 p.m.

The Importance of Intra-Procedural Imaging: The Interventionalists' Perspective

John D. Carroll

Aurora, CO

12:38 p.m.

Guidance of the Trans-Septal Puncture: Translating Anatomy to Imaging

Samir R. Kapadia

Cleveland, OH

12:46 p.m.

Case Presentation: LAA Closure Gone Wrong

David R. Holmes

Rochester, MN

12:51 p.m.

The Watchman Device: Intra-Procedural Imaging Pearls

Muhamed Saric

New York, NY

12:59 p.m.

New Transcatheter Devices for LAA Closure

Ole De Backer

Denmark

1:07 p.m.

Case Presentation: Challenging PVL Closure

Sunil V. Mankad

Rochester, MN



1:12 p.m.

Paravalvular Leak Closure: What Are We Treating and Is It Effective?

Charanjit S. Rihal  
Rochester, MN

1:20 p.m.

Intra-Procedural Imaging Guidance for PVL Closure

Itzhak Kronzon  
New York, NY

1:28 p.m.

The Future of Imaging for PVL Closure

Carlos E. Ruiz  
New York, NY

1:36 p.m.

Panel Discussion

### ACC.i2 Interventional Cardiology - Moderated Poster Contributions Session #1287M

#### ACC.i2 Coronary Intervention: Evidence to Practice

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

ACC.i2 Interventional Cardiology Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m.

Pathology of Left Main Atherosclerosis: Implications for Percutaneous Coronary Interventions

Emanuel Harari, Fumiyuki Otsuka, Kazuyuki Yahagi, Christoph Lutter, Hiroyoshi Mori, Tobias Koppa, Maria Romero, Frank Kolodgie, Elena Ladich, Michael Joner, Renu Virmani, CVPath Institute, Inc, Gaithersburg, MD, USA

12:40 p.m.

Question and Answer

12:45 p.m.

Dual Anti-Platelet Therapy Is Not Superior to Aspirin Alone After Coronary Artery Bypass in Diabetic Patients With Multi-Vessel Disease: Insights From the Freedom Trial

Sean Van Diepen, Valentin Fuster, Subodh Verma, Taye H. Hamza, F. Sandra Siami, Shaun Goodman, Michael Farkouh, University of Toronto, Toronto, Canada

12:55 p.m.

Question and Answer

1:00 p.m.

Individual Long-Term Mortality Prediction Following Either Coronary Stenting or Bypass Surgery in Patients With Multivessel and/or Unprotected Left-Main Disease: An External Validation of the Syntax Score II Model in the 1480

Patients of Best and Precombat Randomized Controlled Trials

Yohei Sotomi, Raphael Calvante, Klaveren David, Ahn Jung-Min, Lee Cheol W., Yoshinobu Onuma, Park Seung-Jung, Patrick Serruys, Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands

1:10 p.m.

Question and Answer

1:15 p.m.

Temporal Trends in Utilization of Fractional Flow Reserve for Patients With Stable Coronary Artery Disease in the United States

Sahil Khera, Dhaval Kolte, Tanush Gupta, Wilbert Aronow, Kathir

Subramanian, Neel Khanna, Howard Cooper, Robert Timmermans, Diwakar Jain, Gregg Fonarow, Deepak Bhatt, Julio Panza, New York Medical College, Valhalla, NY, USA

1:25 p.m.

Question and Answer

1:30 p.m.

Influence of Lesion Location on the Diagnostic Accuracy of Adenosine-Free Coronary Pressure Wire Measurements: the CONTRAST (Can Contrast Injection Better Approximate FFR Compared to Pure Resting Physiology?) Substudy

Yuhei Kobayashi, Nils Johnson, Colin Berry, Bernard De Bruyne, K. Lance Gould, Allen Jeremias, Keith Oldroyd, Nico Pijls, William Fearon, on behalf of the CONTRAST study investigators, Stanford University Medical Center, Stanford, CA, USA, Stanford Cardiovascular Institute, Stanford, CA, USA

1:40 p.m.

Question and Answer

ACC Poster Moderator: Dominick J. Angiolillo

ACC Poster Moderator: Khaled M. Ziada

### Acute Coronary Syndromes - Scientific Session Session #754

#### Practice Patterns and Challenges in the Management of ST Elevation Infarction Across the Globe

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Room S402

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Eric R. Bates

Co-Chair: James G. Jollis

Panelist: Thomas Alexander

Panelist: Anthony Gershlick Kingdom

Panelist: James G. Jollis

Panelist: Gilles Montalescot

12:30 p.m.

Systems of Care and Challenges to the Treatment of ST Elevation Infarction in the United States

James G. Jollis

Durham, NC

12:38 p.m.

Systems of Care and Challenges to the Treatment of ST Elevation Infarction in the United Kingdom

Anthony Gershlick

Leicester LE3 9QP, United Kingdom

12:46 p.m.

Systems of Care and Challenges to the Treatment of ST Elevation Infarction in India

Thomas Alexander

Coimbatore, India

12:54 p.m.

Systems of Care and Challenges to the Treatment of ST Elevation Infarction in France

Gilles Montalescot

Paris, France





1:02 p.m.

Systems of Care and Challenges to the Treatment of ST Elevation Infarction in Brazil

Jose C. Nicolau  
Sao Paulo-Sp, Brazil

1:10 p.m.

Systems of Care and Challenges to the Treatment of ST Elevation Infarction in Canada

Harindra C. Wijeyesundera  
Toronto, Canada

1:18 p.m.

Systems of Care and Challenges to the Treatment of ST Elevation Infarction in New Zealand and Australia

Harvey D. White  
Auckland 1142, New Zealand

1:26 p.m.

Systems of Care and Challenges to the Treatment of ST Elevation Infarction in Japan

Shinya Goto  
Isehara, Kanagawa 259-1143, Japan

1:34 p.m.

Panel Discussion

### Acute Coronary Syndromes - Moderated Poster Contributions Session #1283M

**We're Not All Doing It the Same: Variations in ACS Management**  
Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Acute Coronary Syndromes Moderated Poster Theater, Poster Area,  
South Hall A1

CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m.

Hospital-Level Variation in the Use of Early Catheterization for Patients With Non-ST Elevation Myocardial Infarction: Insights From the NCDR ACTION Registry-GWTG

Carolina Malta Hansen, Tracy Wang, Anita Chen, Karen Chiswell, Deepak Bhatt, Jonathan Enriquez, Timothy Henry, Matthew Roe, Duke Clinical Research Institute, Durham, NC, USA

12:40 p.m.

Question and Answer

12:45 p.m.

Intensive Care Unit Among Medicare Patients With Non-ST-Segment Elevation Myocardial Infarction

Alexander C. Fanaroff, Eric Peterson, Anita Chen, Laine Thomas, Jacob Doll, Christopher Fordyce, L. Kristin Newby, Mikhail Kosiborod, Ezra Amsterdam, James de Lemos, Tracy Wang, Duke Clinical Research Institute, Durham, NC, USA

12:55 p.m.

Question and Answer

1:00 p.m.

Temporal Trends and Operator Variation in Anticoagulant Use During Percutaneous Coronary Intervention for Patients With Acute Myocardial Infarction in the United States

Eric Alexander Secemsky, Ajay Kirtane, Sripal Bangalore, Enrico Ferro, Neil Wimmer, Matthew Roe, Dadi (David) Dai, Laura Mauri, Robert Yeh, Massachusetts General Hospital, Boston, MA, USA

1:10 p.m.

Question and Answer

1:15 p.m.

Hospital Performance for Acute Myocardial Infarction With the NCDR ACTION Registry-GWTG "All-or-None Composite Measure": More Opportunities for Improvement

Nihar Desai, Yongfei Wang, Frederick Masoudi, James de Lemos, Abhinav Goyal, Howard Julien, Kumar Dharmarajan, Erica Spatz, Jay Udell, Deepak Bhatt, John Rumsfeld, Jephtha Curtis, Yale School of Medicine, New Haven, CT, USA

1:25 p.m.

Question and Answer

1:30 p.m.

Trends in Cardiac Biomarker Protocols and Troponin Cut-Points

Brian Hachey, Michael Kontos, L. Kristin Newby, W. Frank Peacock, James McCord, Henry Ford Hospital, Detroit, MI, USA

1:40 p.m.

Question and Answer

ACC Poster Moderator: Frederick A. Masoudi

ACC Poster Moderator: Bimal R. Shah

### Arrhythmias and Clinical EP - International Session Session #523

**Pathophysiology and Management of Atrial Fibrillation: International Perspectives From the German Cardiac Society, National Heart Association of Malaysia, and American College of Cardiology**

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Room N427ab

CME Hours: 1.25 /CNE Hours: 0

Co-Chair: Richard J. Kovacs

Co-Chair: Gerd Heusch

Co-Chair: Rosli Mohd Ali

12:30 p.m.

Introduction to Session

Richard J. Kovacs

12:35 p.m.

Rotors and Their Involvement in Maintaining Atrial Fibrillation

Karl-Heinz Kuck  
Hamburg, Germany

12:46 p.m.

Can the Progression of Atrial Fibrillation Be Stopped by AF Catheter Ablation?

Gerhard Hindricks  
Leipzig, Germany

12:57 p.m.

Experience With LAA Occluder for Nonvalvular AF

Razali Omar  
Kuala Lumpur, Malaysia



1:08 p.m.

NOAC in Asia Pacific Patients for Non-Valvular AF: Are There Differences?  
Ma Soot Keng  
Kuala Lumpur, Malaysia

1:19 p.m.

Discussion

### Arrhythmias and Clinical EP - Scientific Session

#### Session #755

##### Update on CIED Management

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Room S501

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Yong-Mei Cha  
Co-Chair: Melanie Maytin

12:30 p.m.

Leadless Pacemakers: Who Is Ready for Implantation Tomorrow?  
Vivek Yerrapu Reddy

12:45 p.m.

When and How to Do an MRI in a Patient With a CIED  
Saman Nazarian  
Baltimore, MD

1:00 p.m.

How to Diagnose and Manage Device Infection  
Jude Clancy  
Guilford, CT

1:15 p.m.

How Often and Who Needs Remote Follow-Up?  
Joseph Akar  
New Haven, CT

1:30 p.m.

Can the NCDR Drive Quality Improvement in EP?  
Andrea M. Russo  
Moorestown, NJ

### Arrhythmias and Clinical EP - Moderated Poster Contributions

#### Session #1292M

##### New Research in Atrial Fibrillation

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Arrhythmias and Clinical EP Moderated Poster Theater, Poster Area,  
South Hall A1

CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m.

Temporal Relationship Between Episodes of Atrial Fibrillation and Incident Stroke in Patients With an Implantable Cardiac Device  
Madhu Reddy, Moustapha Atoui, Rajarajeswari Swarna, Mamatha Vodapally, Maruthsakhil Molugu, Quratulain Javed, Anirudh Gone, Karthik Gangu, Ravali Neerumalla, Sudharani Bommana, Sandia Iskandar, Mohit Turagam, Madhav Lavu, Donita Atkins, Luigi Di Biase, Andrea Natale, Dhanunjaya Lakkireddy, University of Kansas Medical Center, Kansas City, KS, USA

12:40 p.m.

Question and Answer

12:45 p.m.

Physical Activity and Major Adverse Events in Patients With Atrial Fibrillation: A Report From the EURObservational Research Programme Pilot Survey on Atrial Fibrillation (EORP-AF) General Registry  
Marco Proietti, Giuseppe Boriani, Cécile Laroche, Igor Diemberger, Mircea I. Popescu, Lars Hvilsted Rasmussen, Gianfranco Sinagra, Georghe-Andrei Dan, Aldo P. Maggioni, Luigi Tavazzi, Deirdre A. Lane, Gregory Lip, EURObservational Research Programme, Institute of Cardiovascular Sciences, University of Birmingham, Birmingham, United Kingdom, Department of Internal Medicine and Medical Specialties, Rome, Italy

12:55 p.m.

Question and Answer

1:00 p.m.

Role of Prophylactic Magnesium Supplementation in Prevention of Postoperative Atrial Fibrillation in Patients Undergoing Coronary Artery Bypass Grafting: A Meta-Analysis of 23 Randomized Controlled Trials  
Jalaj Garg, Rahul Chaudhary, Parasuram Krishnamoorthy, Neeraj Shah, Abhishek Sharma, Babak Bozorgnia, Lehigh Valley Health Network, Allentown, PA, USA

1:10 p.m.

Question and Answer

1:15 p.m.

The Impact of Atrial Fibrillation on Exercise Capacity and Mortality in Heart Failure With Preserved Ejection Fraction: Insights From Cardiopulmonary Stress Testing  
Mohamed Badreldin Elshazly, Yuping Wu, Walid Saliba, Oussama Wazni, Leslie Cho, Cleveland Clinic, Cleveland, OH, USA

1:25 p.m.

Question and Answer

1:30 p.m.

Apixaban Versus Warfarin for Patients With Recent Onset Atrial Fibrillation: Insights From the ARISTOTLE Trial  
Patricia Guimaraes, John Alexander, Daniel Wojdyla, Laine Thomas, Marco Alings, Greg Flaker, Sana Al-Khatib, Michael Hanna, Lars Wallentin, Christopher Granger, Renato Lopes, Duke Clinical Research Institute, Durham, NC, USA

1:40 p.m.

Question and Answer

ACC Poster Moderator: Gaurav A. Upadhyay

ACC Poster Moderator: Jeanne E. Poole

### Congenital Heart Disease - Moderated Poster Contributions

#### Session #1288M

##### Pushing the Envelope in Pediatric Interventional Cardiology

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Congenital Heart Disease Moderated Poster Theater, Poster Area,  
South Hall A1

CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m.

Endovascular De-Banding of Pulmonary Arteries in a Swine Model  
Michael Perez, TK Susheel Kumar, Mario Briceno-Medina, Yada Akkhwattanangkul, Kimberly Allen, Christopher Knott-Craig, Benjamin



Waller, Shyam Sathanandam, University of Tennessee Health Science Center, Memphis, TN, USA, Le Bonheur Children's Hospital, Memphis, TN, USA

12:40 p.m.

Question and Answer

12:45 p.m.

Stent Unzipping Using Ultra High Pressure Balloon: In Vitro, and Animal Experiment

Kazuto Fujimoto, Takanari Fujii, Yoshihito Hata, Suguru Tarui, Yoshinori Miyahara, Kozo Ishino, Hideshi Tomita, Cardiovascular Center, Showa University, Northern Yokohama Hospital, Yokohama, Japan

12:55 p.m.

Question and Answer

1:00 p.m.

Fetal Aortic Valvuloplasty Improves Likelihood of Biventricular Outcome in Live Born Infants

Max E. Godfrey, Kevin Friedman, Lindsay Freud, Monika Drogosz, Louise Wilkins-Haug, Carol Benson, James Lock, Audrey Marshall, Wayne Tworetzky, Boston Children's Hospital, Boston, MA, USA, Brigham and Women's Hospital, Boston, MA, USA

1:10 p.m.

Question and Answer

1:15 p.m.

Early Closure of Atrial Septal Defect Improves Clinical Symptoms by Ameliorating Underlying Pulmonary Abnormalities in Young Children  
Takeshi Tsuda, Ryan Davies, Wolfgang Radtke, Christian Pizarro, Abdul M. Bhat, Nemours/Alfred I. duPont Hospital for Children, Wilmington, DE, USA

1:25 p.m.

Question and Answer

1:30 p.m.

Outcomes and Risk Factors for Re-Intervention in Children Undergoing Right Ventricle Decompression for Pulmonary Atresia Intact Ventricular Septum: Results From a Multi-Center Collaborative

Christopher J. Petit, Andrew Glatz, Athar Qureshi, Shiraz Maskatia, Ritu Sachdeva, George Nicholson, Namrita Mozumdar, Henri Justino, Wendy Whiteside, Lindsay Rogers, David Goldberg, Courtney McCracken, Michael Kelleman, Bryan Goldstein, Emory University School of Medicine, Atlanta, GA, USA

1:40 p.m.

Question and Answer

ACC Poster Moderator: Brent M. Gordon

ACC Poster Moderator: Joshua Kanter

### Heart Failure and Cardiomyopathies - Scientific Session Session #756

#### HFpEF - Are We Making Any Progress?

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Room S401

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Thomas H. Marwick

Co-Chair: Margaret M. Redfield

12:30 p.m.

HFpEF - How to Diagnose in 2016?

Marco Guazzi

12:42 p.m.

HFpEF - Is It Really as Common as We Think?

Kumar Dharmarajan

New York, NY

12:54 p.m.

HFpEF Myocardial Mechanisms - Emerging Targets?

Mathew S. Maurer

New York, NY

1:06 p.m.

Peripheral Vascular Mechanisms Underlying HFpEF -

Julio Chirinos Medina

Marcus Hook, PA

1:18 p.m.

LVADs and Other Devices for HFpEF?

Sanjiv Jayendra Shah

Chicago, IL

1:30 p.m.

Question and Answer

### Heart Failure and Cardiomyopathies - Scientific Session Session #757

#### The Pregnant Heart: What You Need to Know

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Room S406b

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Uri Elkayam

Co-Chair: Carole A. Warnes

12:30 p.m.

Physiologic Changes in Pregnancy

Jennifer Haythe

12:40 p.m.

Question and Answer

12:42 p.m.

Peripartum Cardiomyopathy: Challenges in Diagnosis and Management

James D. Fett

Lacey, WA

12:52 p.m.

Question and Answer

12:54 p.m.

PPCM and Risk of Subsequent Pregnancy - Does Recovery Matter?

Flora Sam

Bostob, MA

1:04 p.m.

Question and Answer



1:06 p.m.

Pregnancy in Patients With Pre-Existing Cardiomyopathies  
Anna Herrey  
London, United Kingdom

1:16 p.m.

Question and Answer

1:18 p.m.

PAH and pregnancy: What Are the Risks?  
Paul Forfia  
Philadelphia, PA

1:28 p.m.

Question and Answer

1:30 p.m.

Cardiac Emergencies During Pregnancy  
Athena Poppas  
Providence, RI

1:40 p.m.

Question and Answer

### Heart Failure and Cardiomyopathies - Moderated Poster Contributions Session #1285M

#### Heart Failure: These Stubborn Re-Admissions

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Heart Failure and Cardiomyopathies Moderated Poster Theater,  
Poster Area, South Hall A1  
CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m.

Cost Analysis of Heart Failure Readmission Intervention Program  
Timothy Welch, Kenneth Bilchick, Nita Reigle, Jamie Kennedy, Brian Lawlor,  
James Bergin, Mohammad Abuannadi, Kenneth Scully, S. Craig Thomas, Sula  
Mazimba, University of Virginia, Charlottesville, VA, USA

12:40 p.m.

Question and Answer

12:45 p.m.

High Center Volume Is Associated With Lower In-Hospital Mortality in Heart  
Failure Patients: A New York State Wide Analysis of 300,000 Admissions  
Shivank Madan, Daniel Sims, Omar Saeed, Snehal Patel, Jooyoung Shin,  
Sandhya Murthy, Ileana Pina, Mario Garcia, Ulrich Jorde, Albert Einstein  
College of Medicine/Motefiore Medical Center, New York, NY, USA

12:55 p.m.

Question and Answer

1:00 p.m.

Impact on Readmissions and Mortality of Heart Failure Readmission  
Intervention Program  
Sula Mazimba, Nita Reigle, Timothy Welch, Jamie Kennedy, Bryan Lawlor,  
James Bergin, Mohammad Abuannadi, Kenneth W. Scully, S. Craig Thomas,  
Kenneth Bilchick, University of Virginia, Charlottesville, VA, USA

1:10 p.m.

Question and Answer

1:15 p.m.

Predicting Heart Failure Events With Home Monitoring: Use of a Novel,  
Wearable Necklace to Measure Stroke Volume, Cardiac Output and Thoracic  
Impedance  
Raj M. Khandwalla, Kade Birkeland, Raymond Zimmer, Matthew Banet, Susan  
Pede, Ilan Kedan, Cedars-Sinai Medical Center, Beverly Hills, CA, USA,  
toSense Inc, La Jolla, CA, USA

1:25 p.m.

Question and Answer

1:30 p.m.

In Hospital Use of Non-Steroidal Anti-Inflammatory Agents in Patients With a  
Principal Diagnosis of Heart Failure Is Associated With Increased Length of  
Stay and 30-Day Readmission Rate  
Paulino Alvarez, David Putney, Richard Ogunti, Stephen Wong, Mamta  
Puppala, Robert Schutt, Jerry Estep, Houston Methodist Hospital, Houston,  
TX, USA

1:40 p.m.

Question and Answer

ACC Poster Moderator: Sarah J. Goodlin  
ACC Poster Moderator: Wayne C. Levy

### Non Invasive Imaging - Scientific Session Session #758

#### The Right Imaging Test in the Right Patient at the Right Time: A Case-Based Approach

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Room S503  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Sondra M. DePalma

Co-Chair: Leslee J. Shaw

Panelist: Brian G. Abbott

Panelist: Manuel D. Cerqueira

Panelist: Dipan J. Shah

12:30 p.m.

Acute Onset of Heart Failure  
Nima Aghili  
Boston, MA

12:43 p.m.

Panel Discussion

12:48 p.m.

Symptomatic Valvular Disease  
Dorothy D. Pearson  
Boston, MA

1:01 p.m.

Panel Discussion

1:06 p.m.

Preoperative CAD Assessment in a Patient Undergoing Bariatric Surgery With  
an Abnormal Electrocardiogram  
Eric J. Chan  
Hershey, PA

1:19 p.m.

Panel Discussion



1:24 p.m.

Asymptomatic Person With Multiple Cardiovascular Risk Factors

Eileen M. Handberg  
Gainesville, FL

1:37 p.m.

Panel Discussion

### Non Invasive Imaging - Moderated Poster Contributions

#### Session #1290M

##### Atrial and Ventricular Strain: Diagnostic and Prognostic Roles

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Non Invasive Imaging Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m.

Differences in Left Ventricular Global Longitudinal Strain Assessed by Two-Dimensional and Three-Dimensional Speckle Tracking Echocardiography: The Coronary Artery Risk Development in Young Adults (CARDIA) Study  
Henrique Turin Moreira, Chike Nwabuo, Guilherme Yared, Vasconcellos D. Henrique, Anderson Armstrong, Satoru Kishi, Bharath Ambale Venkatesh, Cora Lewis, Pamela Schreiner, Stephen Sidney, Donald Lloyd-Jones, Samuel Gidding, Joao Lima, Johns Hopkins University, Baltimore, MD, USA

12:40 p.m.

Question and Answer

12:45 p.m.

Normal Ranges of Left Atrial Strain by Speckle Tracking Echocardiography: A Systematic Review and Meta-Analysis of 1,789 Healthy Subjects  
Faraz Pathan, Nicholas D'Elia, Mark Nolan, Thomas Marwick, Kazuaki Negishi, The Menzies Institute for Medical Research, Hobart, Australia

12:55 p.m.

Question and Answer

1:00 p.m.

Depressed Right Ventricular Longitudinal Strain Is Negatively Prognostic After Adjusting for Traditional Risk Factors After Heart Transplantation  
Amr F. Barakat, Brett Sperry, Zoran Popovic, Brian Griffin, Randall Starling, Milind Desai, Cleveland Clinic Foundation, Cleveland, OH, USA

1:10 p.m.

Question and Answer

1:15 p.m.

Global Longitudinal Strain by Echocardiography Predicts Long Term Risk of Cardiovascular Morbidity and Mortality in a Low Risk General Population: The Copenhagen City Heart Study

Tor Biering-Sorensen, Sofie R. Biering-Sørensen, Flemming Javier Olsen, Morten Sengeløv, Amil Shah, Jan Jensen, Department of Cardiology, Herlev and Gentofte Hospital, University of Copenhagen, Hellerup, Denmark

1:25 p.m.

Question and Answer

1:30 p.m.

Prognostic Significance of Global Longitudinal Strain and Correction of Primary Mitral Regurgitation in Patients With Preserved Left Ventricular Ejection Fraction

Alaa Alashi, Amgad Mentias, Krishna Patel, Amjad Abdallah, Zoran Popovic, A. Gillinov, Rakesh M. Suri, Tomislav Mihaljevic, Joseph Sabik, Lars Svensson, Brian Griffin, Milind Desai, Cleveland Clinic Foundation, Cleveland, OH, USA

1:40 p.m.

Question and Answer

ACC Poster Moderator: Theodore P. Abraham

ACC Poster Moderator: Michele Nanna

### Prevention - International Session

#### Session #524

Managing Resistant Hypertension: International Perspectives From the Hellenic Society of Cardiology, Russian Society of Cardiology, and American College of Cardiology

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Room N427cd

CME Hours: 1.25 /CNE Hours: 0

Co-Chair: Kim Allan Williams, Sr.

Chicago, IL

Co-Chair: Stefanos Foussas

Co-Chair: Evgeny Shlyakhto Federation

12:30 p.m.

Introduction to Session

Kim Allan Williams, Sr.

Chicago, IL

12:35 p.m.

Resistant Hypertension: Prevalence, Evaluation and Diagnosis

Alexandra Konradi Federation

12:46 p.m.

Resistant Hypertension: From Pathophysiology to Therapeutic Implication

Vasilios Papademetriou

Washington, DC

12:57 p.m.

Renal Denervation: Where do we Stand and How to Move Forward

Konstantinos P. Tsioufis

Penteli, Greece

1:08 p.m.

Resistant Hypertension Treatment: Current Guidelines

Zhanna Kobalava

Moscow, Russian Federation

1:19 p.m.

Discussion

### Prevention - Scientific Session

#### Session #759

Feeling the Pressure? Tough Cases in Hypertension Management

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Room S404

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Michael H. Crawford

Co-Chair: Stacie L. Daugherty

Panelist: Michelle Albert

Panelist: Oscar Cingolani

Panelist: Julie Damp





12:30 p.m.

FIT Case Presentation: Hypertension in Pregnancy

David McNeely

Antioch, TN

12:40 p.m.

Panel Discussion

12:55 p.m.

FIT Case Presentation: Resistant Hypertension Case

Micaela Iantorno

Baltimore, MD

1:05 p.m.

Panel Discussion

1:20 p.m.

FIT Case Presentation: The Frail Elderly Patient With Hypertension

Mandar Aras

San Francisco, CA

1:30 p.m.

Panel Discussion

### Prevention - Moderated Poster Contributions

#### Session #1293M

#### PCSK9 Inhibitors: New Insights and Evolving Understanding

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Prevention Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m.

Reduction in Lipoprotein (a) With Evolocumab: Elucidation of the Role of the LDL Receptor From Clinical Trials and In-Vitro Models

Frederick J. Raal, Robert P. Giugliano, Marc Sabatine, Michael Koren, Dirk Blom, Nabil G. Seidah, Narimon Honarpour, Armando Lira Pineda, Allen Xue, Simon Jackson, Mei Di, Matthew Peach, Ransi Somaratne, Scott Wasserman, Robert Scott, Evan Stein, Amgen Inc., Thousand Oaks, CA, USA

12:40 p.m.

Question and Answer

12:45 p.m.

Impact of Anti-Drug Antibodies to Alirocumab on LDL-C Lowering Efficacy and Safety

Eli M. Roth, Anne Goldberg, Alberico Catapano, Albert Torri, Aurelie Brunet, Guillaume Lecorps, Helen Colhoun, Regeneron Pharmaceuticals, Inc., Tarrytown, NY, USA, Sanofi, Paris, France

12:55 p.m.

Question and Answer

1:00 p.m.

Efficacy of Alirocumab in 1,191 Patients With a Wide Spectrum of Mutations in Genes Causative for Familial Hypercholesterolemia

John J.P. Kastelein, Gisle Langslet, Paul Hopkins, Joep Defesche, Werner Seiz, Marie Baccara-Dinet, Sara Hamon, Poulabi Banerjee, Claudia Stefanutti, Regeneron Pharmaceuticals, Inc., Tarrytown, NY, USA, Sanofi, Montpellier, France

1:10 p.m.

Question and Answer

1:15 p.m.

A Pooled Safety Analysis of Over 6000 Patients From Double-Blind and Open-Label Extension Studies With Evolocumab

Peter P. Toth, Olivier Descamps, Jacques Genest, Naveed Sattar, David Preiss, Ricardo Dent, Constantine Djedjos, Yuna Wu, Michelle Geller, Ransi Somaratne, Scott Wasserman, Evan Stein, Amgen, Inc., Thousand Oaks, CA, USA

1:25 p.m.

Question and Answer

1:30 p.m.

PCSK9 Inhibition-Mediated Reduction in Triglyceride With Evolocumab Is Related to Baseline Triglyceride Levels: An Analysis From 1791 Patients

Evan A. Stein, Ransi Somaratne, Constantine Djedjos, Thomas Liu, Mary Elliott, Scott Wasserman, Robert Scott, Amgen Inc., Thousand Oaks, CA, USA

1:40 p.m.

Question and Answer

ACC Poster Moderator: Raul Santos

ACC Poster Moderator: Francine Welty

### Pulmonary Hypertension - Moderated Poster Contributions

#### Session #1291M

#### Interesting Thoughts on Thromboembolic Diseases and Basic Mechanisms of PAH

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Pulmonary Hypertension and FIT CDM Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m.

Localized Calcium Signaling in Pulmonary Hypertension Associated With Heart Failure

Nour Dayeh, Jonathan Ledoux, Jean-Claude Tardif, Marc-Antoine Gillis, Yanfen Shi, Mégane Tanguay, Louis Villeneuve, Jocelyn Dupuis, Université de Montréal, Montreal, Canada, Montreal Heart Institute, Montreal, Canada

12:40 p.m.

Question and Answer

12:45 p.m.

Impact of Inferior Vena Cava Filter Placement on Outcomes of Patients With Venous Thromboembolic Disease and Contraindications to Anticoagulation: A Propensity Analysis

Tyson Turner, Mohammed J. Saeed, Eric Novak, David Brown, Washington University in St. Louis, St. Louis, MO, USA

12:55 p.m.

Question and Answer

1:00 p.m.

Intravascular Imaging-Guided Percutaneous Transluminal Pulmonary Angioplasty for Peripheral Pulmonary Stenosis and Pulmonary Takayasu's Arteritis

Ryoji Yanagisawa, Masaharu Kataoka, Takumi Inami, Nobuhiko Shimura, Haruhisa Ishiguro, Takashi Kawakami, Keiichi Fukuda, Hideaki Yoshino, Toru Satoh, Kyorin University School of Medicine, Tokyo, Japan, Keio University School of Medicine, Tokyo, Japan



1:10 p.m.

Question and Answer

1:15 p.m.

Nationwide Trends in Pulmonary Artery Endarterectomy for Chronic Thromboembolic Pulmonary Hypertension

Arun Kanmanthareddy, Saurabh Aggarwal, Alok Saurav, Hemantha Koduri, Jitendra Pandya, Abhilash Akinapelli, Muhammad Soubhi Azzouz, Michael White, Manu Kaushik, Dennis Esterbrooks, Michael Del Core, Claire Hunter, Aryan Mooss, Venkata Alla, Creighton University School of Medicine, Omaha, NE, USA

1:25 p.m.

Question and Answer

1:30 p.m.

Molecular Imaging of the Human Pulmonary Vascular Endothelium in Pulmonary Hypertension: The PulmoBind Safety and Proof of Principle Trial  
Jocelyn Dupuis, François Harel, David Langleben, Steve Provencher, Alain Fournier, Quang T. Nguyen, Vincent Finnerty, Myriam Letourneau, Xavier Levac, Asmaa Mansour, Gad Abikhzer, Jean Guimond, Montreal Heart Institute, Montreal, Canada

1:40 p.m.

Question and Answer

ACC Poster Moderator: Jonathan Rich

ACC Poster Moderator: Anjali Vaidya

### Special Topics - Intensive

#### Session #62

##### Precision Medicine Intensive III

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Grand Ballroom S100a

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Rhonda Cooper-DeHoff

Co-Chair: Douglas L. Mann

12:30 p.m.

Precision Medicine - Knowledge Network for Biomedical Research and a New Taxonomy of Disease  
Christopher Chute

12:50 p.m.

Question and Answer

12:50 p.m.

Facilitator  
Christopher Chute  
Baltimore, MD

1:10 p.m.

SLC01B1 Genotype Testing and Simvastatin Dosing - Should We? And in Whom?

Deepak Voora  
Durham, NC

1:10 p.m.

A Case Based Discussion

Panelist: Larissa Cavallari

Panelist: Edith A. Nutescu

### Special Topics - Symposium

#### Session #115

##### Cardiovascular Innovation and Translation - Cardiovascular Translational Research II (ISCTR)

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Room S505

CME Hours: 0 /CNE Hours: 0

Co-Chair: Mitchell W. Krucoff

Co-Chair: Stanton Rowe

12:30 p.m.

Perspective from an Innovator

G. Alain Cribier

12:45 p.m.

Perspective from Industry, Chief Medical Officer of Abbott  
Charles A. Simonton  
Santa Clara, CA

1:00 p.m.

Perspective from FDA - Director, Center for Devices and Radiological Health (CDRH)

Bram D. Zuckerman  
Rockville, MD

1:15 p.m.

Perspective from Former CMS Director of Coverage and Analysis  
Louis Jacques  
Washington, DC

1:25 p.m.

Medicare Coverage of Cardiovascular IDE Trials  
Tamara Syrek Jensen  
Baltimore, MD

1:35 p.m.

Panel Discussion

Panelist: G. Alain Cribier

Panelist: Louis Jacques

Panelist: Richard M. Rapoza

Panelist: Charles A. Simonton

Panelist: Tamara Syrek Jensen

Panelist: Bram D. Zuckerman

### Special Topics - Boot Camp

#### Session #312

##### FIT Forum: Acing the Transition: What FITs Need to Know to Launch a Successful Career

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Room S504

CME Hours: 0 /CNE Hours: 0

Co-Chair: Seth Sheldon

Co-Chair: Varsha Tanguturi

12:30 p.m.

How to Prepare for the Boards  
Hanna Kim Gaggin



12:42 p.m.

Interviewing Tips and Negotiating Contracts

Brigid Dolan

Chicago, IL

12:54 p.m.

Financial Planning for Future Cardiologists

Michael F. Merrill

Portland, OR

1:00 p.m.

Financial Planning for Future Cardiologists

Anders Ramstad

1:06 p.m.

Malpractice: Protecting Yourself in the Era of Defensive Medicine

Joseph S. Wilson

Atlanta, GA

1:18 p.m.

A Pragmatic Approach to Selecting the Right Professional Practice after Fellowship

Doreen D. Yeh

Boston, MA

1:30 p.m.

Question and Answer

### Special Topics - Special Session

#### Session #413

**Best of JACC 2015: Practice Changing Research Published in the JACC Journals and the Eugene Braunwald Lecture on Future Directions in Cardiovascular Medicine**

**Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.**

**Main Tent (North Hall B1)**

**CME Hours: 1.25 /CNE Hours: 1.25**

Co-Chair: Valentin Fuster

Co-Chair: Jagat Narula

12:30 p.m.

Best of JACC in 2015

Valentin Fuster

12:37 p.m.

Best of JACC: Interventions in 2015

Spencer B. King

Atlanta, GA

12:44 p.m.

Best of JACC: Imaging in 2015

Jagat Narula

New York, NY

12:51 p.m.

Best of JACC: Heart Failure in 2015

Christopher M. O'Connor

Falls Church, VA

12:58 p.m.

Best of JACC: Clinical Electrophysiology in 2015

David J. Wilber

Maywood, IL

1:05 p.m.

Best of JACC: Basic to Translational Research in 2015

Douglas L. Mann

Saint Louis, MO

1:10 p.m.

Introduction of Dr. Robert Califf, MD, MACC, Commissioner of the U.S. Food and Drug Administration

Ralph G. Brindis

Oakland, CA

1:15 p.m.

Eugene Braunwald Lecture: Evidence and the Practice of Cardiovascular Medicine

Robert M. Califf

Silver Spring, MD

1:35 p.m.

Panel Discussion

Panelist: Spencer B. King

Panelist: Douglas L. Mann

Panelist: Jagat Narula

Panelist: Christopher M. O'Connor

Panelist: David J. Wilber

### Special Topics - Special Session

#### Session #414

**2016 Dan G. McNamara Lecture: Late Outcomes of Congenital Heart Disease**

**Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.**

**Room S403**

**CME Hours: 1.25 /CNE Hours: 1.25**

Co-Chair: Robert H. Beekman

Co-Chair: Kathy J. Jenkins

12:30 p.m.

Welcome and Reflecting on McNamara Lecture

Daniel J. Penny

12:35 p.m.

Introduction of Dr. Jane Newburger

Robert H. Beekman

Cincinnati, OH

12:40 p.m.

Dan G. McNamara Lecture: Neurodevelopmental Outcomes in CHD: Where Have We Been and Where Are We Going?

Jane Newburger

Boston, MA

1:10 p.m.

Maintaining Momentum: Psychosocial Outcomes in ACHD

Adrienne H. Kovacs

Portland, OR



1:30 p.m.

Interview With Dr. Jane Newburger  
Roberta G. Williams  
Los Angeles, CA

### Special Topics - Special Session Session #415

**Late-Breaking Clinical Trials: Deep Dive II**  
**Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.**  
**Room S406a**  
**CME Hours: 1.25 /CNE Hours: 1.25**

Co-Chair: Sanjay Kaul  
Co-Chair: Paul Wayne Armstrong  
Panelist: Hugh Calkins  
Panelist: Bernard J. Gersh  
Panelist: Carolyn S. P. Lam  
Panelist: Bertram Pitt

12:30 p.m.

Direct Renin-inhibition With Aliskiren Alone And In Combination With  
Enalapril, Compared With Enalapril, In Heart Failure (the ATMOSPHERE Trial)  
John J. V. McMurray  
Glasgow, Scotland G12 8TA, United Kingdom

12:35 p.m.

Discussant  
Bertram Pitt  
Ann Arbor, MI

12:40 p.m.

Panel Discussion

12:45 p.m.

Effect of Ularitide on Short- and Long-Term Clinical Course of Patients with  
Acutely Decompensated Heart Failure: Primary Results of the TRUE-AHF Trial  
Milton Packer  
Dallas, TX

12:50 p.m.

Discussant  
Carolyn S. P. Lam  
Singapore, Singapore

12:55 p.m.

Panel Discussion

1:00 p.m.

Antiarrhythmic Drugs for Shock-Refractory Out-of-Hospital Cardiac Arrest:  
The Resuscitation Outcomes Consortium Amiodarone, Lidocaine or Placebo  
Study  
Peter J. Kudenchuk  
Seattle, WA

1:10 p.m.

Panel Discussion

1:15 p.m.

Impact of the Cholesteryl Ester Transfer Protein Inhibitor Evacetrapib on  
Cardiovascular Events: Results of the ACCELERATE Trial  
Stephen J. Nicholls  
Adelaide, Australia

1:20 p.m.

Discussant  
Bernard J. Gersh  
Rochester, MN

1:25 p.m.

Panel Discussion

1:30 p.m.

A Randomized Trial of Rate Control Versus Rhythm Control for Atrial  
Fibrillation after Cardiac Surgery  
Michael Bowdish  
Los Angeles, CA

1:35 p.m.

Discussant  
Hugh Calkins  
Baltimore, MD

1:40 p.m.

Panel Discussion

### Special Topics - Special Session Session #418

**ABIM/MOC Update and Town Hall Meeting**  
**Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.**  
**Room S502**  
**CME Hours: 0 /CNE Hours: 0**

Co-Chair: Richard A. Chazal  
Co-Chair: Mary N. Walsh  
Panelist: Richard J. Baron  
Panelist: Patrick T. O'Gara  
Panelist: Robert A. Shor

12:30 p.m.

Update from the American College of Cardiology Perspective  
Patrick T. O'Gara  
Boston, MA

12:55 p.m.

Update from the American Board of Internal Medicine Perspective  
Richard J. Baron  
Philadelphia, PA

1:20 p.m.

Audience Question and Answer

### Special Topics - Scientific Session Session #761

**PAD — Clinical Insight and Contemporary Treatment: Joint  
Symposium of the American Heart Association and the American  
College of Cardiology**  
**Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.**  
**Grand Ballroom S100bc**  
**CME Hours: 1.25 /CNE Hours: 1.25**

Co-Chair: Elliott M. Antman  
Co-Chair: Michael J. Reardon



12:30 p.m.

Non-Invasive Assessment of the Patient With Peripheral Artery Disease:  
What's the Best Algorithm?  
Mary M. McDermott

12:45 p.m.

What Constitutes Contemporary Optimal Medical Therapy for Peripheral  
Artery Disease?  
Mark A. Creager  
Lebanon, NH

1:00 p.m.

What Drives Revascularization Strategy in Peripheral Artery Disease: Patient,  
Lesion, or Technology?  
Michael S. Conte  
San Francisco, CA

1:15 p.m.

Management of Peripheral Artery Disease in 2016 and Beyond: What to  
Expect From Upcoming Clinical Trials  
Joshua A. Beckman  
Nashville, TN

1:30 p.m.

The Current Status of Guidelines for Peripheral Artery Disease: How Firm Is  
the Footing That Drives Clinical Decisions?  
Jonathan L. Halperin  
New York, NY

### **Stable Ischemic Heart Disease - Moderated Poster Contributions Session #1286M**

#### **Readmissions, Reimbursement and Management Disparities**

**Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.**

**Stable Ischemic Heart Disease Moderated Poster Theater, Poster  
Area, South Hall A1**

**CME Hours: 1.25 /CNE Hours: 1.25**

12:30 p.m.

Associations of Hospital Strategies and 30-Day Risk-Standardized  
Readmission Rates in Percutaneous Coronary Intervention  
Karl E. Mingos, Jeph Herrin, Nihar Desai, John Messenger, Brahmajee  
Nallamothu, John Rumsfeld, Mary Anne Elma, Peggy Chen, Henry Ting,  
Jeptha Curtis, Yale School of Medicine, New Haven, CT, USA

12:40 p.m.

Question and Answer

12:45 p.m.

Impact of Area Deprivation Index on Utilization of Intra-Coronary Stents in  
2011-2012 Medicare Nationwide Cohort  
Tushar Anil Tuliani, Milind Parikh, Maithili Shenoy, Kenneth Jutzy, Anthony  
Hilliard, Loma Linda University Medical Center, Loma Linda, CA, USA

12:55 p.m.

Question and Answer

1:00 p.m.

Nationwide Average Medicare Reimbursements for Inpatient Intra-Coronary  
Stent Discharges and Area Deprivation Index  
Tushar Anil Tuliani, Milind Parikh, Maithili Shenoy, Kenneth Jutzy, Anthony  
Hilliard, Loma Linda University Medical Center, Loma Linda, CA, USA

1:10 p.m.

Question and Answer

1:15 p.m.

Shared Decision Making And Treatment Preferences Among Patients  
Undergoing Coronary Angiography  
Jacob Appel Doll, Rohan Shah, William Jones, Manesh Patel, Duke University  
Medical Center, Durham, NC, USA

1:25 p.m.

Question and Answer

1:30 p.m.

Patients and Their Physicians Do Not Agree on Shared Decision Making in  
Transcatheter Aortic Valve Replacement  
Megan Coylewright, Philip Green, Kumar Dharmarajan, John Vavalle, Amar  
Krishnaswamy, Tracy Wang, Dartmouth-Hitchcock Medical Center, Lebanon,  
NH, USA

1:40 p.m.

Question and Answer

ACC Poster Moderator: Cetin Erol

ACC Poster Moderator: Stephen Kopecky

### **Valvular Heart Disease - Scientific Session**

#### **Session #762**

#### **Multivalve Dysfunction + CM + CAD in the Older Adult: I Can't Find This in My Guidelines App**

**Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.**

**Room S405**

**CME Hours: 1.25 /CNE Hours: 1.25**

Co-Chair: James B. McClurken

Co-Chair: Michael W. Rich

Panelist: Brian O'Murchu

Panelist: James A. Burke

Co-Chairs Introduce the Session

12:32 p.m.

Mid 80's yo f w CHF, Severe VAS, Mod MR, Mod TR, ModLM & RCA, reduced  
EF/Mod LV Enlargement [up to What Was Done]

David Jones

Philadelphia, PA

12:38 p.m.

Assessing Multimorbidity and Frailty in the VHD Older Adult - Can We Predict  
Outcomes?

Jonathan Afilalo

Montreal, Canada

12:46 p.m.

Seeing the patient When Fogged Over by Data: Importance of Heart Team  
Assessment of Nuances

Amy E. Simone

Atlanta, GA

12:54 p.m.

Discussion





1:02 p.m.

Percutaneous Options: Are We Trending Extreme With Catheter Based Multi-Coronary/Valve Deployments? Guidelines? Evidence?

George D. Dangas  
New York, NY

1:10 p.m.

Discussion

1:16 p.m.

Surgical Options: Fix It All? Fix Some Of It? How Do You Decide in the Multimorbid VHD Older Adult?

Richard J. Shemin  
Los Angeles, CA

1:24 p.m.

Discussion

1:30 p.m.

In the Deep Weeds: ECMO Support Post Older Adult Procedure - Really? Results?

Joseph C. Cleveland, Jr.  
Aurora, CO

1:37 p.m.

Mid 80's yo f w CHF, Severe VAS, Mod MR, Mod TR, Mod LM & RCA, Reduced EF/Mod LV Enlargement [Outcome]

David Jones  
Philadelphia, PA

1:40 p.m.

Conclusion Discussion

### Valvular Heart Disease - Moderated Poster Contributions

#### Session #1284M

#### Mitral Regurgitation: New Information and Options

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Valvular Heart Disease Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m.

Isolated Mitral Regurgitation in the Population: Prevalence and Outcomes  
Volha Dziadzko, Maurice Enriquez-Sarano, Mayo Clinic, Rochester, MN, USA

12:40 p.m.

Question and Answer

12:45 p.m.

Combination of Mitral Valve Tethering and Annular Dilatation as a Mechanism of Mitral Regurgitation Secondary to Atrial Fibrillation: Serial Transesophageal Echocardiographic Study After Radiofrequency Catheter Ablation  
Daimon Kuwahara, Nozomi Watanabe, Keiichi Ashikaga, Tomoko Fukuda, Shun Nishino, Hirohide Matsuura, Tatsuya Nakama, Makoto Furugen, Hiroshi Koiwaya, Nehiro Kuriyama, Yoshisato Shibata, Miyazaki Medcal Association Hospita, 738-1 Funato, Shinbepouthou, Japan

12:55 p.m.

Question and Answer

1:00 p.m.

Impact of Mitral Regurgitation on 2-Year Clinical Outcomes in Patients With Acute Myocardial Infarction: Propensity Score Matched Analysis  
Seung-Woon Rha, Sang-Ho Park, Ung Jeon, Byoung Geol Choi, Se Yeon Choi, Jae Kyeong Byun, Min Shim, Dong Joo Oh, Myung Ho Jeong, other Korea Acute Myocardial Infarction Registry Investigators, Cardiovascular Center, Korea University Guro Hospital, Seoul, South Korea, Cardiology Department, Soonchunhyang University Cheonan Hospital, Cheonan, South Korea

1:10 p.m.

Question and Answer

1:15 p.m.

Myocardial Fibrosis Is a Powerful Predictor of Mortality in Patients With Ischemic Mitral Regurgitation Who Have Undergone Surgical Mitral Valve Intervention

Kenya Kusunose, Nancy Obuchowski, Zoran Popovic, Milind Desai, Scott Flamm, Brian Griffin, Deborah Kwon, Tokushim University Hospital, Tokushima, Japan

1:25 p.m.

Question and Answer

1:30 p.m.

One Year Clinical Results of the Echo Guided Transapical Mitral Valve Repair With Neochord Implantation  
Andrea Colli, Eleonora Bizzotto, Laura Besola, Erica Manzan, Fabio Zucchetta, Roberto Bellu, Cristiano Sarais, Lorenzo Bagozzi, Matteo Montagner, Demetrio Pittarello, Dario Gregori, Gino Gerosa, University of Padua, Padua, Italy

1:40 p.m.

Question and Answer

ACC Poster Moderator: Robert A. Levine

ACC Poster Moderator: Lissa Sugeng

### Vascular Medicine

#### Session #829

#### Core Curriculum: Preventing Strokes, Amputation and Disability

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Room N426

CME Hours: 1.25 /CNE Hours: 0

Chair: Michael R. Jaff

12:30 p.m.

Risk Factor Management or Revascularization to Prevent Strokes: Illustrative Cases

Soo Hyun Kim  
Avon, OH

12:50 p.m.

Modern Evidence Based Approaches to Help Patients Stop Smoking  
Augustus Hough  
West Palm Beach, FL

1:10 p.m.

Catheter-Based Therapy or Risk Factor Management to Reduce Leg Claudication?

Sahil A. Parikh  
Cleveland, OH



1:30 p.m.

Question and Answer

### Vascular Medicine - Moderated Poster Contributions

#### Session #1289M

#### Managing Risk in Patients With Peripheral Artery Disease: Insights From Trials, Registries, and Databases

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Vascular Medicine Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m.

Nationwide Trends of Surgical and Endovascular Revascularization Procedures for Hospital Admission, Cost Utilization, All-Cause Mortality, and Major Amputation Among Adults With Critical Limb Ischemia From 2003-2012

Shikhar Agarwal, Karan Sud, Mehdi Shishehbor, Cleveland Clinic, Cleveland, OH, USA

12:40 p.m.

Question and Answer

12:45 p.m.

Edoxaban Versus Warfarin in 841 Patients With Atrial Fibrillation and Peripheral Arterial Disease: Insights From the ENGAGE AF-TIMI 48 Trial  
Jonathan Cunningham, Robert Giugliano, Eugene Braunwald, Marco Trevisan, Francesco Nordio, Ton Oude Ophuis, Mijo Bergovec, Michele Mercuri, Christian Ruff, Marc Bonaca, Brigham and Women's Hospital, Boston, MA, USA

12:55 p.m.

Question and Answer

1:00 p.m.

Association Between Patient Characteristics and Baseline Health Status Among an International Cohort of Claudicants: An Analysis From the Patient-Centered Outcomes Related to Treatment Practices in Peripheral Arterial Disease: Investigating Trajectories (PORTRAIT) Registry

Adam MacArthur Noyes, J. Abbott, Kensey Gosch, Kim Smolderen, John Spertus, Omar Hyder, Peter Soukas, Mehdi Shishehbor, Herbert Aronow, Brown University, Providence, RI, USA

1:10 p.m.

Question and Answer

1:15 p.m.

Polyvascular Disease, Diabetes Mellitus and Long-Term Vascular Risk: Insights From the IMPROVE-IT TIMI 40 Trial

Antonio Gutierrez, Marc Bonaca, Christopher Cannon, Robert Giugliano, Jeong-Gun Park, Jennifer A. White, Andrew Tershakovec, Eugene Braunwald, TIMI Study Group, Boston, MA, USA, Brigham and Women's Hospital, Boston, MA, USA

1:25 p.m.

Question and Answer

1:30 p.m.

Asymptomatic Extracranial Carotid Atherosclerosis and Risk for Cerebrovascular Events in Patients With Non-Valvular Atrial Fibrillation: The ARAPACIS Study

Stefania Basili, Lorenzo Loffredo, Daniele Pastori, Marco Proietti, Alessio Farcomeni, Annarita Vestri, Pasquale Pignatelli, Gino Roberto Corazza, Francesco Perticone, Francesco Violi, I Clinica Medica, Sapienza, Rome, Italy, Department of Medical and Surgical Sciences, University of Catanzaro., Catanzaro, Italy

1:40 p.m.

Question and Answer

ACC Poster Moderator: Mazen S. Abu-Fadel

ACC Poster Moderator: Teresa Carman

### Special Topics - Special Session

#### Session #417

#### Journal Club

Monday, April 4, 2016, 1 p.m. - 2 p.m.

Engage@ACC.16 Studio (Expo, #6098)

CME Hours: 0 /CNE Hours: 0

Chair: Dipti Itchhaporia

1:00 p.m.

Faculty

Ralph J. Verdino

Philadelphia, PA

### Non-Certified Industry Events - Learning Destinations

#### Session #4408

#### Monomorphic Ventricular Tachycardia Simulation Training

Monday, April 4, 2016, 1 p.m. - 1:30 p.m.

Expo Hall 24062

CME Hours: 0 /CNE Hours: 0

1:00 p.m.

Monomorphic Ventricular Tachycardia Simulation Training

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #311

#### Fellows Bootcamp: Peripheral Vascular Disease and Structural Heart Disease Management

Monday, April 4, 2016, 2 p.m. - 3:30 p.m.

Room S103ab

CME Hours: 1.5 /CNE Hours: 0

Co-Chair: Susheel K. Kodali

Co-Chair: Sahil A. Parikh

2:00 p.m.

Iliac and SFA

John R. Laird

2:00 p.m.

Infrapopliteal and CLI

Mehdi H. Shishehbor

Cleveland, OH

2:15 p.m.

Renal, Carotid, Subclavian

Christopher J. White

New Orleans, LA



2:30 p.m.  
PFO/ASD/VSD  
John D. Carroll  
Aurora, CO

2:45 p.m.  
TAVR  
Susheel K. Kodali  
New York, NY

3:00 p.m.  
Mitral Therapies  
Howard C. Herrmann  
Philadelphia, PA

3:15 p.m.  
Question and Answer

**ACC.i2 Interventional Cardiology - Scientific Session  
Session #763**  
**Multimodality TAVR Imaging: Where We Are Today**  
**Monday, April 4, 2016, 2 p.m. - 3:30 p.m.**  
**Room S103cd**  
**CME Hours: 1.5 /CNE Hours: 1.5**

Co-Chair: Linda D. Gillam  
Co-Chair: Stephen H. Little

2:00 p.m.  
Historical Overview of the Role of Imaging for TAVR  
Jose Zamorano

2:10 p.m.  
Essential CT: Strengths and Weaknesses  
Victoria Delgado  
Leiden, Netherlands

2:20 p.m.  
Pre-Implantation Imaging for TAVR: The Enduring Role of Echo  
Linda D. Gillam  
Morristown, NJ

2:30 p.m.  
Procedural Imaging Tools: TEE/TTE, ICE, and Fusion Imaging  
Rebecca T. Hahn  
New York, NY

2:40 p.m.  
Case Presentation: Imaging Saves the Day!  
Patric Biaggi  
Toronto, Canada

2:45 p.m.  
Intra-Procedural Decision-Making Based on Imaging  
Christopher Meduri  
Atlanta, GA

2:55 p.m.  
Assessing Post-TAVR Function: The New VARC-3 Proposal  
Jae K. Oh  
Rochester, MN

3:05 p.m.  
Leaflet Thickening With Advanced Imaging Techniques: What Does It Mean?  
Carlos E. Ruiz  
New York, NY

3:15 p.m.  
The Future of Imaging for TAVR  
Stephen H. Little  
Houston, TX

3:25 p.m.  
Question and Answer

**ACC.i2 Interventional Cardiology - Scientific Session  
Session #764**  
**Optimal Antiplatelet Therapy in ACS and PCI**  
**Monday, April 4, 2016, 2 p.m. - 3:30 p.m.**  
**Room S104**  
**CME Hours: 1.5 /CNE Hours: 1.5**

Co-Chair: Robert A. Harrington  
Co-Chair: Michelle L. O'Donoghue

2:00 p.m.  
Defining Optimal Antiplatelet Therapy: The P2Y12 Inhibitor Debate  
Continues. Case Presentation on Stent Thrombosis  
Rajesh V. Swaminathan

2:05 p.m.  
Prasugrel Has the Most Compelling Overall Efficacy Profile  
Stephen D. Wiviott  
Boston, MA

2:15 p.m.  
Ticagrelor: Hard to Argue With a Mortality Benefit  
Lars Wallentin  
Uppsala SE-75185, Sweden

2:25 p.m.  
Cangrelor Will Optimize Periprocedural Coverage  
Harvey D. White  
Auckland 1142, New Zealand

2:35 p.m.  
Panel Discussion

Panelist: Rajesh V. Swaminathan  
Panelist: Theodore A. Bass  
Panelist: Stephen D. Wiviott  
Panelist: Lars Wallentin

2:40 p.m.  
Challenges With Drug Administration. Morphine and PPIs: Practical  
Considerations When Administering P2Y12 Inhibitors  
Dimitrios Alexopoulos  
Ekali Athens, Greece

2:51 p.m.  
Challenges With Drug Administration. Optimal Loading Dose and Delivery of  
P2Y12 Inhibitors: Should the Loading Dose Be Crushed?  
Dominick J. Angiolillo  
Jacksonville, FL



3:02 p.m.

Challenges With Drug Administration. Platelet Function Testing: Should We Continue the Discussion?

Paul A. Gurbel  
Baltimore, MD

3:13 p.m.

Challenges With Drug Administration. Genotyping Should Still Be Considered for Patients Treated With Clopidogrel

Tabassome Simon  
Paris, France

3:24 p.m.

Panel Discussion

Panelist: Dimitrios Alexopoulos  
Panelist: Dominick J. Angiolillo  
Panelist: Paul A. Gurbel  
Panelist: Tabassome Simon

### ACC.i2 Interventional Cardiology

#### Session #830

#### Core Curriculum: Beyond 'Cosmetic Lumenology'

Monday, April 4, 2016, 2 p.m. - 3:30 p.m.

Room N426

CME Hours: 1.5 /CNE Hours: 0

Chair: Gregg W. Stone

2:00 p.m.

Things I've Learned Through Literature and the School of "Hard Knocks" in the Cath Lab

Douglas E. Drachman  
Boston, MA

2:25 p.m.

Shared Decision-Making in Coronary Revascularization

Megan Coylewright  
Lebanon, NH

2:50 p.m.

The Evidence for Interventions in Structural Heart Disease

Anthony Hilliard  
Redlands, CA

3:15 p.m.

Question and Answer

### Acute Coronary Syndromes - Scientific Session

#### Session #765

#### A Multi-Disciplinary Team Approach to a.m.I: Understanding the Patient's Perspective

Monday, April 4, 2016, 2 p.m. - 3:30 p.m.

Room S402

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Maureen Julien

Co-Chair: George D. Dangas

2:00 p.m.

Present Patient Case

Mladen I. Vidovich

2:05 p.m.

Patient Presenter  
Desmond Sullivan  
Chicago, IL

2:05 p.m.

Video or Live Presentation of Patient Describing MI Experience

2:10 p.m.

From the Field to the ER  
Holloway Sam  
Chicago, IL

2:20 p.m.

ARS to EMS/ER Question and Discussion Followed by Video of Patient's Perspective

2:28 p.m.

Interventional Fellow as Facilitator and Physician

Venkatesh Y. Anjan  
Philadelphia, PA

2:38 p.m.

ARS About Fellow's Role in Care, Patient's Perspective of Cath Lab and Discussion

2:46 p.m.

Planning for Discharge: From Meds to Rehab and SAMI registry

Eva M. Kline-Rogers  
Ann Arbor, MI

2:56 p.m.

ARS About CCU Stay / NP/PA Role in Discharge, Patient's Response, and Discussion

3:04 p.m.

Helping Patients Cope Post MI

Kim Smolderen  
Kansas City, MO

3:14 p.m.

ARS About Post MI Care (Psychological/Social/Sexual) Needs Addressed, Patient Perspective, Discussion

3:25 p.m.

Question and Answer

### Arrhythmias and Clinical EP - Scientific Session

#### Session #766

#### Prevention of Atrial Fibrillation

Monday, April 4, 2016, 2 p.m. - 3:30 p.m.

Room S501

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Bulent Gorenek

Co-Chair: Prashanthan Sanders

2:00 p.m.

Sleep Disturbances and Atrial Fibrillation

Olaf Oldenburg



2:18 p.m.

Goal Directed Weight Management and Atrial Fibrillation  
Jonathan M. Kalman  
Melbourne, VIC, Australia

2:36 p.m.

Can Progression of Atrial Fibrillation Really Be Stopped?  
Jose Jalife  
Ann Arbor, MI

2:54 p.m.

Air Pollution and It's Effect on Atrial Fibrillation?  
Wayne E. Cascio  
Chapel Hill, NC

3:12 p.m.

Patient Advocacy: Effects on Outcomes in Atrial Fibrillation  
Mellanie True Hills  
Greenwood, TX

### **Congenital Heart Disease - Scientific Session Session #767**

**What to Do With a String of Pearls, and Other Coronary Conundrums**  
**Monday, April 4, 2016, 2 p.m. - 3:30 p.m.**  
**Room S403**  
**CME Hours: 1.5 /CNE Hours: 1.5**

Co-Chair: Julie Brothers  
Co-Chair: Michael E. Mitchell  
Panelist: Robert W. Battle  
Panelist: Michelle Grenier  
Panelist: Silvana Molossi

2:00 p.m.

Case Presentation: Kawasaki Disease  
Jennifer Davenport  
Albuquerque, NM

2:05 p.m.

Panel Discussion and Voting

2:22 p.m.

Case Presentation: Coronary Complications After Transposition Surgery  
Jacqueline Weinberg  
Pittsburgh, PA

2:27 p.m.

Panel Discussion and Voting

2:44 p.m.

Case Presentation: Anomalous Origin Coronary Artery  
Elena Grant  
Atlanta, GA

2:49 p.m.

Panel Discussion and Voting

3:07 p.m.

Case Presentation: Premature Atherosclerosis in Children  
Keri M. Shafer  
Brookline, MA

3:12 p.m.

Panel Discussion and Voting

### **Heart Failure and Cardiomyopathies - Scientific Session Session #768**

**The World of Cardio-Oncology**  
**Monday, April 4, 2016, 2 p.m. - 3:30 p.m.**  
**Room S401**  
**CME Hours: 1.5 /CNE Hours: 1.5**

Co-Chair: Joseph Carver  
Co-Chair: Thomas Force

2:00 p.m.

Anthracycline-Induced Cardiotoxicity  
Daniel J. Lenihan

2:12 p.m.

Question and Answer

2:15 p.m.

Trastuzumab-Induced Cardiotoxicity  
Ana Barac  
Washington, DC

2:27 p.m.

Question and Answer

2:30 p.m.

VEGF Inhibitors – Induced Cardiotoxicity  
Javid Moslehi  
Nashville, TN

2:42 p.m.

Question and Answer

2:45 p.m.

Imaging in Chemotherapy Induced Cardiotoxicity  
Bonnie Ky  
Philadelphia, PA

2:57 p.m.

Question and Answer

3:00 p.m.

Chemotherapy-Induced Cardiotoxicity: Role of Biomarkers  
Daniela Cardinale  
Milan, Italy

3:12 p.m.

Question and Answer

3:15 p.m.

Pharmacologic Prevention of Chemotherapy Induced Cardiotoxicity  
Maya E. Guglin  
Tampa, FL

3:27 p.m.

Question and Answer





### Heart Failure and Cardiomyopathies - Scientific Session

#### Session #769

##### Heart Failure Plus: Co-Morbidities

Monday, April 4, 2016, 2 p.m. - 3:30 p.m.

Room S406b

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Anita Deswal

Co-Chair: Gerasimos S. Filippatos

2:00 p.m.

HF and Sleep Apnea

Lee R. Goldberg

2:12 p.m.

Question and Answer

2:15 p.m.

Does Diabetes Precipitate Heart Failure?

Tamara Horwich

Los Angeles, CA

2:27 p.m.

Question and Answer

2:30 p.m.

Does Heart Failure Precipitate Diabetes?

Maya E. Guglin

Tampa, FL

2:42 p.m.

Question and Answer

2:45 p.m.

Which Agents Are Safe and Beneficial in Treatment of Diabetes in Patients With Heart Failure ?

Biykem Bozkurt

Houston, TX

2:57 p.m.

Question and Answer

3:00 p.m.

HF, Obesity, and Hypertension

David Aguilar

Houston, TX

3:12 p.m.

Question and Answer

3:15 p.m.

Heart Failure and Atrial Fibrillation

Denis Roy

Montreal, Canada

3:27 p.m.

Question and Answer

### Non Invasive Imaging - Scientific Session

#### Session #770

##### Future of Cardiovascular Imaging: A Report From the ACC Think Tank

Monday, April 4, 2016, 2 p.m. - 3:30 p.m.

Room S503

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Manuel D. Cerqueira

Co-Chair: Pamela S. Douglas

Panelist: Neil J. Weissman

Panelist: Daniel S. Berman

Panelist: Prem Soman

Panelist: Kavitha Chinnaiyan

Panelist: Partho P. Sengupta

2:00 p.m.

ACC-Talk: The Future of Cardiovascular Imaging

Neil J. Weissman

Washington, DC

2:10 p.m.

Question and Answer

2:15 p.m.

Delivery of Value-Based Imaging Services

Daniel S. Berman

Los Angeles, CA

2:30 p.m.

The Cardiovascular Imager of the Future

Prem Soman

Pittsburgh, PA

2:45 p.m.

Innovation and Research in Imaging Technology

Kavitha Chinnaiyan

Plymouth, MI

3:00 p.m.

Maximizing Imaging Information and Outcomes

Partho P. Sengupta

New York, NY

3:15 p.m.

Panel Discussion

### Prevention - Scientific Session

#### Session #771

##### The Future of Lipid Therapeutics: New Drugs, New Targets

Monday, April 4, 2016, 2 p.m. - 3:30 p.m.

Room S404

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: John J.P. Kastelein

Co-Chair: Michael D. Shapiro

Panelist: Sekar Kathiresan

Panelist: Paul M. Ridker

Panelist: Anand Rohatgi

Panelist: Frank Sacks

Panelist: Sotirios Tsimikas



2:00 p.m.

Identifying New Targets – Insights From Human Genetics  
Sekar Kathiresan  
Boston, MA

2:15 p.m.

HDL in the Post Niacin Era - Is There More to the Story?  
Anand Rohatgi  
Dallas, TX

2:30 p.m.

HDL Is Out, Triglycerides Are In - New Insights Into Triglyceride Related Risk and Treatment  
Frank Sacks  
Boston, MA

2:45 p.m.

Lipoprotein(a) - Can (and Should) We Now Treat the "Untreatable"?  
Sotirios Tsimikas  
La Jolla, CA

3:00 p.m.

Addressing the Fire Within - Targeting Inflammation in Atherosclerosis  
Paul M. Ridker  
Boston, MA

3:15 p.m.

Panel Discussion

### Special Topics - Symposium

#### Session #116

#### Cardiovascular Innovation and Translation III (ISCTR)

Monday, April 4, 2016, 2 p.m. - 3:30 p.m.

Room S505

CME Hours: 0 / CNE Hours: 0

Co-Chair: Richard Schatz  
Co-Chair: Andreas M. Zeiher

2:00 p.m.

Innovation Challenges  
Richard Schatz

2:15 p.m.

The Emerging Concept of the Bio-Design Institute for Cardiologists  
Todd J. Brinton

2:30 p.m.

Novel Adult Cells and Enhancement Strategies for Cardiac Regeneration  
Stefanie Dimmeler  
Frankfurt, Germany

2:45 p.m.

Update on Cardiovascular Stem Cell Therapy  
Andreas M. Zeiher  
Frankfurt, Germany

3:00 p.m.

Panel Discussion

Panelist: Hendrik Tevaearai

### Special Topics - Special Session

#### Session #416

#### Featured Clinical Research II: General

Monday, April 4, 2016, 2 p.m. - 3:15 p.m.

Grand Ballroom S100bc

CME Hours: 1.5 / CNE Hours: 0

Chair: Elliott M. Antman

Co-Chair: Andrew M. Kates

Panelist: Thomas Force

Panelist: Eileen M. Handberg

Panelist: Prediman K. Shah

Panelist: Allen J. Taylor

Panelist: Clyde W. Yancy

2:00 p.m.

Sex Differences in Functional Stress Test vs CT Angiography Results and Prognosis in Symptomatic Patients with Suspected Coronary Artery Disease: Insights from the PROMISE Trial  
Neha J. Pagidipati, Kshipra Hemal, Adrian Coles, Daniel Mark, Rowena Dolor, Patricia Pellikka, Udo Hoffmann, Sheldon Litwin, Melissa Daubert, Svati Shah, Kerry Lee, Pamela Douglas, Duke Clinical Research Institute, Durham, NC, USA, Massachusetts General Hospital, Boston, MA, USA

2:10 p.m.

Panel Discussion

2:15 p.m.

Short and Long Term Effects of Benznidazole, Posaconazole, Monotherapy and their Combination in Eliminating Parasites in Asymptomatic T. cruzi Carriers: The Study of Oral Posaconazole in the Treatment of Asymptomatic Chagas Disease (STOP-CHAGAS Trial)  
Carlos A. Morillo, Hetty Waskin, Sergio Sosa-Estani, Carlos Cuneo, Maria del Carmen Bangher, Rodolfo Milesi, Marcelo Mallagray, Werner Apt, Juan Beloscar, Joaquim Gascon, Israel Molina, Luis E. Echeverria, Hugo Colombo, Jose A. Perez-Molina, Fernando S. Wyss, Brandi Meeks, Laura R. Bonilla, Peggy Gao, Bo Wei, Michael McCarthy, Salim Yusuf, Population Health Research Institute-HHSC-McMaster University, Hamilton, Canada, Merck Sharp & Dohme Corp, Kenilworth, NJ, USA

2:25 p.m.

Panel Discussion

2:30 p.m.

Bariatric Surgery vs. Intensive Medical Therapy for Long-term Glycemic Control and Complications of Diabetes: Final 5-Year STAMPEDE Trial Results  
Philip Raymond Schauer, Deepak Bhatt, John Kirwan, Kathy Wolski, Ali Aminian, Stacy Brethauer, Sankar Navaneethan, Rishi Singh, Claire Pothier, Steven Nissen, Sangeeta Kashyap, Cleveland Clinic, Cleveland, OH, USA

2:40 p.m.

Panel Discussion

2:45 p.m.

Vitamin D Supplementation Improves Cardiac Function In Patients With Chronic Heart Failure - Preliminary Results Of The Vitamin D Treating Chronic Heart Failure (vindicate) Study  
Klaus Witte, John Gierula, Maria F. Paton, Judith E. Lowry, Haqeel A. Jamil, Rowenna Byrom, Lorraine C. Kearney, Hemant K. Chumun, Sue Pavitt, Julian H. Barth, Richard M. Cubbon, Mark T. Kearney, University of Leeds, Leeds, United Kingdom



2:55 p.m.  
Panel Discussion

3:00 p.m.  
The Effect of Community Pharmacist Prescribing and Care on Cardiovascular Risk Reduction: The Rx EACH Multicenter Randomized Controlled Trial  
Ross T. Tsuyuki, Brenda Hemmelgarn, Charlotte A. Jones, Yazid NJ Al Hamarneh, University of Alberta, Edmonton, Canada

3:10 p.m.  
Panel Discussion

### Special Topics - Scientific Session

#### Session #760

##### Careers in Cardiology

Monday, April 4, 2016, 2 p.m. - 3:30 p.m.

Room N427ab

CME Hours: 0 /CNE Hours: 0

Co-Chair: Michael W. Cullen  
Co-Chair: Natalie Jayaram  
Co-Chair: Garima Sharma

2:00 p.m.  
Beginning an Academic Career  
Jeffrey B. Geske

2:12 p.m.  
Navigating the Transition: Early to Mid-career  
Andrew M. Freeman  
Denver, CO

2:24 p.m.  
Partnership and Beyond: Building and Maintaining A Successful Group Practice  
C. Michael Valentine  
Lynchburg, VA

2:36 p.m.  
Maintaining Relevancy in Mid-career Academia  
John S. Rumsfeld  
Denver, CO

2:48 p.m.  
From Mentee to Mentor: Leaving An Academic Legacy  
Margaret M. Redfield  
Rochester, MN

3:00 p.m.  
Question and Answer

Panelist: Andrew M. Freeman  
Panelist: Jeffrey B. Geske  
Panelist: Margaret M. Redfield  
Panelist: John S. Rumsfeld  
Panelist: C. Michael Valentine

### Special Topics - Scientific Session

#### Session #772

##### Social Media: Connectivity, Innovation and Cardiology

Monday, April 4, 2016, 2 p.m. - 3:30 p.m.

Room S502

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: David E. Albert  
Co-Chair: Kevin R. Campbell

2:00 p.m.  
ACC-Talk: Social Media, Connectivity and Medicine: Engaging Patients and Improving Outcomes  
Kevin R. Campbell

2:15 p.m.  
ACC-Talk: Innovation and Mobile Technology: Conducting and Facilitating Clinical Trials in Cyberspace  
David E. Albert  
Oklahoma City, OK

2:30 p.m.  
ACC-Talk: Mobile Health and the Cardiologist: Impacting Care and Improving Outcomes  
David L. Scher  
Philadelphia, PA

2:45 p.m.  
ACC-Talk: Blogging and Chatting: Interacting With Patients via Cyberspace  
Melissa Walton-Shirley  
Gallatin, TN

3:00 p.m.  
Town Hall Meeting

3:00 p.m.  
Town Hall Moderator  
Kevin R. Campbell  
Raleigh, NC

3:00 p.m.  
Town Hall Discussant  
David E. Albert  
Oklahoma City, OK

3:00 p.m.  
Town Hall Discussant  
David L. Scher  
Philadelphia, PA

3:00 p.m.  
Town Hall Discussant  
Melissa Walton-Shirley  
Gallatin, TN



### Special Topics - Scientific Session

#### Session #773

#### Integration of Geriatric Principles in the Care of Older Adults With CVD: The Conundrum of Multiple Chronic Conditions

Monday, April 4, 2016, 2 p.m. - 3:30 p.m.

Room S504

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Daniel E. Forman

Co-Chair: Susan Jane Zieman

2:00 p.m.

Case Presentation: An Older Adult With Advanced Heart Failure, Multiple Chronic Conditions and Frailty

Christine J. Chung

2:05 p.m.

Panel Discussion

Panelist: James N. Kirkpatrick

Panelist: Mary Tinetti

2:30 p.m.

Case Presentation: An Older Adult With Paroxysmal Atrial Fibrillation and Recurrent Fall

Parag Goyal

New York, NY

2:35 p.m.

Panel Discussion

Panelist: John Dodson

Panelist: Kumar Dharmarajan

3:00 p.m.

Case Presentation: An 88 Year Old Woman With a Non-ST Segment Elevation MI

Jorge Brenes Salazar

Rochester, MN

3:05 p.m.

Panel Discussion

Panelist: Karen P. Alexander

Panelist: Caroline Blaum

### Special Topics - Scientific Session

#### Session #774

#### Behind the Curtain: Insights Into JACC and Submitting Acceptable Papers

Monday, April 4, 2016, 2 p.m. - 3:30 p.m.

Room S101

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Jennifer L. Hall

Co-Chair: Valentin Fuster

2:00 p.m.

Insights into JACC and its Selection Process

Valentin Fuster

2:10 p.m.

Insights into Open Access and What It Means in the JACC Family

Douglas L. Mann

Saint Louis, MO

2:20 p.m.

Best Practices With Statistical Analyses and Their Presentation

Jan Tijssen

Amsterdam, Netherlands

2:30 p.m.

Best Practices With Social Media for Journals & Readers

Christopher M. O'Connor

Falls Church, VA

2:40 p.m.

Question and Answer

Panelist: Spencer B. King

Panelist: Douglas L. Mann

Panelist: Jagat Narula

Panelist: Christopher M. O'Connor

Panelist: David J. Wilber

### Valvular Heart Disease - Scientific Session

#### Session #775

#### Special Circumstance Valve Problems - Oh My!

Monday, April 4, 2016, 2 p.m. - 3:30 p.m.

Room S405

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Jonathan R. Lindner

Co-Chair: Natesa G. Pandian

Panelist: Joachim Schofer

Panelist: Christina M. Vassileva

Panelist: Alan Zajarias

2:00 p.m.

Cases - Imaging: Moderate AS, Moderate AR; Mixed Multi Valve Moderate AS/MR+/-TR; Normal? AV Prosthesis, Now MS/MR; HOCM w MR; Pregnancy, New MR

Alan Zajarias

Saint Louis, MO

2:13 p.m.

Imaging Panel Discussion

2:18 p.m.

Mixed Multi Valve Moderate AS/MR+/-TR; Normal ? Prosthetic AV, Now MS/MR: Surgical Considerations

Gregory P. Fontana

New York, NY

2:31 p.m.

Discussion

2:36 p.m.

HOCM With MR - Still Seeking the Treatment Paradigm?

Joseph A. Dearani

Rochester, MN

2:49 p.m.

Discussion



2:54 p.m.

Pregnant, 2nd Trimester, CHF, MV Disease ... Uh-Oh

Lissa Sugeng

New Haven, CT

3:07 p.m.

Recalcitrant Drug Abuse Endocarditis, s/p Recent Prior Replacement, How Many Chances?

Michael J. Reardon

Houston, TX

3:20 p.m.

Discussion

### Special Topics - Maintenance of Certification

#### Session #831

#### Study Session for Maintenance of Certification: ACC General Cardiology Module 14

Monday, April 4, 2016, 3 p.m. - 5:30 p.m.

Room S105ab

CME Hours: 2.5 /CNE Hours: 0

Chair: Kim A. Eagle

MOC Faculty: Julie Damp

MOC Faculty: Peter A. Brady

### Special Topics - Maintenance of Certification

#### Session #832

#### Study Session for Maintenance of Certification: 2015 Update in Cardiovascular Disease A1R

Monday, April 4, 2016, 3 p.m. - 5:30 p.m.

Room S105cd

CME Hours: 2.5 /CNE Hours: 0

Chair: John A. McPherson

MOC Faculty: Thomas C. Crawford

MOC Faculty: Gilliam Nesbitt

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #777

#### Case Reviews: Learning From PCI Complications

Monday, April 4, 2016, 3:45 p.m. - 5:15 p.m.

Room S101

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Jeffrey J. Popma

Co-Chair: Claire S. Duvernoy

3:45 p.m.

Case Presentation: STEMI Gone Wrong

Allen Jeremias

3:50 p.m.

Question and Answer

4:00 p.m.

Case Presentation: Inadequate Lesion Preparation Before Stenting

Megan Coylewright

Lebanon, NH

4:05 p.m.

Question and Answer

4:15 p.m.

Case Presentation: Bleeding Complication

Herbert D. Aronow

Ann Arbor, MI

4:20 p.m.

Question and Answer

4:30 p.m.

Case Presentation: A Case Where I Needed Hemodynamic Support but Didn't Use It

Theodore L. Schreiber

Bloomfield Hills, MI

4:35 p.m.

Question and Answer

4:45 p.m.

Case Presentation: Vessel Dissection

Dharam J. Kumbhani

Dallas, TX

4:50 p.m.

Question and Answer

5:00 p.m.

Case Presentation: Perforation

Dimitrios Karpaliotis

New York, NY

5:05 p.m.

Question and Answer

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #778

#### Timing and Duration of DAPT

Monday, April 4, 2016, 3:45 p.m. - 5:15 p.m.

Room S104

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Deepak L. Bhatt

Co-Chair: Michelle L. O'Donoghue

3:45 p.m.

Shorter DAPT Wins: Less Bleeding (Meta-Analysis)

Marco Valgimigli

3:55 p.m.

Longer DAPT Wins: Less MI and Stent Thrombosis (DAPT Trial)

Robert W. Yeh

Boston, MA

4:05 p.m.

Second Generation DES Only Need 3 Months of DAPT (Completed and Ongoing Trials)

Fausto Feres

Sao Paulo, Brazil

4:15 p.m.

ACS Patients Need Lifelong DAPT (CHARISMA, PEGASUS)

Marc P. Bonaca

Boston, MA





4:25 p.m.  
Question and Answer

4:35 p.m.  
Pretreatment with Oral Agents Is Unnecessary  
Dominick J. Angiolillo  
Jacksonville, FL

4:45 p.m.  
Pretreatment With Oral Agents Is the Standard of Care  
Shamir R. Mehta  
Hamilton, Canada

4:55 p.m.  
Cangrelor Is the Answer to This Debate  
Robert A. Harrington  
Stanford, CA

5:05 p.m.  
Question and Answer

### Acute Coronary Syndromes - Scientific Session Session #779

**Lipids, Diabetes and ACS**  
**Monday, April 4, 2016, 3:45 p.m. - 5:15 p.m.**  
**Room S402**  
**CME Hours: 1.5 /CNE Hours: 1.5**

Co-Chair: Karol E. Watson  
Co-Chair: David Joel Maron  
Panelist: Saif Anwaruddin  
Panelist: Fabio Angeli  
Panelist: Nader D. Nader  
Panelist: Gregory G. Schwartz

3:45 p.m.  
Initiation of Statins for ACS: How Soon? How Much?  
Fabio Angeli  
Perugia, Italy

3:55 p.m.  
Panel Discussion

4:03 p.m.  
Ezetimibe Added to Statins After ACS: What's the Benefit?  
Michael A. Blazing  
Durham, NC

4:21 p.m.  
Can Fasting Triglycerides Predict Recurrent Ischemic Events in Patients With ACS on Statins?  
Gregory G. Schwartz  
Denver, CO

4:31 p.m.  
Panel Discussion

4:39 p.m.  
Your First ACS and You Are NOT on Statin? How Can We Improve Primary Prevention?  
Saif Anwaruddin  
Philadelphia, PA

4:49 p.m.  
Panel Discussion

4:57 p.m.  
Prediabetes as a Modifiable Risk Factor for ACS and Use of Metformin to Prevent Cardiac Remodeling  
Nader D. Nader  
Amherst, NY

5:07 p.m.  
Panel Discussion

### Stable Ischemic Heart Disease - Scientific Session Session #780

**Remaining Challenges in Management of STEMI and Stable Ischemic Heart Disease**  
**Monday, April 4, 2016, 3:45 p.m. - 5:15 p.m.**  
**Room S403**  
**CME Hours: 1.5 /CNE Hours: 1.5**

Co-Chair: William E. Boden  
Co-Chair: Jacqueline E. Tamis-Holland

3:45 p.m.  
State of the Art Presentation: How Can We Improve Outcomes With STEMI in Our Octogenarians?  
Alexandra J. Lansky

3:55 p.m.  
Question and Answer

4:00 p.m.  
State of the Art Lecture: Can We "Further" Reduce Residual Risk after STEMI? Lessons from Clinical Trials  
A. Michael Lincoff  
Cleveland, OH

4:10 p.m.  
Question and Answer

4:15 p.m.  
State of the Art Presentation: Strategies to Improve the Door-in-Door Out Time in Non-PCI Hospitals  
Hani Jneid  
Houston, TX

4:25 p.m.  
Question and Answer

4:30 p.m.  
Debate: Isolated RCA CTO's Should Be Treated Percutaneously  
Emmanouil S. Brilakis  
Dallas, TX

4:37 p.m.  
Debate: Isolated RCA CTO's Should Not Be Treated Percutaneously  
Mandeep S. Sidhu  
Albany, NY

4:44 p.m.  
Rebuttal: Pro



4:45 p.m.

Rebuttal: Con

4:46 p.m.

Question and Answer

4:52 p.m.

Debate: Multivessel CAD With CTO Should Be Treated Surgically

David A. Fullerton

CO

4:59 p.m.

Debate: Multivessel CAD With CTO Should Not Be Treated Surgically

Khaldoon Alaswad

Detriot, MI

5:06 p.m.

Rebuttal: Pro

5:07 p.m.

Rebuttal: Con

5:08 p.m.

Question and Answer

### **Arrhythmias and Clinical EP - Scientific Session Session #781**

#### **Prevention of Sudden Cardiac Death in the Athlete**

**Monday, April 4, 2016, 3:45 p.m. - 5:15 p.m.**

**Room S501**

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

Co-Chair: Alfred A. Bove

Co-Chair: Rachel J. Lampert

3:45 p.m.

Bethesda 2016: What's New, What's Not

Douglas P. Zipes

3:55 p.m.

Question and Answer

4:00 p.m.

My Toughest Cases Over the Years

Paul D. Thompson

Hartford, CT

4:10 p.m.

Question and Answer

4:15 p.m.

Evaluation of Syncope and Palpitations in Athletes

Benjamin D. Levine

Dallas, TX

4:25 p.m.

Question and Answer

4:30 p.m.

AEDs and Preparedness

Eugene H. Chung

Chapel Hill, NC

4:40 p.m.

Question and Answer

4:45 p.m.

Athletes With ICDs

Rachel J. Lampert

New Haven, CT

4:55 p.m.

Question and Answer

5:00 p.m.

Sports Cardiology Year in Review

Richard J. Kovacs

Indianapolis, IN

5:10 p.m.

Question and Answer

### **Arrhythmias and Clinical EP - Scientific Session Session #782**

#### **Atrial Fibrillation Stroke Prevention in the Elderly: Current Knowledge, Gaps and Future Directions**

**Monday, April 4, 2016, 3:45 p.m. - 5:15 p.m.**

**Room S502**

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

Co-Chair: Jonathan L. Halperin

Co-Chair: Jodie L. Hurwitz

Panelist: Michael D. Ezekowitz

Panelist: Kristen Campbell

Panelist: Cynthia M. Tracy

Panelist: Jane Chen

3:45 p.m.

Stroke Prevention in the Elderly: Warfarin, New Agents, and Appendage  
Occlusion

Michael W. Rich

Saint Louis, MO

4:00 p.m.

Atrial Fibrillation in Patients > 75 Years of Age: To Ablate or Not to Ablate?

T. Jared Bunch

Murrah, UT

4:15 p.m.

Role of AVN Ablation and Pacemaker Therapy in the Elderly

Win-Kuang Shen

Phoenix, AZ

4:30 p.m.

What Would You Recommend: My 82-year Old Female Patient With  
Persistent AF, DM, HTN, CRF (cr 2.6) Now Stabilized After Intra-Cranial Bleed  
While on Dabigatran: Rate vs. Rhythm Control, Drugs vs. Non-Drug, ASA vs.  
NOAC vs. LAA Closure?

Hugh Calkins

Baltimore, MD

4:45 p.m.

Panel Discussion



### Heart Failure and Cardiomyopathies - Scientific Session

#### Session #783

#### Hospital to Home: Risk and Opportunity

Monday, April 4, 2016, 3:45 p.m. - 5:15 p.m.

Room S401

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Judy Tingley

Co-Chair: Joyce Wangle Wald

Panelist: Gregg C. Fonarow

Panelist: Nancy M. Albert

Panelist: Kathleen Grady

Panelist: Barbara Riegel

3:45 p.m.

Case (s) Presentation: Complex Transition From Hospital to Home

Marci Farquhar-Snow

Scottsdale, AZ

3:55 p.m.

Focusing on the Team - Multidisciplinary Approach to Improve Outcomes

Kathleen Grady

Chicago, IL

4:05 p.m.

Focusing on the Hospital - Patient Navigator Program to Improve Hospital Performance

Nancy M. Albert

Chesterland, OH

4:20 p.m.

Focusing on the Patient - Methods to Improve Self Care

Barbara Riegel

Philadelphia, PA

4:35 p.m.

Lessons From the Registries - Opportunities to Improve Transitions for Heart Failure Patients

Gregg C. Fonarow

Los Angeles, CA

4:50 p.m.

Panel Discussion: Overcoming Challenges to the Perfect Transition

### Non Invasive Imaging - Scientific Session

#### Session #784

#### What's New in Nuclear Cardiology?

Monday, April 4, 2016, 3:45 p.m. - 5:15 p.m.

Room S503

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: John J. Mahmarian

Co-Chair: Saurabh Malhotra

3:45 p.m.

Update on Clinical Trials

Leslee J. Shaw

4:07 p.m.

Imaging Myocardial Innervation

Mark I. Travin

Pleasantville, NY

4:30 p.m.

New SPECT Cameras

Daniel S. Berman

Los Angeles, CA

4:52 p.m.

Cardiac PET

Robert A. deKemp

Ottawa, Canada

### Pulmonary Hypertension - Scientific Session

#### Session #785

#### Pulmonary Hypertension (PH) Due to Left Heart Disease: WHO Group 2 — HFrEF, HFpEF

Monday, April 4, 2016, 3:45 p.m. - 5:15 p.m.

Room S504

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Teresa DeMarco

Co-Chair: Nazzareno Galie

3:45 p.m.

The Most Common Cause of PH: How Is It Defined, Classified and Diagnosed? Why Is It Important?

Jean-Luc Vachiery

4:00 p.m.

Debate: Non-Invasive Approaches Are Sufficient for the Diagnosis and Classification of WHO Group 2 Versus Group 1 PH (Pro)

Paul Forfia

Philadelphia, PA

4:10 p.m.

Debate: Non-Invasive Approaches Are Not Sufficient- Heart Catheterization Is Essential for the Diagnosis of WHO Group 2 Versus Group 1 PH (Con)

James C. Fang

Salt Lake City, UT

4:20 p.m.

Rebuttal: Pro

4:25 p.m.

Rebuttal: Con

4:30 p.m.

Therapeutic Approaches: What Is the Evidence for Pharmacologic Therapies for WHO Group 2 PH?

Marc J. Semigran

Boston, MA

4:45 p.m.

Pulmonary Hypertension in Advanced Heart Failure: Management Considerations and Strategies for Heart Transplantation and LVAD Candidates

Srinivas Murali

Pittsburgh, PA



5:00 p.m.

Question and Answer

Panelist: Jean-Luc Vachieri

Panelist: Paul Forfia

Panelist: James C. Fang

Panelist: Marc J. Semigran

Panelist: Srinivas Murali

### Special Topics - Symposium

#### Session #117

#### Cardiovascular Innovation and Translation IV (ISCTR)

Monday, April 4, 2016, 3:45 p.m. - 5:15 p.m.

Room S505

CME Hours: 0 /CNE Hours: 0

Co-Chair: Daniel Burkhoff

Co-Chair: Robert Roberts

3:45 p.m.

Global Heart Health, Implications for Translational Research: Perspective of the President of the World Federation of Cardiology

Salim Yusuf

4:00 p.m.

Consensus of Definition, Clinical Trial Design and Endpoints

Bram D. Zuckerman

Rockville, MD

4:15 p.m.

Lessons Learned from Randomized Clinical Trials and the National Registry

David R. Holmes

Rochester, MN

4:30 p.m.

What Innovations in Coronary Artery Disease Will Change the Future of Cardiology?

Patrick W. Serruys

Rotterdam, Netherlands

4:45 p.m.

Emerging Techniques in Cardiac Imaging

Jeroen J. Bax

Leiden, Netherlands

5:00 p.m.

Panel Discussion

Panelist: Didier Locca

### Valvular Heart Disease - Scientific Session

#### Session #786

#### Low Gradient Aortic Stenosis

Monday, April 4, 2016, 3:45 p.m. - 5:15 p.m.

Room S405

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Martin G. Keane

Co-Chair: Aidan A. Raney

Panelist: James B. McClurken

Panelist: Robert J. Siegel

3:45 p.m.

Magnitude and Mechanisms Behind Low Gradient Severe AS

Natesa G. Pandian

Boston, MA

3:53 p.m.

A Case of Severe AS, Low Gradient and Low EF

Patricia A. Pellikka

Rochester, MN

4:01 p.m.

A Case of Low Gradient Severe AS With Normal EF

Petros Nihoyannopoulos

London, United Kingdom

4:09 p.m.

A Case of Low Gradient Severe AS, Normal EF and Mitral Valve Disease

Alamelu Ramamurthi

Boston, MA

4:17 p.m.

A Case of Low Gradient Severe AS Caused by Restrictive Physiology

Rekha Mankad

Rochester, MN

4:25 p.m.

Panel Discussion

4:33 p.m.

Low Gradient Severe AS With Normal EF Is as Bad as High Gradient AS

Philippe Pibarot

Quebec, Canada

4:41 p.m.

Low Gradient Severe AS With Normal EF Is Not as Bad as High Gradient AS

Paul A. Grayburn

Dallas, TX

4:49 p.m.

Panel Discussion