



### Interventional Cardiology - Scientific

#### Session #602

#### Aorto-iliac Disease and Treatment: Practice at "The Edge" in Peripheral Intervention

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

Room 206

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: J. Dawn Abbott

Co-Chair: Andrew J. Klein

8:00 a.m.

Aorto-iliac Disease: Is There Any Lesion That Is Too Complex for Endovascular Intervention?

Riyaz Bashir

8:15 a.m.

Case Presentation: My Most Challenging Aorto-iliac Intervention of the Year

Peter Soukas

Providence, RI

8:20 a.m.

Case Discussion with Question and Answer

8:30 a.m.

Reducing Occupational Hazards During Complex Peripheral Intervention

Kenneth Rosenfield

Boston, MA

8:45 a.m.

All Hands on Deck: How to Prevent or Manage Complications of Aorto-iliac Intervention

Subhash Banerjee

Dallas, TX

9:00 a.m.

Debate: Stenosis of the Common Femoral Artery Should Be Treated with Surgery

Lelia Mureebe

Durham, NC

9:08 a.m.

Debate: Stenosis of the Common Femoral Artery Is Fair Game for Endovascular Therapy

Kenneth Rosenfield

Boston, MA

9:16 a.m.

Rebuttal: Pro

9:18 a.m.

Rebuttal: Con

9:20 a.m.

Question and Answer

### Interventional Cardiology - Scientific

#### Session #603

#### Assuring Quality in the Cath Lab: Documentation, Appropriate Use, Peer Review, and Public Reporting

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

Room 207 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Gregory J. Dehmer

Co-Chair: James E. Tcheng

8:00 a.m.

The Standardized Cath Report: Let's All Agree on This

James E. Tcheng

8:12 a.m.

Appropriate Use: Assuring the Physicians Best Judgement Prevails

Kalon K. L. Ho

Boston, MA

8:24 a.m.

Assessing Quality in Your Lab: Role of Peer Review and Accreditation

Charles E. Chambers

Hershey, PA

8:36 a.m.

Public Reporting Liability versus Accountability: Assuring This Is Done Correctly?

Karen Joynt

Boston, MA

8:48 a.m.

Reducing Radiation Risk: QI San Francisco Experience

Phillip Moore

San Francisco, CA

9:00 a.m.

Debate Pro: Quality Assurance in the Cath Lab, More External Oversight Is Needed

Ralph G. Brindis

Oakland, CA

9:07 a.m.

Debate Con: Quality Assurance in the Cath Lab, More External Oversight Is Needed

Frederic S. Resnic

Burlington, MA

9:14 a.m.

Rebuttal: Pro

9:17 a.m.

Rebuttal: Con

9:20 a.m.

Question and Answer

### Interventional Cardiology - Scientific

#### Session #673

#### Coronary Physiology for the Assessment of Stable CAD

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

Room 202 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Allen Jeremias

Co-Chair: Morton J. Kern

Panelist: William Fuller Fearon

Panelist: Sayan Sen Kingdom

Panelist: George A. Stouffer

8:00 a.m.

Proper FFR Analysis and Potential Pitfalls: Insights from the Core Lab

Allen Jeremias

Huntington, NY

8:10 a.m.

What's New in FFR? Contemporary FFR Studies

William Fearon

Stanford, CA

8:20 a.m.

Case Presentation: My Best FFR Cases from the Last 20 Years

Morton J. Kern

Orange, CA



8:30 a.m.  
Case Discussion

8:40 a.m.  
Do We Need Cut-Off Points? FFR as a Continuum of Risk  
Sayan Sen  
London, United Kingdom

8:50 a.m.  
Coronary Flow Versus Pressure as a Prognostic Indicator for Long Term Patient Outcomes  
Allen Jeremias  
Huntington, NY

9:00 a.m.  
Case Presentation: Physiology Guided PCI  
George A. Stouffer  
Chapel Hill, NC

9:10 a.m.  
Case Discussion

9:20 a.m.  
Question and Answer

### Interventional Cardiology - Poster Contributions

#### Session #1112

#### Head to Toe: Outcomes of Endovascular Interventions

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

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

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

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

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

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

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

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

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

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

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

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

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

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

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

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

### Interventional Cardiology - Poster Contributions

#### Session #1113

#### Considerations in Antiplatelet Therapy and in ACS

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

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

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



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

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

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

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

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

134 - Comparison of P2Y<sub>12</sub> Inhibitors for Mortality and Stent Thrombosis in Patients With Acute Coronary Syndromes: Single Centre Study of 10,793 Consecutive 'Real-World' Patients

Rebecca Gosling, Momina Yazdani, **Yasir Parviz**, Ian Hall, Ever Grech, Julian Gunn, Robert Storey, Javid Iqbal, Sheffield Teaching Hospitals NHS Foundation Trust, Sheffield, United Kingdom, University of Sheffield, Sheffield, United Kingdom

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

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

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

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

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

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

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

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

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

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

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

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

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

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

142 - Chronovariability of Platelet Reactivity With the Hemodialysis Cycle

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

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

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

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

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

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

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

146 - The Serial Platelet Function Testing Predicts Long-Term Prognosis

Among Patients Undergoing Complex Percutaneous Coronary Intervention  
**Mengmeng Li**, Quan Li, Fang Chen, Department of Cardiology, Beijing Anzhen Hospital, Beijing, People's Republic of China, Beijing Institute of Heart Lung and Blood Vessel Disease, Beijing, People's Republic of China

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

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

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

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

### Interventional Cardiology - Poster Contributions

#### Session #1114

#### Interventional Cardiology: TAVR 1

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

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

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

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

**150 - Provider Radiation Exposure During Transcatheter Aortic Valve Replacement**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Ajayram Ullal, Polydoros Kampaktsis, Rajesh Swaminathan, Shing-Chiu Wong, Robert Minutello, Dmitriy Feldman, Geoffrey Bergman, Luke Kim, Harsimran Singh, Peter Okin, NewYork-Presbyterian Hospital/Weill Cornell Medical Center, New York, NY, USA

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

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

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

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

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

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

**Interventional Cardiology - Poster Contributions****Session #1115****Interventional Cardiology: Intravascular Physiology and Endothelial Function**

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

Poster Hall, Hall C

CME Hours: 0.75 / CNE Hours: 0.75

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

Yoshiharu Fujimori, Satoshi Hashimoto, Kenichiro Ebisuda, Kazuto Kurihara, Yasushi Yamanaka, Tomoko Baba, Tomoyuki Seki, Shigeru Nishiyama, Shiho Mizutani, Kyohei Yamazaki, Tadamas Wakabayashi, Taku Imai, Suwa Central





Hospital, Department of Cardiology, Chino, Japan, Showa Inan General Hospital, Department of Cardiology, Komagane, Japan

168 - Relationship Between Coronary Physiological Parameters and Cardiac Biomarkers in Patients Undergoing Invasive Coronary Angiography  
Rikuta Hamaya, Taishi Yonetsu, Tadashi Murai, Yoshihisa Kanaji, Masahiro Hoshino, Masahiro Hada, Takayuki Niida, Sadamitsu Ichijo, Yoshinori Kanno, Tsunekazu Kakuta, Tsuchiura Kyodo General Hospital, Tsuchiura, Japan

169 - Long-Term Vascular Response to Permanent Polymer Everolimus-Eluting Stent Compared With Biodegradable Polymer Biolimus-Eluting Stent: Five-Year Follow-Up Optical Coherence Tomography Study  
Shoichi Kuramitsu, Shinjo Sonoda, Hiroyuki Jinnouchi, Yoshitaka Muraoka, Takenori Domei, Makoto Hyodo, Shinichi Shirai, Kenji Ando, Kokura Memorial Hospital, Kitakyushu, Japan

170 - Instantaneous Wave-Free Ratio Scout Pullback (iFR Scout) Pre-Angioplasty Predicts Hemodynamic Outcome in Humans With Coronary Artery Disease: Primary Results of International Multicentre iFR GRADIENT Registry  
Christopher Cook, Yuetsu Kikuta, Andrew Sharp, Pablo Salinas, Masafumi Nakayama, Gilbert Wijntjens, Sayan Sen, Ricardo Petraco da Cunha, Rasha Al-Lamee, Sukhjinder Nijjer, Atsushi Mizuno, Martin Mates, Luc Janssens, Farrel Hellig, Kazunori Horie, John Davies, Masahiro Yamawaki, Thomas Keeble, Flavio Ribichini, Ciro Indolfi, Jan Piek, Carlo Di Mario, Javier Escaned, Hitoshi Matsuo, Justin Davies, Imperial College London, London, United Kingdom

171 - Significance of Microcirculatory Resistance in Visual-Functional Mismatch Between Coronary Angiography and Fractional Flow Reserve in Non-Left Main Lesions  
Eisuke Usui, Taishi Yonetsu, Tetsumin Lee, Tadashi Murai, Yoshihisa Kanaji, Masahiro Hoshino, Takayuki Niida, Masahiro Hada, Rikuta Hamaya, Mitsuki Isobe, Tsunekazu Kakuta, Tsuchiura Kyodo General Hospital, Tsuchiura, Japan

172 - Outcomes of Fractional Flow Reserve Based Deferral in Saphenous Vein Graft Lesions  
Ahmed A. Almomanj, Naga Venkata Pothineni, Mohan Mallik Edupuganti, Jason Payne, Shiv Kumar Agarwal, Barry Uretsky, Abdul Hakeem, University of Arkansas for Medical Sciences, Division of Cardiology, Little Rock, AR, USA, Central Arkansas Veterans Healthcare System, Little Rock, AR, USA

173 - Association of Coronary Epicardial Endothelial Dysfunction With Low Endothelial Shear Stress in Patients With Mild Coronary Atherosclerosis Who Presented With Chest Pain  
Gerasimos Siasos, Jaskanwal Sara, Marina Zaromytidou, Kyoung H. Park, Shi-Wei Yang, Ahmet Coskun, Lilach Lerman, Dimitris Fotiadis, Lampros Michalis, Michail Papafaklis, Kostas Stefanou, Michelle Lucier, Charles Feldman, Amir Lerman, Peter Stone, Brigham & Women's Hospital, Harvard University, Boston, MA, USA, Mayo Clinic, Rochester, MN, USA

174 - Comparison of Very Late Vascular Response Beyond 2 Years After Stent Implantation Between EES and BES: An OCT Sub-Study of the NEXT  
Yosuke Katayama, Takashi Kubo, Takashi Akasaka, Akira Taruya, Tsuyoshi Nishiguchi, Yuichi Ozaki, Akio Kuroi, Ikuko Teraguchi, Takashi Yamano, Tomoyuki Yamaguchi, Yasushi Ino, Hironori Kitabata, Yoshiki Matsuo, Takeshi Hozumi, Atsushi Tanaka, Takeshi Kimura, Wakayama Medical University, Wakayama City, Japan

175 - Anatomic Versus Ischemic Burden in Predicting Outcomes of Coronary Artery Disease: Data From IRIS-FFR Registry  
Doyoon Kang, Jung-Min Ahn, Ungjeong Do, Osung Kwon, Kyusup Lee, Jung Ae Hong, Se Hun Kang, Pil Hyung Lee, Duk-Woo Park, Soo-Jin Kang, Seung-Whan Lee, Young-Hak Kim, Cheol Whan Lee, Seong-Wook Park, Seung-Jung Park, Heart Institute, Asan Medical Center, Seoul, South Korea

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

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

178 - Decision Making Using Fractional Flow Reserve Is Associated With Lower Rates of Incomplete Revascularization Compared With Angiographic Guided Decision Making Amongst Patients With NSTEMI  
Jamie John Layland, Jaclyn Carberry, Vanessa T. Y. May, Matthew Lee, Hany Eteiba, Mitchell Lindsay, Mark Petrie, Margaret McEntegart, Stuart Watkins, Aadil Shaikat, Keith Oldroyd, Nick Curzen, Arvind Sood, Kanarath Balachandran, Rajiv Das, Shahid Junejo, Andrew Hannah, Andrew Stewart, Robert Henderson, Alex McConnachie, Colin Berry, University of Glasgow, Glasgow, United Kingdom

179 - Comparison of Adenosine Fractional Flow Reserve and Post-Contrast Instantaneous Wave-Free Ratio for Hemodynamic Assessment of Moderate Coronary Stenoses  
Samir B. Pancholy, Sukrut Nanavaty, Neha Pancholy, Maitri Pancholy, Kaveet Pandya, John Coppola, Tak Kwan, Tejas Patel, Aman Patel, Hemant Tiwari, The Wright Center for Graduate Medical Education, Scranton, PA, USA

180 - Impact of Utilizing Fractional Flow Reserve With Percutaneous Coronary Intervention on Readmissions: An Analysis of the 2013 National Readmissions Database  
Afnan R. Tarig, Aditya Mantha, University of California Irvine, Orange, CA, USA

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

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

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

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

#### Interventional Cardiology - Poster Contributions Session #1116

**Interventional Cardiology: Translation and Pre-Clinical Research**  
Friday, March 17, 2017, 9:30 a.m. - 12:30 p.m.  
Poster Hall, Hall C  
CME Hours: 0.75 /CNE Hours: 0.75

185 - Intramyocardial Autologous CD34+ Cell Therapy for Refractory Angina: A Meta-Analysis



Poonam Velagapudi, Mohit Turagam, Dhaval Kolte, Sahil Khera, Herbert Aronow, Jane Leopold, J. Abbott, Brown University, Providence, RI, USA

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

187 - Endothelial Maturation and Function Following Implantation of Abluminal Coating Biodegradable Polymer Based Sirolimus-Eluting Metallic Stent Versus Conformal Coating Durable Polymer Based Everolimus Eluting Stent

Hirovoshi Mori, Qi Cheng, Christoph Lutter, Eduardo Acampado, Liang Guo, Matthew Kutyna, Sho Torii, Emanuel Harari, Renu Virmani, Aloke Finn, CVPath institute, Gaithersburg, MD, USA

188 - Combined Prebiotics and Probiotics Treatment Is Not Superior to Single Regimen for Cardioprotection in Obese-Insulin Resistant Rats

Nipon Chattipakorn, Wannipa Tunapong, Sakawduen Yasom, Keerati Wanchai, Titikorn Chunchai, Pongpan Tanajak, Nattayaporn Apaijai, Parameth Thienmimitr, Sasithorn Sirilun, Chaiyavat Chaiyasut, Anchalee Pongchaidecha, Anusorn Lungkapin, Wasana Pratchayasakul, Siriporn Chattipakorn, Chiang Mai University, Chiang Mai, Thailand

189 - Non-Invasive Point-of-Care Method for Measuring Left-Ventricular Stroke-Volume Using a Passive Electromagnetic Skin Patch Sensor

Fayez H. Alruwaili, Jacob Griffith, Kim Cluff, Jeremy Patterson, Wichita State University, Wichita, KS, USA

190 - Both the Novel NMR Biomarker of Inflammation, GlycA, and HS-CRP Are Independent and Additive Predictors of Future Cardiovascular Events Among Patients Undergoing Coronary Angiography: Results From the Intermountain Heart Collaborative Study

J. Brent Muhlestein, Heidi May, Oxana Galenko, Kirk Knowlton, James Otvos, Margery Connelly, Donald Lappe, Jeffrey Anderson, Intermountain Medical Center, Murray, UT, USA, LipoScience, Laboratory Corporation of America Holdings, Raleigh, NC, USA

191 - Novel Preclinical Assessment of Transcatheter Mitral Valve Replacement by Micro Computed Tomography:  $\mu$ CT Imaging Guided Histopathological Evaluation

Armando Tellez, Krista N. Hemming, Amit Vasanji, Zacahry J. Kaufman, Brett A. Hoover, Muralidhar Padala, Dane A. Brady, Serge Rousselle, Alizee Pathology, Thurmont, MD, USA, Image IQ, Cleveland, MD, USA

192 - Deliverability and Safety of a Novel Non-Invasive, Ultrasound-Based Renal Nerve Ablation System in a Large Preclinical Model via Histopathological Evaluation

Armando Tellez, Michael Gertner, Krista N. Dillon, Don Christopher, Dane Brady, Serge Rousselle, Alizee Pathology, Thurmont, MD, USA, Kona Medical, Bellevue, WA, USA

193 - Comparison of *In Vivo* Optical Coherence Tomography Derived Plaque Phenotype and Burden With Histology in a Porcine Model of Advanced Coronary Atherosclerosis

Christian Bo Poulsen, Ryan Pedrigi, Niels Holm, Nilesh Pareek, Ismail Kilic, Anouk L. Post, Carlo Di Mario, Jacob Bentzon, Hans Botker, Erling Falk, Rob Krams, Ranil de Silva, Department of Cardiology Aarhus University Hospital, Aarhus, Denmark, Imperial College London, London, United Kingdom

194 - Boron Based Hgf Memetic Molecule Has Cardioprotective Role Against Ischemia-Reperfusion Injury

Zubair Shah, Tanner Buehler, Lei Chen, Robert Vincent, Guangmimng Cheng, Bhaskar Das, Buddhadeb Dawn, University of Kansas Medical Center, Kansas City, KS, USA

195 - A Clonal Population of Allogeneic Bone Marrow Fibroblasts Indirectly Mitigates Damage in Myocardial Infarction

Yen-Wen Liu, Mineo Iwata, Elina Minami, Kraig Abrams, Beverly Torok-Storb, National Cheng Kung University Hospital, Tainan, Taiwan, ROC

196 - Host Intestinal Epithelium Derived MiRNAs Shape the Microbiota and Its Implication in Cardiovascular Diseases

Lianbi Zhao, Xueying Zhou, Wenbin Cai, Ruijing Shi, Guodong Yang, Lijun Yuan, Department of Ultrasound Diagnostics, Tangdu Hospital, Fourth Military Medical University, Xi'an, People's Republic of China, Department of Biochemistry and Molecular Biology, Fourth Military Medical University, Xi'an, People's Republic of China

### Interventional Cardiology - Moderated Poster Contributions Session #1135M

#### Refining PCI Technique and Outcomes

Friday, March 17, 2017, 10 a.m. - 12 p.m.

Interventional Cardiology Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 2 /CNE Hours: 2

ACC Poster Moderator: Thomas J. Povsic

ACC Poster Moderator: John Paul Vavalle

10:00 a.m.

Treatment of Left Main Coronary Artery Disease in Patients With Diabetes: 3-Year Outcomes Comparing CABG and PCI With Everolimus-Eluting Stents From the EXCEL Study

A. Pieter Kappetein, Milan Milojevic, Patrick Serruys, Joseph Sabik, Stuart Head, David Kandzari, Eric Schampaert, David Taggart, Ferenc Horkay, Kovacs Imre Laszlo, Samer Mansour, Adrian Banning, Manel Sabate, Andrezej Bochenek, Jose Pomar, Nicholas Lembo, Nicolas Noiseux, John Puskas, Ioanna Kosmidou, Roxana Mehran, Ori Ben-Yehuda, Philippe Genereux, Charles Simonton, Stuart Pocock, Gregg Stone, Erasmus MC, Rotterdam, The Netherlands

10:10 a.m.

Question and Answer

10:15 a.m.

External Validation of DAPT Score in Two Large Cohorts

Yiu Tung Anthony Wong, Do-Yoon Kang, Jung-Min Ahn, Ungjeong Do, Osung Kwon, Kyusup Lee, Jung Ae Hong, Se Hun Kang, Pil Hyung Lee, Duk-Woo Park, Soo-Jin Kang, Seung-Whan Lee, Young-Hak Kim, Cheol Whan Lee, Seong-Wook Park, Seung-Jung Park, Heart Institute, Asan Medical Center, Seoul, South Korea

10:25 a.m.

Question and Answer

10:30 a.m.

Comparison of Verapamil Versus Heparin Therapy on Procedural Success During Transradial Coronary Procedures (Vermut Study)

Matteo Tebaldi, Simone Biscaglia, Carlo Tumscitz, Francesco Gallo, Giosafat Spitaleri, Annamaria Del Franco, Gianluca Campo, Cardiology Unit, Azienda Ospedaliera Universitaria di Ferrara, Ferrara, Italy

10:40 a.m.

Question and Answer

10:45 a.m.

Three-Year Results From the EVOLVE II Randomized Trial: Late Clinical Outcomes With Bioresorbable Compared to Permanent Polymer Everolimus-Eluting

Dean J. Kereiakes, Ian Meredith, Stephan Windecker, Josep Rodes-Cabau, Tommy Lee, Arthur Reitman, Andrejs Erglis, Mark Dorogy, Barry Bertolet, Louis Cannon, Juhani Airaksinen, Craig Siegel, Thomas Christen, Dominic Allocco, Keith Dawkins, The Christ Hospital Heart and Vascular Center/ The Lindner Research Center, Cincinnati, OH, USA



10:55 a.m.

Question and Answer

11:00 a.m.

Final 3-Year Clinical Outcomes of Patients Treated With Everolimus-Eluting Bioresorbable Scaffolds Versus Everolimus-Eluting Metallic Stents: A Propensity Score Comparison of Patients Enrolled in the Extend and SPIRIT Trials

Jose de Ribamar Costa, Alexandre Abizaid, Antonio Bartorelli, Robert Whitbourn, Patrick Serruys, Instituto Dante Pazzanese, São Paulo, Brazil

11:10 a.m.

Question and Answer

11:15 a.m.

Outcomes of PCI Versus CABG in Left Main Disease According to SYNTAX Score by Site Versus Angiographic Core Laboratory Assessment: Insights From the EXCEL Trial

Philippe Genereux, Patrick Serruys, A. Kappetein, Ad Van Boven, Mark Hickey, David Kandzari, Erick Schampaert, Ferenc Horkay, Imre Ungi, Samer Mansour, Stuart Pocock, Adrian Banning, David Taggart, Manel Sabate, Anthony Gershlick, Piet Boonstra, Nicholas Lembo, John Puskas, Ioanna Kosmidou, W. Morris Brown, Roxana Mehran, Ori Ben-Yehuda, Charles Simonton, Joseph Sabik, Gregg Stone, Cardiovascular Research Foundation, New York, NY, USA, Columbia University Medical Center, New York, NY, USA

11:25 a.m.

Question and Answer

11:30 a.m.

Appropriate Use Criteria and Health Status Outcomes After CTO PCI: Results From the OPEN CTO Registry

John Thomas Saxon, Adam Salisbury, James Grantham, James Sapontis, William Lombardi, Dimitrios Karpaliotis, Jeffrey Moses, Yuanyuan Tang, David Cohen, John Spertus, David Safley, University of Missouri Kansas City, Kansas City, MO, USA, Saint Luke's Mid America Heart Institute, Kansas City, MO, USA

11:40 a.m.

Question and Answer

11:45 a.m.

mTors Inhibitors Increase Endothelial Permeability and Prevent Maturation: Uncovering the Mechanism of Neoatherosclerosis in Drug Eluting Stents

Emanuel Harari, Frank Kolodgie, Liang Guo, Eduardo Acampado, Matthew Kutyna, Hiroyoshi Mori, Samantha Smith, Alope Finn, Renu Virmani, CVPath Institute Inc., Gaithersburg, MD, USA

11:55 a.m.

Question and Answer

### Interventional Cardiology - Live Cases

#### Session #200

#### Interventional Live Case Session I: Structural Transmission from Cleveland Clinic (Cleveland, Ohio)

Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.

Hall D (Main Tent)

CME Hours: 1.5 /CNE Hours: 1.5

12:15 p.m.

Live Case Operator

Samir R. Kapadia

Cleveland, OH

Co-Chair: Eberhard Grube

Co-Chair: Azeem Latib

Panelist: Ganesh Manoharan Kingdom

Panelist: Alan Zajarias

Panelist: Anita W. Asgar

Panelist: Christopher Meduri

Panelist: David A. Wood

### Interventional Cardiology - Scientific

#### Session #614

#### Controversies and Strategies for Endovascular Treatment of the Femoropopliteal Segment

Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.

Room 201

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Douglas E. Drachman

Co-Chair: Lawrence A. Garcia

12:15 p.m.

Emerging Strategies for Crossing Femoropopliteal CTO: Many Strategies, Many Devices, but What About an Algorithm?

Mehdi Shishehbor

12:30 p.m.

How to Treat Complex FP Disease: PTA, DCB, Atherectomy, Stent but Little Comparative Data. Is There Such a Thing as "Best Practice?"

D. Christopher Metzger

Kingsport, TN

12:45 p.m.

Case Presentation: Complex Decision-making in Femoropopliteal Intervention

Beau Michael Hawkins

Oklahoma City, OK

12:50 p.m.

Case Discussion with Question and Answer

1:00 p.m.

Vascular Access Options for Femoropopliteal Intervention: How I Decide on Point of Access, Orientation of Sheath, Interventional "Platform" and Patient Position

Ehrin Armstrong

Denver, CO

1:15 p.m.

Complications Associated with Femoropopliteal Intervention: How They Happen, How to Deal with Them, and How to Avoid Them

Sahil A. Parikh

Cleveland, OH

1:30 p.m.

Question and Answer

### Interventional Cardiology - Scientific

#### Session #615

#### Great Minds Think Differently: Multidisciplinary Approach to Controversies in Cardiology

Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.

Room 202 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Sarah Clarke

Co-Chair: Lauren Morris

Panelist: Philippe Genereux

Panelist: David E. Kandzari

Panelist: Tim Martin

Panelist: Michael J. Mack

Panelist: Susheel K. Kodali

12:15 p.m.

Implementation of the Heart Team: Challenges in Practice

Martina Speight

Stanford, CA



12:30 p.m.

Case Presentation: Completeness of Revascularization... Is it Necessary? Case Based Options for Treating Complex Coronary Disease  
Nicholas N. Hanna  
La Jolla, CA

12:35 p.m.

Case Discussion with Question and Answer

12:50 p.m.

Case Presentation: THV When There Is More Than One Valve Involved? MR and AS (Surgical Versus THV Options)  
Amy E. Simone  
Atlanta, GA

12:55 p.m.

Case Discussion with Question and Answer

1:10 p.m.

Case Presentation: IsR in the Peripheral SX - DEB/Stenting, POBA  
Jaafer Golzar  
Chicago, IL

1:15 p.m.

Case Discussion with Question and Answer

1:30 p.m.

Last Resort Access for TAVR: Treating Patients That Don't Have Access-  
Trancaval and Carotid  
Vinayak Nilkanth Bapat  
London, United Kingdom

### Interventional Cardiology - Scientific

#### Session #616

#### Frontier in New Transcatheter Techniques

Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.

Room 206

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Ted Feldman

Co-Chair: Michael J. Reardon

Panelist: Saif Anwaruddin

Panelist: Marian Hawkey

Panelist: Neal S. Kleiman

Panelist: Neil E. Moat Kingdom

12:15 p.m.

Devices in Trials in the US: The Lotus, Directflow, Portico TAVR Valves  
Isaac George  
New York, NY

12:28 p.m.

Devices Approved in the US: SAPIEN 3 and Evolut  
Mathew Williams  
New York, NY

12:41 p.m.

Update on Cerebral Protection Devices: Should This Be the Standard of Care?  
Samir R. Kapadia  
Cleveland, OH

12:54 p.m.

New Sheath and Large Vessel Closing Technology  
Torsten Vahl  
New York, NY

1:07 p.m.

Transcatheter Mitral Valve Repair and Replacement  
Vinod H. Thourani  
Atlanta, GA

1:20 p.m.

Transcatheter Tricuspid Valve Update  
Francesco Maisano  
Zurich, Switzerland

1:33 p.m.

Panel Discussion with Question and Answer

### Interventional Cardiology - Scientific

#### Session #617

#### Debates on Current Hot Topics in Coronary Intervention

Friday, March 17, 2017, 12:15 p.m. - 1:45 p.m.

Room 207 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Herbert D. Aronow

Co-Chair: Spencer B. King

12:15 p.m.

Revascularization in Ischemic Cardiomyopathy: Has the Paradigm Shifted?

12:15 p.m.

Debate Con: No, Medical Therapy is Still the Gold Standard  
James C. Fang

12:24 p.m.

Debate Pro: Yes, the Data Favor Invasive Management and Revascularization for These Patients  
Ajay J. Kirtane  
New York, NY

12:33 p.m.

Question and Answer

12:37 p.m.

Drug-eluting Stents: Have We Made Another Leap Forward with Fully Bioresorbable Drug-eluting Stents?

12:37 p.m.

Debate Pro: Yes, Bioresorbable Scaffolds Represent the Future of PCI  
David Gerard Rizik  
Scottsdale, AZ

12:46 p.m.

Debate Con: No, the Newer Technologies Are Interesting but Shouldn't Replace Current Generation DES  
Frederick G.P. Welt  
Salt Lake City, UT

12:55 p.m.

Question and Answer

12:59 p.m.

Totally Occluded Coronary Arteries Should be Opened!

12:59 p.m.

Debate Pro: Most CTOs Should be Opened Because it Improves Outcomes!  
Dimitrios Karmpaliotis  
New York, NY

1:08 p.m.

Debate Con: Most CTOs Do Not Need to be Opened Because There Are No Trials Supporting It!  
Eric R. Bates  
Ann Arbor, MI

1:17 p.m.

Question and Answer





1:22 p.m.

What Is the Optimal Use of Hemodynamic Support in High Risk PCI and Shock?

1:22 p.m.

Debate Pro: Hemodynamic Support Can Provide Important Benefits and Is Underused!

James M. McCabe

Mercer Island, WA

1:31 p.m.

Debate Con: Hemodynamic Support Devices Should Be Selectively Used!

Holger Thiele

Lubeck, Germany

1:40 p.m.

Question and Answer

### Interventional Cardiology - Poster Contributions

#### Session #1153

#### Interventional Cardiology: Angiography, Intravascular Imaging and Interventional CT/MR

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

117 - Comparison of Coronary Calcification Detection Between Multi-Detector Computed Tomography and Optical Coherence Tomography  
Linghong Shen, Richard Schlofmitz, Mitsuaki Matsumura, Jane Jie Cao, Akiko Maehara, Cardiovascular Research Foundation, New York, NY, USA, St. Francis Hospital, Roslyn, NY, USA

118 - Usefulness of Optical Coherence Tomography-Derived Morphometric Assessment to Predict Physiological Significance of Coronary Artery Stenosis and Determinants of Mismatch: Head-to-Head Comparison With Intravascular Ultrasound

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

119 - Semi-Quantitative Evaluation of Coronary Arterial Patency After Implantation of a Metallic Stent: A Comparison Between 320 Slice CT and Invasive Coronary Angiogram With Consideration of Stent Size, Length, and Type, as Well as the Specific Coronary Artery Implanted

Nobusada Funabashi, Hiroyuki Takaoka, Yoshihide Fujimoto, Yoshio Kobayashi, Chiba University, Chiba, Japan

120 - Pilot Study of Dynamic Coronary Roadmap During Coronary Angioplasty  
Anil Kumar Rajappan, Aster Medcity, Ernakulam, India, Philips Healthcare, Netherlands, Netherlands Antilles

121 - Long Term Sequelae of Kawasaki Disease

Archana Kodali, Koroush Khalighi, Richie Manikat, Easton Hospital, Easton, PA, USA

122 - Comparison of Procedural Efficacy of Coronary Angiography in Octogenarian, Nonagenarian and General Population

Amornpol Anuwatworn, Alexander Pham, Udit Bhatnagar, Shenjing Li, Vishesh Kumar, Jimmy Yee, James Higgins, Terezia Petraskova, Julia Stys, Paul Thompson, Adam Stys, Tomasz Stys, Sanford USD Medical Center, Sanford Cardiovascular Institute, Sioux Falls, SD, USA

123 - Can CHA2DS2-VASc Score Be Used as a Predictor of Contrast Induced Nephropathy After Cardiac Catheterization?

Yub Raj Sedhai, Santosh Timalina, Ankush Asija, Tatvam Choksi, Waseem Ahangar, David Gevorgyan, Reshma Golamari, Madhura Borikar, Tawseef Dar, Joseph Alukal, Jose Missri, Mercy Catholic Medical Center, Darby, PA, USA

124 - Technique and Utility of CT Angiography Fluoroscopy Image Fusion to Guide Percutaneous Pulmonary Valve Implantation in Adults

Akanksha Thakkar, Ponraj Chinnadurai, Basel Ramlawi, John Breinholt, Gary Monteiro, Alan Lumsden, C. Huie Lin, Houston Methodist DeBakey Heart and Vascular Center, Houston, TX, USA

125 - Morphologic Patterns of In-Stent Chronic Total Occlusions: An Intravascular Ultrasound Study

Dong Yin, Akiko Maehara, Gary Mintz, Raja Hatem, Lei Song, Kisaki Amemiya, Jeffrey Moses, Manish Parikh, Ajay Kirtane, Tamim Nazif, Khady Fall, Ming Liao, Tiffany Kim, Philip Green, Ziad Ali, Martin Leon, Masahiko Ochiai, Dimitrios Karpaliotis, Cardiovascular Research Foundation, New York, NY, USA

126 - Association Between Syntax Score, and Pre- and Post-Stenting Optical Coherence Tomography Findings in Stable Angina Patients

Krzysztof Bryniarski, Yamamoto Erika, Jiannan Dai, Thomas Zanchin, Tomoyo Sugiyama, Lei Xing, Hang Lee, Ik-Kyung Jang, Massachusetts General Hospital, Boston, MA, USA

127 - The Effectiveness of Excimer Laser Angioplasty to Treat Coronary In-Stent Restenosis With Peri-Stent Calcium as Assessed by Optical Coherence Tomography

Cheolmin Lee, Richard Shlofmitz, Lei Song, Theofanis Tsiamtsiouris, Thomas Pappas, Antonio Madrid, Fernando Sosa, Mitsuaki Matsumura, Dong Yin, Jeffrey Moses, Elizabeth Haag, Gary Mintz, Akiko Maehara, Cardiovascular Research Foundation, New York, NY, USA, Columbia University Medical Center, New York, NY, USA

128 - Relationship Between Optical Coherence Tomography-Defined In-Stent Neoatherosclerosis and Out-Stent Arterial Remodeling Assessed by Serial Intravascular Ultrasound Examinations in Late and Very Late Drug-Eluting Stent Failure

Makoto Araki, Taishi Yonetsu, Tadashi Murai, Yoshihisa Kanaji, Eisuke Usui, Masahiro Hoshino, Masahiro Hada, Takayuki Niida, Rikuta Hamaya, Sadamitsu Ichijo, Yoshinori Kanno, Tsunekazu Kakuta, Yokosuka Kyosai Hospital, Yokosuka, Kanagawa, Japan, Tsuchiura Kyodo General Hospital, Tsuchiura, Ibaraki, Japan

129 - The Use of a Newer Generation Radiation Reduction Algorithm Has Led to Lower Radiation Doses in Coronary Angiography: A Two Year Single-Center Retrospective Analysis

Clement Wu, Khung Keong Yeo, Soo-Teik Lim, National Heart Centre, Singapore, Singapore

130 - Improving the Safety Profile of Diagnostic Coronary Bypass Angiography  
Eddie Brown, Claudine Dumandan, Mobasser Mahmood, James Blankenship, Geisinger Medical Center, Danville, PA, USA

### Interventional Cardiology - Poster Contributions

#### Session #1154

#### PCI for NSTEMI and Complex Patients With Multiple Co-Morbidities

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

131 - Platelet Reactivity and Outcomes After PCI of Saphenous Vein Grafts Versus Native Coronary Arteries: The ADAPT-DES Study

Biorn Redfors, Philippe Genereux, Ajay Kirtane, Bernhard Witzentichler, Michael Rinaldi, F. J. Neumann, David Metzger, Timothy Henry, David Cox, Peter L. Duffy, Ernest Mazzaferri, Paul Gurbel, Bruce Brodie, Thomas Stuckey, Thomas McAndrew, Jamie Elizabeth Diamond, Xin Huang, Roxana Mehran, Gregg Stone, Cardiovascular Research Foundation, New York, NY, USA

148 - Independent Predictors of MACE at Different Time Points After the Treatment of Non-Selected Patients With Drug-Eluting Stents: An Analysis of the Desire Registry



Jose de Ribamar Costa, Amanda Sousa, Adriana Moreira, Ricardo Costa, Galo Maldonado, Manuel Cano, Cantidio Moura Neto, J. Eduardo Sousa, HCOR, São Paulo, Brazil

132 - Early Versus Delayed Invasive Intervention for Non-ST Segment Elevation Myocardial Infarction in Patients Older Than 80 Years: A Nationwide Analysis

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

133 - Percutaneous Coronary Intervention (PCI) Outcomes and Hospital Outliers in California

William J. Bommer, Beate Danielsen, Joseph Carey, Suresh Ram, Jason Rogers, University of California, Davis, Davis, CA, USA

134 - Thirty-Day Readmission Rate and Cost After Percutaneous Coronary Intervention in the United States: A National Readmission Database Analysis

Avnish Tripathi, J. Abbott, Gregg Fonarow, Abdur Khan, Sadip Pant, Sohail Ikram, Rita Coram, Harsh Golwala, Brahmajee Nallamothu, Deepak Bhatt, Division of Cardiology, University of Louisville, Louisville, KY, USA

135 - Frail Older Patients Have a Greater Improvement in Physical Quality of Life Than Robust Patients at One Year Following Invasive Treatment for Non-ST Elevation Acute Coronary Syndrome

Vijayalakshmi Kunadian, Hannah Sinclair, Jonathan Batty, Sophie Z. Gu, Benjamin Beska, Murugapathy Veerasamy, Gary A. Ford, Weiliang Qiu, Institute of Cellular Medicine, Newcastle University, Newcastle upon Tyne, United Kingdom, Cardiothoracic Centre, Freeman Hospital, Newcastle upon Tyne, United Kingdom

136 - The Feasibility and Safety of Same Day Discharge for All Comers After Elective Percutaneous Coronary Interventions

Ali Hama Amin, Sami Aljohani, Peter Farjo, Kinjan Patel, Mohammad Akram Kawsara, Fahad Alqahtani, Chalak Berzingi, Anthony Roda-Renzelli, Jason Moreland, Wissam Gharib, Mohamad Alkhouli, West Virginia University-Heart and Vascular Institute, Morgantown, WV, USA

140 - More Bleeding and Myocardial Infarctions Post-PCI in Patients With BMI Over 30

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

137 - Predictors of Survival From Out-of-Hospital Cardiac Arrest

Sri Raveen Kandan, Hazim Rahbi, Kieron Rooney, Matthew Thomas, Abdul Mozid, Stephen Dorman, Andreas Baumbach, Thomas Johnson, Julian Strange, Bristol Heart Institute, Bristol, United Kingdom, Bristol Royal Infirmary, Bristol, United Kingdom

138 - Predictors of 90-Day Readmission and In Hospital Mortality Amongst Patients Undergoing Percutaneous Coronary Interventions: Insights From a National Database

Shilpkumar Arora, Prashant Patel, Harshil Shah, Varun Kumar, Chirag Savani, Kosha Thakore, Sidakpal Panaich, Rajvee Patel, Ambarish Pathak, Apurva Badheka, Mount Sinai St. Luke's Roosevelt Hospital, New York, NY, USA

139 - Prognostic Value of Coronary Computed Tomography Angiography, Myocardial Perfusion Imaging and Invasive Coronary Angiography in Kidney Transplantation Candidates: A Prospective Cohort Study

Simon Winther, My Svensson, Hanne S. Jørgensen, Laust D. Rasmussen, Lars Gormsen, Niels Holm, Kirsten Bouchelouche, Hans Erik Boetker, Per Ivarsen, Morten Boettcher, Department of Cardiology, Aarhus, Denmark

141 - Comparing PCI Outcomes in the Very Elderly: Does Age Matter? A Report From Outcomes of Septuagenarians, Octogenarians and Nonagenarians After PCI

Suraj Rasanja, Usman Baber, George Dangas, Roxana Mehran, Srinivas Kesanakurthy, Nitin Barman, Joseph Sweeny, Choudhury Hasan, Annapoorna Kini, Samin Sharma, Mount Sinai Medical Center Icahn School of Medicine, New York, NY, USA

142 - The Contrast Volume to Creatinine Clearance Ratio Predicts Contrast-Induced Nephropathy in Patients With Chronic Kidney Disease Undergoing Percutaneous Coronary Intervention

Xiaosheng Guo, Jiyan Chen, Yong Liu, Ning Tan, Yingling Zhou, Weijie Bei, Hualong Li, Shiqun Chen, Liwen Li, Guangdong Cardiovascular Institute, Guangzhou, People's Republic of China, Guangdong General Hospital, Guangdong Academy of Medical Sciences, Guangzhou, People's Republic of China

143 - Percutaneous Coronary Intervention in Patients With Recent Gastrointestinal Bleeding: Insights From the Blue Cross Blue Shield of Michigan Cardiovascular Consortium

Devraj Sukul, Milan Seth, Hitinder Gurm, University of Michigan, Ann Arbor, MI, USA

144 - Percutaneous Coronary Intervention in Adults Age 75 Years or Older With ST Elevation Myocardial Infarction and Cardiogenic Shock

Abdulla Damluji, Mohammed Al-Damluji, Mauro Moscucci, LifeBridge Health Research Institute, Baltimore, MD, USA, Johns Hopkins University, Baltimore, MD, USA

145 - A Novel Approach to Pre-Procedural Planning of Percutaneous Interventions: Value of 3D Printing and Fluoroscopic Evaluation

Terry D. Bauch, Pugazhendhi Vijayaraman, Kishore Harjai, Geisinger Health System, Danville, PA, USA

146 - In-Stent Restenosis of Drug-Eluting Stents: Incidence, Lesion Characteristics and Outcomes in Contemporary Practice Over the Last Decade - How Are They Different From De Novo Lesions?

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

147 - Management and Outcomes of Non-ST Elevation Myocardial Infarction in Patients Hospitalized for Non-Cardiac Conditions

Anthony J. Mazzella, Akinniran Abisogun, Melissa Caughey, Xuming Dai, University of North Carolina at Chapel Hill, Chapel Hill, NC, USA

### Interventional Cardiology - Poster Contributions

#### Session #1155

#### Coronary Intervention in Interventional Cardiology: Advanced Device Use

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

149 - Intravascular Imaging Comparison of Two Metallic Limus-Eluting Stents Abluminally Coated With Biodegradable Polymers: IVUS and OCT Results of the DESTINY Trial

Jose de Ribamar Costa, Daniel Chamie, Alexandre Abizaid, Expedito Ribeiro, George Meireles, Mauricio Prudente, Ricardo Costa, Pedro Lemos, IDPC, São Paulo, Brazil, INCOR, São Paulo, Brazil

150 - Veno-Arterial ECMO Program for Refractory Cardiogenic Shock in the Cardiac Intensive Care Unit: Feasibility and Outcome Data at a Large Tertiary Academic Center

Carlos Leon Alviar, Alejandra Gutierrez, Terence Hill, Amar Krishnaswamy, Deborah Klein, Nader Moazami, Venu Menon, Cleveland Clinic Foundation, Cleveland, OH, USA



151 - Twelve Month Follow-Up Data From the ONYX CORE Trial: Angiographic and Clinical Performance of Next Generation Resolute Onyx Drug-Eluting Stent

Matthew J. Price, Richard Shlofmitz, Douglas Spriggs, Thomas Haldis, Paul Myers, Alexandra Popma-Almonacid, Akiko Maehara, Beth Moe, Yun Peng, Roxana Mehran, Scripps Clinic, La Jolla, CA, USA

152 - QRS Duration Alterations After Left Ventricular Assist Device Implantation in Patients With Advanced Heart Disease

Megan Stout, Baher Guirguis, Samy Elayi, Hesham Omar, Maya Guglin, University of Kentucky College of Medicine, Lexington, KY, USA, University of Kentucky Department of Cardiology, Lexington, KY, USA

153 - Coronary Atherectomy for Treatment of Calcified Coronary Artery Lesions Is Associated With Increased Procedural Success and Lower

Procedural Complication Rates: Insights From a National Veteran Cohort  
Ehrin J. Armstrong, Maggie Stanislawski, Meg Plomondon, Subhash Banerjee, Stephen Waldo, Denver VA Medical Center, Denver, CO, USA

154 - Angiography Versus Optical Coherence Tomography Guided Percutaneous Coronary Intervention: A Meta-Analysis of Clinical Outcomes

Poonam Velagapudi, Mohit Turagam, Herbert Aronow, Sahil Khera, Dhaval Kolte, J. Abbott, Brown University, Providence, RI, USA, University of Missouri, Columbia, MO, USA

155 - Innovative Technique to Achieve Hemostasis With Large Bore Access for Percutaneous Hemodynamic Support Devices

Ruchir Patel, Mahmoud Ali, Steven Nair, Mohammad Alqarqaz, Gerald Koenig, Mohammad Zaidan, Henry Kim, William O'Neill, Khaldoun Alaswad, Henry Ford Hospital/Wayne State University, Detroit, MI, USA

156 - Contemporary Use of Laser During Percutaneous Coronary Intervention: Results From the Laser Veterans Affairs (LAVA) Multicenter Registry

Judit Karacsonyi, Ehrin Armstrong, Huu Tam Truong, Jose Martinez Parachini, Aya Alame, Barbara Danek, Aris Karatasakis, Phuong-Khanh Nguyen-Trong, Rahel Iwnetu, Erica Resendes, Pratik Kalsaria, Michele Roesle, Housman Khalili, Ryan Tsuda, Damianos Kokkinidis, Imre Ungi, Subhash Banerjee, Emmanouil Brilakis, Bavaria Rangan, University of Texas Southwestern Medical Center and Dallas VA Medical Center, Dallas, TX, USA

157 - Comparison of IABP With pLVAD in the Setting of Complex PCI and Cardiogenic Shock

Perwaiz M. Meraj, Rajkumar Doshi, Amitkumar Patel, Anmol Singh, Sheryl Kompancaril, Rebecca Sgroi, Northwell Health, Manhasset, NY, USA

158 - Clinical Outcomes Associated With Impella Versus IABP Use in Stable Patients Undergoing High Risk Percutaneous Coronary Intervention

Sabato Sorrentino, Usman Baber, Jaya Chandrasekhar, Serdar Farhan, Michela Faggioni, Birgit Vogel, Samantha Sartori, Jason Kovacic, Pedro Moreno, Javed Suleman, Pooja Vijay, Gennaro Giustino, George Dangas, Roxana Mehran, Annapoorna Kini, Samin Sharma, Interventional Cardiovascular Research & Clinical Trials, Icahn School of Medicine at Mount Sinai, New York, NY, USA

159 - Impella or Intra-Aortic Balloon Pump Support in Patients Undergoing High Risk Percutaneous Coronary Intervention: A Real World Single Center Experience

Sabato Sorrentino, Usman Baber, Jaya Chandrasekhar, Serdar Farhan, Michela Faggioni, Birgit Vogel, Samantha Sartori, Jason Kovacic, Pedro Moreno, Kesanakurthy Srinivas, Pooja Vijay, Gennaro Giustino, George Dangas, Roxana Mehran, Annapoorna Kini, Samin Sharma, Mount Sinai, New York, NY, USA

160 - A Meta-Analysis of Contemporary Lesion Modification Strategies During Percutaneous Coronary Intervention in 244,665 Patients From 21 Studies

Barbara Anna Danek, Aris Karatasakis, Judit Karacsonyi, Waleed Alharbi, Michele Roesle, Bavaria Rangan, M. Nicholas Burke, Subhash Banerjee, Emmanouil Brilakis, University of Texas Southwestern Medical Center, Dallas, TX, USA, Minneapolis Heart Institute, Minneapolis, MN, USA

161 - Three-Year Outcomes in 'Real-World' Patients Treated With a Thin-Strut, Platinum-Chromium, Everolimus-Eluting Stent in the PROMUS Element Plus U.S. Post-Approval Study (PE-Plus PAS)

David E. Kandzari, Jeffrey Chambers, Stilianos Efstratiadis, Matthew Wolff, Steve Lin, Anthony White, Stephen McIntyre, Michael Kelberman, William Berg, Alan Moak, Sandeep Dube, Thomas Christen, Keith Dawkins, Piedmont Heart Institute, Atlanta, GA, USA

162 - Performance of the Lithoplasty System in Treating Calcified Coronary Lesions Prior to Stenting: Results From the Disrupt CAD OCT Sub-Study

Todd J. Brinton, Ziad Ali, Carlo Di Mario, Jonathan Hill, Robert Whitbourn, Matthias Gotberg, Uday Illindala, Akiko Maehara, Nicolas Van Mieghem, Ian Meredith, Jean Fajadet, Stanford University, Stanford, CA, USA

163 - Early Unloading With Impella Support in Acute MI With Cardiogenic Shock Linked to Decreased Infarct Size, In-Hospital Mortality, and Hospital Length of Stay

Shailendra Singh, Yonathon Litwok, Evelina Grayver, Stacey Rosen, Alexander Lee, Hofstra Northwell School of Medicine, Manhasset, NY, USA

165 - Facilitation of Stent Delivery With the GuideLiner Catheter

Mohamed Ali, Hatim Yagoub, Alice Brennan, Donal Cahill, Samer Arnous, Terence Hennessy, Brendan Meany, Brian Hynes, Thomas Kiernan, University Hospital Limerick, Limerick, Ireland

166 - Clinical Outcomes After Implantation of Absorb BVS in a Real World Setting, With Pre- and Post-Dilatation, Guided by Intravascular Ultrasound & Optical Coherence Tomography

Costantino R. Costantini, Sergio Tarbine, Costantino O. Costantini, Marcelo Freitas, Daniel A. Zanuttini, Marcos Denk, Hospital Cardiologico Costantini, Curitiba, Brazil

### Interventional Cardiology - Poster Contributions

#### Session #1156

#### Structural Heart Interventions: Focus on Mitral Valve, Left Atrial Appendage and HOCM

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 / CNE Hours: 0.75

167 - Impact of Residual Left Atrial Appendage Trabeculations After WATCHMAN Device Implantation in Atrial Fibrillation Patients

Krissada Meemook, Shunsuke Kubo, Yoshifumi Nakajima, Mamoo Nakamura, Asma Hussaini, Saibal Kar, Heart Institute, Cedars-Sinai Medical Center, Los Angeles, CA, USA

169 - 3D Printed Patient-Specific Multi-Material Modeling of Mitral Valve Apparatus

Marija Vukicevic, Eleonora Avenatti, Stephen Little, Houston Methodist Hospital, Houston, TX, USA

170 - Acute Changes in Left Atrial Pressure Following MitraClip are Associated With Long Term Improvement in 6 Min Walk Distance

Elad Maor, Claire Raphael, Sidakpal Panaich, Guy Reeder, Charanjit Rihal, Mackram F. Eleid, Mayo Clinic, Rochester, MN, USA

171 - Change in Utilization Trends of Percutaneous Atrial Septal Defect Closure Post 2008 ACC/AHA Guidelines for Adults With Congenital Heart Disease

Siva Sagar Taduru, Shubha Deep Roy, Madhuri Ramakrishnan, Rakesh Ponnappureddy, Paramdeep Baweja, University of Missouri Kansas City, Kansas City, MO, USA



172 - Insights Into Outcomes With Intracardiac Echocardiogram Use in Structural Interventions

Prashant Patel, Shilpkumar Arora, Sopan Lahewala, Nirali Patel, Ambarish Pathak, Abhishek Deshmukh, Sidakpal Panaich, Apurva Badheka, Mount Sinai St. Luke's Roosevelt, New York, NY, USA

173 - Transcatheter Mitral Valve Repair (Mitraclip) in United States: Etiologies and Predictors of Readmission and In-Hospital Mortality From the Nationwide Readmission Database

Sidakpal Panaich, Shilpkumar Arora, Elad Maor, Claire Raphael, Nilay Patel, Harshil Shah, Varun Kumar, Apurva Badheka, Abhishek Deshmukh, Mackram F. Eleid, Rajvee Patel, Charanjit Rihal, Mayo Clinic, Rochester, MN, USA

175 - Comparison of Transesophageal Echocardiography and Computed Tomography Angiography for Left Atrial Appendage Evaluation Prior to WATCHMAN Implantation

David McNeely, Kim L. Sandler, Michael Baker, Christopher R. Ellis, Vanderbilt University Medical Center, Nashville, TN, USA

176 - Pulmonary Venous Waveforms Predict Ventricular Remodeling After Percutaneous Mitral Valve Repair

Frank Corrigan, Aneel Maini, Ankit Parikh, Ioannis Parastatidis, Patricia Keegan, Sharon Howell, Vinod Thourani, Stephen Clements, Vasilis Babaliaros, Stamatios Lerakis, Emory University School of Medicine, Divisions of Cardiology and Cardiothoracic Surgery, Atlanta, GA, USA

177 - Increased Left Atrial Compliance Is an Independent Predictor of Improved Functional Capacity After Percutaneous Mitral Valvuloplasty  
Bruno Ramos Nascimento, Guilherme Rafael S. Athayde, Lucas Junqueira, Juliana R. Soares, Thiago N. R. Reis, Gabriel P. Saad, William Esteves, Maria do Carmo Nunes, Hospital das Clínicas da Universidade Federal de Minas Gerais, Belo Horizonte, Brazil

178 - Independent Pre Procedural Echocardiographic Predictors of Mitral Valve Restenosis After Percutaneous Mitral Balloon Valvuloplasty in a Large Consecutive Cohort Followed Up to Two Decades

Alfredo Ferreira Neto, Jose de Ribamar Costa, Auristela Ramos, Rafael Meneguz-Moreno, Sergio Braga, Dimytri Siqueira, Zilda Meneghelo, Nisia Gomes, Cesar Esteves, Mercedes Maldonado, Amanda Sousa, Alexandre Abizaid, Instituto Dante Pazzanese de Cardiologia, Sao Paulo, Brazil

179 - In-Hospital Outcomes After MitraClip Implantation in the United States: 2010-2012

Sagar Mallikethi-Reddy, Naveen Trehan, Shanker Kundumadam, Tesfaye Telila, Anupama Kottam, Shaun Cardozo, Melvyn Rubenfire, Luis Afonso, Cindy Grines, Division of Cardiology, Detroit Medical Center, Wayne State University School of Medicine, Detroit, MI, USA, University of Michigan Medical School, Ann Arbor, MI, USA

180 - Left Atrial Appendage Occlusion in Patients With Atrial Fibrillation and Previous Major Gastrointestinal Bleeding: Insight From the Amplatzer Cardiac Plug Multicenter Registry

Mathieu Lempereur, Adel Aminian, Xavier Freixa, Sameer Gafoor, Samera Shakir, Heyder Omran, George Giannakoulas, Sergio Berti, Gennaro Santoro, Joelle Kefer, Ulf Landmesser, Jens Nielsen, Ignacio Cruz-Gonzalez, Prapa Kanagaratnam, Fabian Nietlispach, Reda Ibrahim, Horst Sievert, Wolfgang Schillinger, Jai-Wun Park, Bernhard Meier, Haralampos Karvounis, Apostolos Tzikas, University Hospital of Liège, Liège, Belgium

181 - Long-Term Outcomes of Alcohol Septal Ablation in Young Patients With Hypertrophic Cardiomyopathy

William Crosland, Thomas Riddell, Byron Williams, John S. Douglas, JR, Emory University, Atlanta, GA, USA

182 - Comparing TEE With Angiographic Sizing of WATCHMAN Device for Left Atrial Appendage Closure

Divya Ratan Verma, Haidar Yassin, Jessica Weiss, Salem Al Rabadi, Supriya Bhardwaj, Michael Morris, George Gellert, Akil Loli, H. Kenith Fang, Timothy Byrne, Ashish Pershad, Banner University Medical Center Phoenix, Phoenix, AZ, USA

183 - 3D Printing for Procedural Simulation of Transcatheter Mitral Valve Replacement in Patients With Mitral Annular Calcification

Abdallah El Sabbagh, Mackram F. Eleid, Sameh Said, Vuyisile Nkomo, Charanjit Rihal, Thomas Foley, Mayo Clinic, Rochester, MN, USA

174 - Transcatheter Mitral Valve Repair (Mitra Clip) in United States: Length of Stay and Cost of Hospitalizations From the Nationwide Readmission Database

Sidakpal Panaich, Shilpkumar Arora, Elad Maor, John Rapheal, Nilay Patel, Apurva Badheka, Abhishek Deshmukh, Mackram F. Eleid, Harshil Shah, Byomesh Tripathi, Ala Asasad, Kosha Thakore, Charanjit Rihal, Mayo Clinic, Rochester, MN, USA

168 - Anemia Predicts Mortality in Atrial Fibrillation Patients Undergoing Left Atrial Appendage Occlusion Using WATCHMAN Device

Krissada Meemook, Yoshifumi Nakajima, Mamoo Nakamura, Asma Hussaini, Saibal Kar, Heart Institute, Cedars-Sinai Medical Center, Los Angeles, CA, USA

184 - Change in Aortomitral Annular Angle and Anterior Mitral Valve Leaflet Length After Transcatheter Aortic Valve Replacement: Implications for Transcatheter Mitral Valve Replacement?

Abdallah Sanaani, Prakash Hari Krishnan, Tanya Dutta, Mala Sharma, Srikanth Yandrapalli, Ryan Kaple, Hasan Ahmad, Cenap Undemir, Alexis Kearns, Angelica Poniro, Cheng Feng, Anna Rozenshtein, Martin Cohen, Joanne Bennett, Steven Lansman, Gilbert Tang, Westchester Medical Center, Valhalla, NY, USA

### Interventional Cardiology - Poster Contributions Session #1157

#### Complex Coronary Intervention: Left Main/Bifurcations and Multivessel Disease

Friday, March 17, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

185 - In-Hospital Mortality in Percutaneous Coronary Stenting of Bifurcation Versus Non-Bifurcation Lesions in Acute ST-Elevation Myocardial Infarction  
Nene Ugoeke, Hemang Panchal, Yasir Taha, Timir Paul, East Tennessee State University, Johnson City, TN, USA

186 - The Prognostic Implications of Current Periprocedural Myocardial Infarction Definitions in Patients Underwent Percutaneous Coronary Intervention With Unprotected Left Main Coronary Artery Disease  
Jung Ae Hong, Ungjeong Do, Osung Kwon, Kyusup Lee, Do-Yoon Kang, Yu Na Kim, Jae Seok Bae, Min Soo Cho, Cheol Hyun Lee, Pil Hyung Lee, Jung-Min Ahn, Duk-Woo Park, Seung-Whan Lee, Young-Hak Kim, Cheol Whan Lee, Seong-Wook Park, Seung-Jung Park, Asan Medical Center, Seoul, South Korea

187 - Provisional Versus Elective Two-Stenting Strategy for Unprotected True Left Main Bifurcation Lesions: A Sub-Study From Fails 2 Study

Hirovoshi Kawamoto, Alaide Chieffo, Richard Jabbour, Fabrizio D'Ascenzo, Enrico Cerrato, Fabrizio Ugo, Marco Pavani, Roberto di Summa, Ferdinando Varbella, Giacomo Boccuzzi, Pierluigi Omedè, Roberto Garbo, Federico Conrotto, Antonio Montefusco, Giuseppe Biondi-Zoccai, Maurizio D'Amico, Claudio Moretti, Javier Escaned, Fiorenzo Gaita, Sunao Nakamura, Antonio Colombo, New Tokyo Hospital, Chiba, Japan

188 - Differences and Level of Agreement in SYNTAX Score Assessment Between Site Operators and Angiographic Core Laboratory Readers: Insights From the EXCEL Trial

Philippe Genereux, Patrick Serruys, A. Kappetein, Ad Van Boven, Mark Hickey, David Kandzari, Erick Schampaert, Ovidiu Dressler, Imre Ungi, Samer Mansour, Adrian Banning, David Taggart, Manel Sabate, Anthony Gershlick,





Andrzej Bochenek, Jose Pomar, Piet Boonstra, Nicholas Lembo, John Puskas, W. Morris Brown, Roxana Mehran, Ori Ben-Yehuda, Charles Simonton, Joseph Sabik, Gregg Stone, Cardiovascular Research Foundation, New York, NY, USA

189 - Multivessel Versus Culprit-Only PCI in Patients With Non-ST Segment Elevation Myocardial Infarction and Multivessel Disease: Results From the PROMETHEUS Study

Birgit Vogel, Usman Baber, Samantha Sartori, Jaya Chandrasekhar, Serdar Farhan, Michela Faggioni, Sabato Sorrentino, Annapoorna Kini, William Weintraub, Sunil Rao, Samir Kapadia, Sandra Weiss, Craig Strauss, Catalin Toma, J. Muhlestein, Anthony C. DeFranco, Mark Effron, Stuart Keller, Brian Baker, Stuart Pocock, Timothy Henry, Roxana Mehran, Icahn School of Medicine at Mount Sinai, New York, NY, USA

190 - Is CABG the Best Revascularization Strategy Among All Diabetics Subgroups With Multi-Vessel Disease in the Modern Era? A Multi-Center Analysis

Alexander Iribarne, Anthony DiScipio, Michael Robich, Andrew C. Eisenhauer, Bruce Leavitt, Yvon Baribeau, Peter Ver Lee, James Flynn, Yi-Ling Huang, David Malenka, Northern New England Cardiovascular Disease Study Group, Dartmouth-Hitchcock Medical Center, Lebanon, NH, USA

191 - National Trend in Total Charges for Multivessel Percutaneous Coronary Intervention in Patients With Diabetes Mellitus in the United States: Nationwide Inpatient Sample From the Year 2006 to 2011

Apurva Patel, Hemang Panchal, Shimin Zheng, Ashraf Abusara, Eunice Mogusu, Timir Paul, East Tennessee State University, Johnson City, TN, USA

192 - Pathological Features of Left Main Stent Thrombosis

Hirovoshi Mori, Robert Kutys, Sho Torii, Emanuel Harari, Maria Romero, Renu Virmani, Alope Finn, CVPPath institute, Gaithersburg, MD, USA

193 - Techniques and Outcomes of Bioresorbable Vascular Scaffolds in the Treatment of Coronary Bifurcation Lesions: One Scaffold Strategy Versus Two Scaffold Strategy

Babu Ezhumalai, Ashok Seth, Fortis Escorts Heart Institute, New Delhi, India

194 - Comparison of Two-Year Outcomes in Drug-Eluting Stents Versus Coronary Artery Bypass Grafting for Treatment of Unprotected Left Main Coronary Artery Disease in Elderly Patients: A Meta-Analysis

Wina Youssman, Justin Lee, Wei Xiang Wong, Jarred Sargeant, Carol Howe, Iwan Nyotowidjojo, Ahmed Pasha, David Fortuin, Kwan Lee, University of Arizona, College of Medicine, Tucson, AZ, USA, Mayo Clinic Arizona, Phoenix, AZ, USA

195 - Impact of Kissing Balloon Inflation After Single Stent Implantation for Left Main Distal Bifurcation Lesions: New Tokyo Registry

Yusuke Watanabe, Yusuke Fujino, Toru Naganuma, Sunao Nakamura, New Tokyo Hospital, Matsudo, Japan

196 - Assessing Inter-Rater Agreement of Experienced Interventional Cardiologists on Culprit Vessel in Patients With Multivessel Disease and Acute Non-STEMI

Torrey Richard Schmidt, Mark Kozak, Ian Gilchrist, Andrew Foy, Penn State Milton S. Hershey Medical Center, Hershey, PA, USA

### Interventional Cardiology - Live Cases Session #201

**Interventional Live Case Session II: CTO Transmission from Mid-America Heart Institute (Kansas City, Missouri)**  
Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Hall D (Main Tent)

CME Hours: 1.5 /CNE Hours: 1.5

2:00 p.m.

Live Case Operator

James Aaron Grantham  
Kansas City, MO

Co-Chair: Dimitrios Karpaliotis

Co-Chair: Simon Walsh

Panelist: George D. Dangas

Panelists: Jeffrey W. Moses

Panelist: Stéphane Rinfret

Panelist: Tak Kwan

Panelist: Bernard J. Gersh

### Interventional Cardiology - International Session #515

**Challenges in Percutaneous Interventions: International Perspectives From the Hong Kong College of Cardiology, Singapore Cardiac Society, and American College of Cardiology**

Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Room 145 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Robert A. Harrington

Co-Chair: Shu Kin Li

Co-Chair: Jack Wei Chieh Tan

2:00 p.m.

Introduction to Session

Robert A. Harrington

Stanford, CA

2:05 p.m.

Lessons From the Early Adoption of BVS Use

Adrian Low

Singapore, Singapore

2:16 p.m.

Is There Any Role for Thrombectomy Devices in Primary PCI: A Review of the Evidence

Kam-Tim Chan

Hunghom, Kowloon, Hong Kong

2:27 p.m.

Bivalirudin Should Be the Standard of Care as Opposed to Heparin in PCI

Carey D. Kimmelstiel

Boston, MA

2:38 p.m.

Challenging Cases With Bioresorbable Vascular Scaffolds

Dinesh Nair

Singapore, Singapore

2:49 p.m.

Practical Approach to Lesion With Heavy Thrombus Burden During Primary PCI

Michael Chan

Hong Kong, Hong Kong

3:00 p.m.

Discussion

### Interventional Cardiology - Scientific Session #630

**Radial Access Mini-Symposium I**

Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Room 201

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Samir B. Pancholy

Co-Chair: Sunil Rao



2:00 p.m.

Tips for Successful Radial Access

Samir B. Pancholy

2:15 p.m.

"Must Know" Techniques for Traversing the Arm and Chest Vasculature

Tejas Patel

Ahmedabad, India

2:30 p.m.

Case Presentation: Complex Transradial PCI

Prashant Kaul

NC

2:35 p.m.

Venous Procedures from the Arm

Ian C. Gilchrist

Hershey, PA

2:50 p.m.

Transradial Primary PCI: Data and Technique

Christopher T. Pyne

Chelmsford, MA

3:05 p.m.

Recognizing and Dealing with Complications of Transradial Procedures

Mladen I. Vidovich

Chicago, IL

3:20 p.m.

Question and Answer

### Interventional Cardiology - Scientific

#### Session #631

#### Great Minds Think Differently: Multidisciplinary Approach to Imaging

Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Room 202 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Kimberly Guibone

Co-Chair: Lauren Morris

Panelist: Jacqueline Gamberdella

Panelist: Jaafer Golzar

Panelist: Jennifer Lutes

Panelist: Kenneth Rosenfield

2:00 p.m.

Use of Imaging and 3D Printing for Case Planning: Learning from Our Surgical Colleagues

Feroze Mahmood

Boston, MA

2:10 p.m.

Pre-procedure Planning: Case Based Imaging. TAVR

Sarah Clarke

La Jolla, CA

2:20 p.m.

Pre-procedure Planning: Imaging the Mitral Valve

Roger J. Laham

Boston, MA

2:30 p.m.

Pre-procedure Planning: Case Based Imaging. Tricuspid Regurgitation

Brian Patrick O'Neill

Philadelphia, PA

2:40 p.m.

Pre-procedure Planning and Procedural Guidance: Left Atrial Appendage

Imaging

Asma Hussaini

Los Angeles, CA

2:50 p.m.

Pre-procedural Imaging Considerations to Predict Post Procedural Outcomes:

PPM, PVL, Root Upture

David Anthony Burke

Dublin, Ireland

3:00 p.m.

Interesting Anatomy: Valve Selection and Why?

Michael Querijero

New York, NY

3:10 p.m.

Case Presentation: The Use of Imaging in PVD... When Is DUS/CTA/Angio Appropriate?

Jaafer Golzar

Chicago, IL

3:15 p.m.

Case Discussion with Question and Answer

### Interventional Cardiology - Scientific

#### Session #632

#### TAVR for Degenerated Surgical Valves: What You Need to Know from A to Z

Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Room 206

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Jeffrey Gaca

Co-Chair: J. Kevin Harrison

Panelist: Danny Dvir

Panelist: Sammy Elmariah

Panelist: Mayra E. Guerrero

2:00 p.m.

TAVR Valve-in-Valve for Prior Surgical Stented Valves

Steven J. Yakubov

Columbus, OH

2:10 p.m.

Panel Discussion with Question and Answer

2:15 p.m.

TAVR Valve-in-Valve for Prior Surgical Non-stented Valves

Neil E. Moat

London, United Kingdom

2:25 p.m.

Panel Discussion with Question and Answer

2:30 p.m.

Does Depth of Implantation for TAVR in Prior SAVR Makes a Difference?

Ajit Yoganathan

Atlanta, GA

2:40 p.m.

Panel Discussion with Question and Answer

2:45 p.m.

TAVR in Degenerative Surgical MV Replacement

Duane S. Pinto

Boston, MA



2:55 p.m.

Panel Discussion with Question and Answer

3:00 p.m.

TAVR in Prior Surgical Mitral Valve Ring

Vinayak Nilkanth Bapat

London, United Kingdom

3:10 p.m.

Panel Discussion with Question and Answer

3:15 p.m.

TAVR in Prior Surgical Tricuspid Valve Replacement

Paul A. Grayburn

Dallas, TX

3:25 p.m.

Panel Discussion with Question and Answer

### Interventional Cardiology - Scientific

#### Session #633

##### Complications of PCI: Case Reviews

Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Room 207 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Stephen G. Ellis

Co-Chair: Jeffrey J. Popma

2:00 p.m.

Case Presentation: STEMI Gone Wrong

Binita Shah

2:05 p.m.

Case Discussion with Question and Answer

2:15 p.m.

Case Presentation: Inadequate Lesion Preparation Before Stenting

Ziad Ali

New York, NY

2:20 p.m.

Case Discussion with Question and Answer

2:30 p.m.

Case Presentation: Bleeding Complication

Mehdi H. Shishehbor

Cleveland, OH

2:35 p.m.

Case Discussion with Question and Answer

2:45 p.m.

Case Presentation: A Case Where I Needed Hemodynamic Support but Didn't Use it

Robert Pyo

Bayside, NY

2:50 p.m.

Case Discussion with Question and Answer

3:00 p.m.

Case Presentation: Vessel Dissection

Usman Baber

New York city, NY

3:05 p.m.

Case Discussion with Question and Answer

3:15 p.m.

Case Presentation: Perforation

Perwaiz M. Meraj

Manhasset, NY

3:20 p.m.

Case Discussion with Question and Answer

### Interventional Cardiology - Core Curriculum

#### Session #804

##### Core Curriculum: Revascularization in Special Populations

Friday, March 17, 2017, 2 p.m. - 3:30 p.m.

Room 151 A

CME Hours: 1.5 /CNE Hours: 1.5

Chair: Roxana Mehran

2:00 p.m.

Coronary Revascularization in the Elderly: Where Age Is No Barrier

Cindy L. Grines

Detroit, MI

2:25 p.m.

Optimal Revascularization of the Diabetic Patient with CAD

Konstantinos Dean Boudoulas

Columbus, OH

2:50 p.m.

To Stent or Not: Tough Decisions Regarding Left Main CAD

Sheila Sahni

Los Angeles, CA

3:15 p.m.

Question and Answer

### Interventional Cardiology - Moderated Poster Contributions

#### Session #1175M

##### The Inside View: Learning From Intracoronary Imaging

Friday, March 17, 2017, 3:45 p.m. - 4:30 p.m.

Interventional Cardiology Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Ziad Ali

ACC Poster Moderator: Mladen I. Vidovich

3:45 p.m.

Prevalence and Clinical Significance of Lipid-Rich Plaque Detected by Optical Coherence Tomography: A Four-Year Follow-Up Study

Lei Xing, Takumi Higuma, Zhao Wang, Aaron Aguirre, Shaosong Zhang, Bo Yu, Hang Lee, James Fujimoto, Valentin Fuster, Ik-Kyung Jang, OCT Registry Investigators, Cardiology Division, Massachusetts General Hospital, Harvard Medical School, Boston, MA, USA, Department of Cardiology, The Second Affiliated Hospital of Harbin Medical University, Harbin, People's Republic of China

3:55 p.m.

Question and Answer

4:00 p.m.

Hybrid IVUS/OCT: "Probing" the Future

Ali Nagvi, Rola Khedraki, Jiawen Li, Li-Dek Chou, Tirunelveli Ramalingam, Pranav Patel, UC Irvine Health, Orange, CA, USA

4:10 p.m.

Question and Answer

4:15 p.m.

Investigation of Novel Drug Targets Implicated in High-Dose Statin Therapy From Yellow-II Trial: Towards Personalized Lipid Lowering Therapies

Annapoorna Subhash Kini, Khader Shameer, Yuliya Vengrenyuk, Benjamin Glicksberg, Kipp Johnson, Aparna Divaraniya, Ben Readhead, Meerarani



Purushothaman, Brian Kidd, Samin Sharma, Jagat Narula, Joel Dudley, Mount Sinai Heart, Mount Sinai Health System, New York, NY, USA, Institute of Next Generation Healthcare, Mount Sinai Health System, New York, NY, USA

4:25 p.m.

Question and Answer

### Interventional Cardiology - Live Cases

#### Session #202

**Interventional Live Case Session III: Structural Transmission from Cleveland Clinic (Cleveland, Ohio)**

Friday, March 17, 2017, 4:45 p.m. - 6 p.m.

Hall D (Main Tent)

CME Hours: 1.25 /CNE Hours: 1.25

4:45 p.m.

Live Case Operator

Samir R. Kapadia

Cleveland, OH

Co-Chair: Martin B. Leon

Co-Chair: Charanjit S. Rihal

Panelist: James M. McCabe

Panelist: Mayra E. Guerrero

Panelist: Francesco Maisano

Panelist: Brian K. Whisenant

Panelist: Scott D. Lim

Panelist: Tamim Nazif

### Interventional Cardiology - International

#### Session #517

**New Perspectives on Structural Valve Disease: International Perspectives From the Emirates Cardiac Society, Latin American Society of Interventional Cardiology (SOLACI), and American College of Cardiology**

Friday, March 17, 2017, 4:45 p.m. - 6 p.m.

Room 145 B

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Thad Waites

Co-Chair: Ricardo V. Lluberas

Co-Chair: Abdullah Shehab

4:45 p.m.

Introduction to Session

Thad Waites

Hattiesburg, MS

4:50 p.m.

Novel TAVR Technologies Tested in South America

Alexandre Abizaid

Sao Paulo, Brazil

5:01 p.m.

Expanding Indications of TAVR

Oscar A. Mendiz

Buenos Aires, Argentina

5:12 p.m.

Combining Robotic Totally Endoscopic IMA Grafting and PCI in Hybrid Coronary Interventions

Jehad Ramahi

Abu Dhabi, United Arab Emirates

5:23 p.m.

Complex Coronary Intervention Using Robotics: UAE Experience

Arif Al-Nooryani

Dubai, United Arab Emirates

5:34 p.m.

Discussion

### Interventional Cardiology - Scientific

#### Session #645

**Radial Access Mini-Symposium II**

Friday, March 17, 2017, 4:45 p.m. - 6 p.m.

Room 201

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Sunil Rao

Co-Chair: Kimberly A. Skelding

4:45 p.m.

Radial Controversies 1: Does Increasing Radial Volume Decrease Femoral Access Proficiency?

Mamas Mamas Kingdom

5:00 p.m.

Radial Controversies 2: Is Testing for Dual Circulation Mandatory Before Radial Artery Access?

Marco Valgimigli

Bern, Switzerland

5:15 p.m.

Case Presentation: Radial CHIP, Retrograde CTO

Khaldoun Alaswad

Detroit, MI

5:20 p.m.

Case Discussion with Question and Answer

5:30 p.m.

Case Presentation: Radial CHIP, Atherectomy

Prashant Kaul

NC

5:35 p.m.

Case Discussion with Question and Answer

5:45 p.m.

Case Presentation: Transpedal Intervention

Tak Kwan

New York, NY

5:50 p.m.

Case Discussion with Question and Answer

### Interventional Cardiology - Scientific

#### Session #646

**Great Minds Think Differently: Multidisciplinary Approach to Advanced Therapies**

Friday, March 17, 2017, 4:45 p.m. - 6 p.m.

Room 202 B

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Jacqueline Gamberdella

Co-Chair: Lauren Morris

Panelist: John Herre

Panelist: Arynah Welji

Panelist: Paul Mahoney

Panelist: Claudia Ford

4:45 p.m.

Case Presentation: HF Management- Options for the Failing Heart

Ajay Srivastava

La Jolla, CA

4:50 p.m.

Case Discussion with Question and Answer





5:00 p.m.

Update on Interventions for Congenital Heart Disease: Emerging Therapies for the Treatment of Pulmonic Stenosis

Patricia Keegan  
Atlanta, GA

5:10 p.m.

Keep it Simple: Minimally Invasive Strategies for TAVR

Christopher Meduri  
Atlanta, GA

5:20 p.m.

Save Your Noggin: Cerebral Protection Device Overview

Marian Hawkey  
New York, NY

5:30 p.m.

Transcatheter Technologies to Manage Tricuspid Regurgitation

Mario Goessl  
Minneapolis, MN

5:40 p.m.

One More for the Heart Team: Expanding Your Practice to Include Complete Revascularization in Higher-risk Indicated Patients (CHIP)

Paul Mahoney  
Norfolk, VA

5:50 p.m.

Question and Answer

### Interventional Cardiology - Scientific

#### Session #647

#### TAVR Changing the Paradigm for the Treatment of Valve Disease

Friday, March 17, 2017, 4:45 p.m. - 6 p.m.

Room 206

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: William T. Brinkman

Co-Chair: J. Kevin Harrison

Panelist: Sarah Clarke

Panelist: Philippe Genereux

Panelist: Ganesh Manoharan Kingdom

4:45 p.m.

In the Era of TAVR: Who Is Low-risk for Surgical Aortic Valve Replacement

A. Pieter Kappetein  
Rotterdam, Netherlands

4:55 p.m.

We Are Not Ready for TAVR Yet in Low Risk Because There Is No Long-term Data

Bernard J. Gersh  
Rochester, MN

5:05 p.m.

Asymptomatic Severe Aortic Stenosis: Should They Be Offered TAVR?

Philippe Genereux  
New York, NY

5:15 p.m.

Moderate Aortic Stenosis and Heart Failure: Should They Be Offered TAVR?

Nicolas M. Van Mieghem  
Rotterdam, Netherlands

5:25 p.m.

TAVR in Those with a Low Ejection Fraction

Howard C. Herrmann  
Philadelphia, PA

5:35 p.m.

Update of the ACC AUC for Aortic Stenosis

Robert O. Bonow  
Chicago, IL

5:45 p.m.

Panel Discussion with Question and Answer

### Interventional Cardiology - Scientific

#### Session #648

#### Chronic Total Occlusion PCI: A Case-Based Review of Contemporary Techniques

Friday, March 17, 2017, 4:45 p.m. - 6 p.m.

Room 207 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Dimitrios Karpaliotis

Co-Chair: William L. Lombardi

4:45 p.m.

Case Presentation: Antegrade Wire Escalation Step-by-step

Farouc A. Jaffer  
Boston, MA

4:50 p.m.

Case Discussion with Question and Answer

5:00 p.m.

Case Presentation: Antegrade Dissection/Re-entry Step-by-step

M. Nicholas Burke  
Minneapolis, MN

5:05 p.m.

Case Discussion with Question and Answer

5:15 p.m.

Case Presentation: Retrograde Case Through Septal Collateral Step-by-step

Ashish Pershad  
Phoenix, AZ

5:20 p.m.

Case Discussion with Question and Answer

5:30 p.m.

Case Presentation: Radial CTO

Stéphane Rinfret  
Montréal, Canada

5:35 p.m.

Case Discussion with Question and Answer

5:45 p.m.

Case Presentation: Hybrid CTO

William L. Lombardi  
Bellingham, WA

5:50 p.m.

Case Discussion with Question and Answer

### Interventional Cardiology - International

#### Session #518

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

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

Room 145 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Ralph G. Brindis

Co-Chair: Sarah C. Clarke

Panelist: Marcelo Franken



8:00 a.m.

Introduction to Session

Ralph G. Brindis

Oakland, CA

8:00 a.m.

Introduction to Session

Sarah C. Clarke

Cambridge, United Kingdom

8:10 a.m.

How We Built a Center of Excellence? - The Totalcor Experience

Pedro Gabriel Melo De Barros E Silva

São Paulo, Brazil

8:25 a.m.

NCDR and ACC International Center of Excellence - The Indian Experience

Keyur H. Parikh

Ahmedabad, India

8:40 a.m.

NCDR Registries: Moving Towards a Value Based Health Care in an ICOE in Brazil

Marcelo Katz

Sao Paulo, Brazil

8:55 a.m.

The Impact of the NCDR on Procedural Outcome

Ali Alghamdi

Riyadh, Saudi Arabia

9:10 a.m.

Panel Discussion with Audience Question and Answer

9:25 a.m.

Conclusion

Ralph G. Brindis

Oakland, CA

9:25 a.m.

Conclusion

Sarah C. Clarke

Cambridge, United Kingdom

### Interventional Cardiology - Scientific

#### Session #657

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

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

Room 202 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Mauricio G. Cohen

Co-Chair: Ajay J. Kirtane

8:00 a.m.

What Is Higher-Risk PCI

Jeffrey Moses

8:10 a.m.

Question and Answer

8:15 a.m.

Left Main PCI for the Masses: Simple Concepts and Tools

George D. Dangas

New York, NY

8:25 a.m.

Question and Answer

8:30 a.m.

Managing Calcium in the Cath Lab: Current Tools and How to Improve Your Atherectomy Skills

Samin K. Sharma

New York, NY

8:40 a.m.

Question and Answer

8:45 a.m.

CTO PCI What You and Your Team Needs to Be Able to Complete the Task

Prashant Kaul

Atlanta, GA

8:55 a.m.

Question and Answer

9:00 a.m.

When and How to Use Hemodynamic Support for High Risk PCI

Ajay J. Kirtane

New York, NY

9:10 a.m.

Question and Answer

9:15 a.m.

Managing Risk and Complications in the Cath Lab

Simon Walsh

Ireland

9:25 a.m.

Question and Answer

### Interventional Cardiology - Scientific

#### Session #658

#### The Tricuspid Valve: The New Frontier

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

Room 206

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Paul A. Grayburn

Co-Chair: Horst Sievert

8:00 a.m.

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

Christian Spies

8:10 a.m.

Current Landscape of Transcatheter Tricuspid Valve Repair

Horst Sievert

Frankfurt, Germany

8:20 a.m.

Case Presentation: Mitraclip Repair of the Tricuspid Valve

Christoph Hammerstingl

53127 Bonn, Germany

8:25 a.m.

Case Discussion with Question and Answer

8:35 a.m.

Case Presentation: Percutaneous Tricuspid Valve Repair with a Direct

Transcatheter Annuloplasty System

Charles J. Davidson

Chicago, IL

8:40 a.m.

Case Discussion with Question and Answer



8:50 a.m.

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

9:00 a.m.

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

9:10 a.m.

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

9:15 a.m.

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

9:20 a.m.

Rebuttal: Pro

9:23 a.m.

Rebuttal: Con

9:26 a.m.

Question and Answer

### Interventional Cardiology - Scientific

#### Session #659

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

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

Room 207 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Prakash Balan

Co-Chair: Alan Zajarias

Panelist: Anita W. Asgar

Panelist: Nirat Beohar

Panelist: John D. Carroll

Panelist: Hasan Jilaihawi

8:00 a.m.

Management of the Horizontal Aorta  
Azeem Latib  
Milan, Italy

8:12 a.m.

Management of the Bicuspid Valve  
Hasan Jilaihawi  
West Hollywood, CA

8:24 a.m.

Management of Left Ventricular Outflow Tract Calcium  
Marco Barbanti  
Vancouver, Canada

8:37 a.m.

Management of the Small Aortic Root  
Michael Reardon  
Houston, TX

8:50 a.m.

Anatomy-specific Choice for Non-transfemoral TAVR  
William T. Brinkman  
Dallas, TX

9:03 a.m.

Management of Concomitant Coronary Artery Disease: Does the Valve Type Matter?  
Samir R. Kapadia  
Cleveland, OH

9:15 a.m.

Panel Discussion with Question and Answer

### Interventional Cardiology - Oral Contributions

#### Session #903

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

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

Room 201

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: David Kandzari

Co-Chair: Sunil Rao

8:00 a.m.

Year in Review Speaker  
Spencer B. King

8:12 a.m.

New-Onset Atrial Fibrillation Following Transcatheter Aortic Valve Replacement: Incidence, Anticoagulant Strategy, and Outcomes  
Amit Vora, Dadi (David) Dai, Roland Matsouaka, J. Kevin Harrison, G. Chad Hughes, Matthew Sherwood, Jonathan Piccini, David Cohen, David Holmes, Bhaskar Bhardwaj, Vinod Thourani, Eric Peterson, Sreekanth Vemulapalli, Duke Clinical Research Institute, Durham, NC, USA

8:22 a.m.

Discussion

8:25 a.m.

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

8:35 a.m.

Discussion

8:38 a.m.

Impact of Final Minimal Stent Area by IVUS on 3-Year Outcome After PCI of Left Main Coronary Artery Disease: The EXCEL Trial  
Akiko Maehara, Gary Mintz, Patrick Serruys, A. Kappetein, David Kandzari, Erick Schampaert, Ad Van Boven, Ferenc Horkay, Imre Ungi, Samer Mansour, Adrian Banning, David Taggart, Manel Sabaté, Anthony Gershlick, Andrzej Bochenek, Jose Pomar, Nicholas Lembo, Nicolas Noix, John Puskas, W. Morris Brown, Roxana Mehran, Ori Ben-Yehuda, Charles Simonton, Joseph Sabik, Gregg Stone, Cardiovascular Research Foundation, New York, NY, USA, Columbia University Medical Center, New York, NY, USA

8:48 a.m.

Discussion

8:51 a.m.

Clinical, Angiographic and Procedural Correlates of Absorb Scaffold Thrombosis: A Matched Multicenter Registry Analysis  
Stephen G. Ellis, Tommaso Gori, Giuseppe Steffenino, Dean Kereiakes, Gregg Stone, Holger Nef, Salvatore Brugaletta, Luca Testa, Alexandre Abizaid, Takeshi Kimura, Corrado Tamburino, Robert-Jon van Guens, Patrick Serruys, Maurizio Menichelli, Bernardo Cortese, Run-Lin Gao, Cleveland Clinic, Cleveland, OH, USA

9:01 a.m.

Discussion



9:04 a.m.

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

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

9:14 a.m.

Discussion

9:17 a.m.

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

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

9:27 a.m.

Discussion

### Interventional Cardiology - Poster Contributions Session #1192

#### Vascular Access and Hemostasis Issues

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

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

117 - Assessment of the Safety of Performing Coronary Angioplasty Without Interrupting Oral Anticoagulants

Ashraf M. Al Azzoni, Ellen Macrae, Syal Renu, Hussain Alzayer, Chandni Patel, Jon-David Schwalm, Sanjit Jolly, Madhu Natarajan, McMaster University, Hamilton, Canada

118 - Standard Versus Low-Dose Heparin Use on Access-Related Complications After Coronary Angiography Through Radial Access: A Meta-Analysis of Randomized Controlled Trials

Khagendra Dahal, Sharan Sharma, Jagan Beedupalli, Juyong Lee, Enrique Jimenez, Kalgi Modi, Neeraj Tandon, Louisiana State University Health Science Center, Shreveport, LA, USA, Overton Brooks VA Medical Center, Shreveport, LA, USA

119 - Mid Femoral Head Is Not the Ideal Fluoroscopic Landmark for Common Femoral Artery Puncture

Prabhakaran Gopalakrishnan, Pradeep Manoharan, Chander Shekhar, Sharan Rufus Ponniah, Muhammad Chaudhry, Pradepto Ghosh, Digant Bhatt, Ira Friedlander, Nagapradeep Nagajothi, Aultman Hospital, Canton, OH, USA

120 - Access Site and Bleeding Outcomes With Ultrasound-Assisted Catheter-Directed Thrombolysis for Acute Pulmonary Embolism: Internal Jugular Versus Common Femoral Vein

Tyler Bloomer, Breck Sandvall, Pete Fong, Vanderbilt University Medical Center, Nashville, TN, USA

121 - Distal Perfusion Is Maintained in Veteran Subjects Undergoing Transradial Cardiac Catheterization

Katherine Anne Durham, Marianne Piano, Decebal S. Griza, Kashif Ahmed, Amtul Shafi, Mladen Vidovich, Jesse Brown VA Medical Center, Chicago, IL, USA, University of Illinois at Chicago, Chicago, IL, USA

122 - Radial Versus Femoral Access for Coronary Angiography and Risk of Stroke: Findings From the LATITUDE-TIMI 60 Trial

Matthew Cavender, Michelle O'Donoghue, Ruchira Glaser, Julia Kuder, Marc Sabatine, David Morrow, University of North Carolina, Chapel Hill, NC, USA, Brigham and Women's Hospital, Boston, MA, USA

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

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

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

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

125 - Endothelial Dysfunction Post Transradial Access Coronary Catheterization: A Clinical Study and Meta-Analysis of Published Literature

Alexis S. Antonopoulos, George Latsios, Evangelos Oikonomou, Georgia Vogiatzi, Angelos Papanikolaou, Gerasimos Siasos, Eleftherios Tsiamis, Konstantinos Toutouzas, Dimitris Tousoulis, First Cardiology Department, Hippokraton Hospital, Athens Medical School, Athens, Greece

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

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

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

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

128 - Real-Time Ultrasound Versus Fluoroscopy Guided Access for Transcatheter Aortic Valve Replacement With the Sapien 3 Valve

Sukhdeep S. Basra, Deborah Tabachnick, John Squiers, Giovanni Filardo, Benjamin Pollock, Molly Szerlip, David Brown, William Brinkman, Katherine Harrington, Paul Grayburn, Michael Mack, J. Michael DiMaio, Srinivasa Potluri, The Heart Hospital Baylor Plano, Plano, TX, USA

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

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

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

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

### Interventional Cardiology - Poster Contributions Session #1193

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

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

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

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





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

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

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

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

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

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

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

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

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

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

### Interventional Cardiology - Poster Contributions Session #1194

**Novel Developments in Acute Coronary Syndromes**  
Saturday, March 18, 2017, 9:30 a.m. - 12:30 p.m.  
Poster Hall, Hall C  
CME Hours: 0.75 /CNE Hours: 0.75

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

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

141 - Prehospital Administration of Heparin Reduces the Risk of Vessel Occlusion in Patients With ST Elevation Myocardial Infarction: Secondary Analysis of the TASTE Trial  
**Sofia Karlsson**, Moman A. Mohammad, **Pontus Andell**, Bo Lagerqvist, Stefan James, Goran Olivecrona, Ole Frobert, David Erlinge, Lund University Hospital, Lund, Sweden

142 - One-Year Outcome of Acute Stent Thrombosis: Insights From the Total Trial  
**Shazia Hussain**, Ashish Shah, Annam Muthuppalaniappan, Nazar Mohammed, Sanjit Jolly, Christopher Overgaard, Vladimir Dzavik, Peter Munk Cardiac Centre, University Health Network, Toronto General Hospital, Toronto, Canada, Hamilton General Hospital, Population Health Research Institute, McMaster University, Hamilton, Canada

143 - Impact of Timing of Intra-Aortic Balloon Counterpulsation on Mortality in Cardiogenic Shock: A Sub-Analysis of the IABP-SHOCK II-Trial  
**Georg Fuernau**, Jakob Ledwoch, Ingo Eitel, Suzanne de Waha, Steffen Desch, Karl Werdan, Gerhard Schuler, Uwe Zeymer, Holger Thiele, University Heart Center Luebeck, Luebeck, Germany

144 - Mild Hypothermia in Cardiogenic Shock Complicating Myocardial Infarction: The Randomized SHOCK-COOL Pilot Trial  
**Georg Fuernau**, Johannes Beck, Steffen Desch, Ingo Eitel, Christian Jung, Sandra Erbs, Norman Mangner, Karl Fengler, Marcus Sandri, Gerhard Schuler, Holger Thiele, University Heart Center Luebeck, Luebeck, Germany

145 - Mild Therapeutic Hypothermia and Stent Thrombosis: Ticagrelor Better Than Clopidogrel in Patients With Percutaneous Coronary Intervention After Cardiac Arrest  
**Eduardo Flores**, Gustavo Jiménez-Brítez, Rodolfo San Antonio, Marco Hernandez, Gala Caixal, John García, Victoria Martín-Yuste, Monica Masotti, Manel Sabaté, Xavier Freixa, Hospital Clinic, Barcelona, Spain

146 - Predictors of Short- and Long-Term Mortality in Acute Coronary Syndrome Presenting as Out-of-Hospital Cardiac Arrest  
**Kinga Kozma**, Csaba Kun, Zoltan Csanadi, University of Debrecen Department of Cardiology, Debrecen, Hungary

147 - Outcome of Elderly Patients Undergoing Extracorporeal Life Support in Refractory Cardiogenic Shock  
**Suzanne de Waha**, Steffen Desch, Tobias Graf, Georg Fuernau, Ingo Eitel, Janine Poess, Thomas Stiermaier, Alexander Jobs, Jakob Ledwoch, Philipp Lurz, Gerhard Schuler, Holger Thiele, University Heart Center Luebeck, Luebeck, Germany

148 - Right-Sided Ventriculo-Arterial Coupling Indices Are Associated With Clinical Outcomes Among Patients Receiving Biventricular Impella (BiPella) Support for Cardiogenic Shock  
**Sudeep Kuchibhotla**, Michele Esposito, Michael Kiernan, Mark Grise, Dennis Morris, Duc Thinh Pham, Navin Kapur, Tufts Medical Center, Boston, MA, USA



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

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

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

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

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

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

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

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

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

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

154 - Cardiac Electrical Biomarker Response During Percutaneous Coronary Intervention

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

### Interventional Cardiology - Poster Contributions

#### Session #1195

#### Interventional Cardiology: TAVR 2

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

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

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

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

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

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



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

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

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

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

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

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

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

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

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

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

174 - Death and Dialysis Risk After Transcatheter Aortic Valve Replacement

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

181 - Transcatheter Aortic Valve Replacement in End Stage Liver Disease

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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

### Interventional Cardiology - Moderated Poster Contributions Session #1214M

#### PCI Strategies and Outcomes Unique to Women

Saturday, March 18, 2017, 9:45 a.m. - 10:30 a.m.

Interventional Cardiology Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Alope V. Finn

ACC Poster Moderator: Connie Ng Hess

9:45 a.m.

Early Invasive Strategy Versus Initial Conservative Strategy in Women With Non-ST-Elevation Acute Coronary Syndrome: A Propensity Score Matched Nationwide Analysis

Islam Elgendy, Ahmed Mahmoud, Hend Mansoor, Anthony Bavry, University of Florida, Gainesville, FL, USA

9:55 a.m.

Question and Answer

10:00 a.m.

Postpartum and Pregnancy-Associated Spontaneous Coronary Artery Dissection: Presentation, Clinical Features and Outcomes

Marysia S. Tweet, Sharonne Hayes, Elisabeth Codsí, Rajiv Gulati, Carl H. Rose, Patricia Best, Mayo Clinic, Rochester, MN, USA

10:10 a.m.

Question and Answer

10:15 a.m.

Sex Differences in Outcomes After Stenting or Bypass Surgery for Unprotected Left Main Disease

Gregg W. Stone, Rafael Cavalcante, Ari P. Kappetein, Joseph Sabik, Adrian Banning, David Taggart, Manel Sabate, Jose Polmar, Piet Boonstra, Nicholas Lembo, Charles Simonton, Yoshinobu Onuma, Patrick W. Serruys, Cardiovascular Research Foundation, New York, NY, USA

10:25 a.m.

Question and Answer

### Interventional Cardiology - Late-Breaking Clinical Trials Session #405

#### Late-Breaking Clinical Trials: Interventional

Saturday, March 18, 2017, 10:45 a.m. - 12 p.m.

Hall D (Main Tent)

CME Hours: 1.25 /CNE Hours: 1.25

Chair: Martin B. Leon

Co-Chair: Morton J. Kern

Panelist: Antonio Colombo

Panelist: William Fuller Fearon

Panelist: Nils P. Johnson

Panelist: David E. Kandzari

Panelist: Roxana Mehran

Panelist: Eric Van Belle

10:45 a.m.

FFR Guided Acute Complete Revascularization Versus Culprit Lesion Only Treatment in Patients Presenting With ST-Segment Elevation Myocardial Infarction and Multi Vessel Disease: The COMPARE-ACUTE Trial

Pieter Smits, Elmir Omerovic, Gert Richardt, Mohamed Abdel-Wahab, Bianca Boxma-de Klerk, Franz-Josef Neumann, for the COMPARE-ACUTE investigators, Department of Cardiology Maasstad Ziekenhuis, Rotterdam, The Netherlands

10:55 a.m.

Panel Discussion





11:00 a.m.

Primary Results of DEFINE-FLAIR: A Multi-Centre, Prospective, International, Randomized, Blinded Comparison of Clinical Outcomes and Cost Efficiencies of iFR and FFR Decision-Making for Physiological Guided Coronary Revascularization

Justin E. Davies, Sayan Sen, Manesh Patel, Patrick Serruys, Javier Escaned, Imperial College, London, United Kingdom

11:10 a.m.

Panel Discussion

11:15 a.m.

Instantaneous Wave-Free Ratio Versus Fractional Flow Reserve Guided Intervention (IFR-SWEDEHEART): A Multicenter, Prospective, Registry-Based Randomized Clinical Trial

Matthias Götzberg, Evald Christiansen, Ingibjörg Gudmundsdottir, Lennart Sandhall, Elmira Omerovic, Stefan James, David Erlinge, Ole Frobert, Department of Cardiology, Lund University, Lund, Sweden, Department of Cardiology, Örebro University, Örebro, Sweden

11:25 a.m.

Panel Discussion

11:30 a.m.

Drug-Eluting Stent Versus Optimal Medical Therapy in Patients With Coronary Chronic Total Occlusion: DECISION CTO Randomized Trial  
Seung-Jung Park, Seung-Whan Lee, Jung-Min Ahn, Pil Hyung Lee, Duk-Woo Park, Sung-Cheol Yun, Soo-Jin Kang, Young-Hak Kim, Cheol Whan Lee, Seong-Wook Park, Seung Ho Hur, Seung-Woon Rha, Sung-Ho Her, Si Wan Choi, Bong-Ki Lee, Nae-Hee Lee, Jong-Young Lee, Sang-Sig Cheong, Moo Hyun Kim, Young-Keun Ahn, Shirish Hiremath, Teguh Santoso, Wasan Udayachalerm, Jun-Jack Cheng, Toshiya Muramatsu, Asan Medical Center, Seoul, South Korea

11:40 a.m.

Panel Discussion

11:45 a.m.

Everolimus-Eluting Bioresorbable Vascular Scaffolds in Patients With Coronary Artery Disease: Two-Year Outcomes From the ABSORB III Trial  
Stephen Ellis, Dean Kereiakes, Gregg Stone, Cleveland Clinic, Cleveland, OH, USA

11:55 a.m.

Panel Discussion

### Interventional Cardiology - Scientific

#### Session #674

#### Complex PCI in 2017

Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.

Room 202 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: George D. Dangas

Co-Chair: Dean J. Kereiakes

Panelist: Nicola Corvaja

Panelist: Philippe Genereux

Panelist: Evgenia Nikolsky

10:45 a.m.

Case Presentation: Illustrative CTO- History and Angiogram  
Minh Vo

Winnipeg, Canada

10:50 a.m.

Case Discussion with Question and Answer

11:00 a.m.

CTO Update: Latest Developments

William L. Lombardi

Bellingham, WA

11:10 a.m.

Calcified Vessels: Techniques for Dealing with Calcium and Differences Between Devices

George D. Dangas

New York, NY

11:20 a.m.

Thrombus Removal: New Trials, New Guidelines, New Perspectives on Patient Selection

Giora Weisz

Jerusalem, Israel

11:30 a.m.

Case Presentation: Illustrative Bifurcation Calcific Case

Samin K. Sharma

New York, NY

11:35 a.m.

Case Discussion with Question and Answer

11:45 a.m.

Bifurcation PCI

Vladimir Dzavik

Toronto, Canada

11:55 a.m.

Developments in Lesion Assessment: FFR (Opsens, Assist); IVUS Optimization

Olivier F. Bertrand

Quebec, Canada

12:05 p.m.

Question and Answer

### Interventional Cardiology - Scientific

#### Session #675

**PCI in the Era of Public Accountability: Managing Risks to Patients, Providers, and Institutions**

Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.

Room 206

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Ralph Brindis

Co-Chair: Robert W. Yeh

Panelist: Amit P. Amin

Panelist: David Alan Cox

Panelist: Frederic S. Resnic

10:45 a.m.

Contemporary External Challenges to Coronary Revascularization

Robert Yeh

Boston, MA

10:58 a.m.

Discussion with Question and Answer

11:08 a.m.

Staying on Top of Your Game: Maintaining Your Skillset in the Face of Declining Volumes

David Alan Cox

Allentown, PA

11:20 a.m.

Discussion with Question and Answer

11:30 a.m.

How to (and How Not to) Practice PCI in a Public Reporting Environment



Frederic S. Resnic  
Burlington, MA

11:42 a.m.  
Discussion with Question and Answer

11:52 a.m.  
Cath Lab Economics: Strategies to Improve the Value of Care for Increasingly Complex PCI Patients  
Amit P. Amin  
Chesterfield, MO

12:05 p.m.  
Discussion with Question and Answer

### Interventional Cardiology - Scientific

#### Session #676

**Imaging for TAVR: Homing in on the Real Issues**  
Saturday, March 18, 2017, 10:45 a.m. - 12:15 p.m.  
Room 207 A  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Stephen Little  
Co-Chair: John G. Webb  
Panelist: Anthony A. Bavry  
Panelist: Susheel K. Kodali  
Panelist: Jonathon Leipsic  
Panelist: Lauren Morris

10:45 a.m.  
How to Ensure the Best Prosthesis-patient Match?  
Jonathon Leipsic  
Vancouver, BC

11:00 a.m.  
Multimodality Imaging Footprints of High-Risk TAVR  
Jeffrey J. Popma  
Newton, MA

11:15 a.m.  
TEE During TAVR: Is It Necessary or an Added Reassurance  
Sreekanth Vemulapalli  
Durham, NC

11:30 a.m.  
Leaflet Thickening with Advanced Imaging Techniques: What Does it Mean?  
Susheel K. Kodali  
New York, NY

11:45 a.m.  
Valve Selection When Measurements Are at the Margin  
J. Kevin Harrison  
Durham, NC

12:00 p.m.  
Case Presentation: Bring Your Best Clinical Judgment- Identify Valve Position, Function and Immediate Complications After Deployment  
Anthony A. Bavry  
Gainesville, FL

12:05 p.m.  
Case Discussion with Question and Answer

### Interventional Cardiology - Live Cases

#### Session #203

**Interventional Live Case Session IV: Complex Coronary Transmission from St. Vincent Hospital (Indianapolis, IN)**  
Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.  
Hall D (Main Tent)  
CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m.  
Live Case Operator  
James Bernard Hermiller  
Indianapolis, IN

Co-Chair: David E. Kandzari  
Co-Chair: Ajay J. Kirtane  
Panelist: Alaide Chieffo  
Panelist: Anthony Gershlick  
Panelist: Christoph Hammerstingl  
Panelist: Cindy L. Grines  
Panelist: Charles J. Davidson  
Panelist: Robert Pyo

### Interventional Cardiology - Late-Breaking Clinical Trials

#### Session #408

**Featured Clinical Research II: Interventional**  
Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.  
Room 201  
CME Hours: /CNE Hours:

Chair: Robert A. Harrington  
Co-Chair: Gregg W. Stone  
Panelist: Megan Coylewright  
Panelist: Howard C. Herrmann  
Panelist: Francesco Maisano  
Panelist: Sunil V. Rao  
Panelist: Alan Zajarias

12:30 p.m.  
Real-World Comparative Effectiveness of Transcatheter Versus Surgical Aortic Valve Replacement in the United States: An Analysis From Two US Registries Linked to Medicare Data  
J. Matthew Brennan, David Cohen, David Shahian, Dadi (David) Dai, Laine Thomas, Alice Wang, Michael Mack, David Holmes, Fred Edwards, Zvi Frankel, Suzanne Baron, John Carroll, Vinod Thourani, E. Murat Tuzcu, Suzanne Arnold, Roberta Cohn, Todd Maser, Sean O'Brien, Felicia Graham, Roland Matsouaka, Michael Pencina, Eric Peterson, Duke Clinical Research Institute, Durham, NC, USA

12:40 p.m.  
Panel Discussion

12:45 p.m.  
Comparison of In-Hospital and 1-Year Outcomes of Transcatheter Aortic Valve Replacement for Failed Surgical Bioprosthesis Versus Native Aortic Stenosis From the STS/ACC TVT Registry  
E. Murat Tuzcu, Samir Kapadia, Michael Mack, David Holmes, John Carroll, Vinod Thourani, Frederick Grover, Rakesh Suri, Lars Svensson, J. Matthew Brennan, Sreekanth Vemulapalli, Cleveland Clinic, Cleveland, OH, USA

12:55 p.m.  
Panel Discussion

1:00 p.m.  
Procedural and Clinical Outcomes in Transcatheter Aortic Valve Replacement for Bicuspid Versus Tricuspid Aortic Valve Stenosis  
Sung-Han Yoon, Victoria Delgado, Ole De Backer, Gidon Perlman, Danny Dvir, Azeem Latib, Marco Barbanti, Erik Holy, Yohei Ohno, Philipp Blanke, Rahul Sharma, Yigal Abramowitz, Tarun Chakravarty, Fabian Nietlispach, David Hildick-Smith, Mohamed Abdel-Wahab, Thierry Lefevre, Seung-Jung Park,



Jeroen Bax, Susheel Kodali, Martin Leon, Sabine Bleiziffer, John Webb, Lars Sondergaard, Raj Makkar, Cedars Sinai Medical Center, Los Angeles, CA, USA

1:10 p.m.  
Panel Discussion

1:15 p.m.  
Radiation Exposure and Vascular Access in Acute Coronary Syndromes: The RAD Matrix Study  
Alessandro Sciahbasi, Enrico Frigoli, Alessandro Sarandrea, Martina Rothenbuhler, Paolo Calabrò, Alessandro Lupi, Francesco Tomassini, Bernardo Cortese, Stefano Rigattieri, Enrico Cerrato, Dennis Zavalloni, Zingarelli Antonio, Paolo Calabria, Paolo Rubartelli, Gennaro Sardella, Matteo Tebaldi, Stephan Windecker, Peter Juni, Dik Heg, Marco Valgimigli, Swiss Cardiovascular Center, Bern, Switzerland, Sandro Pertini Hospital - ASL RM2, Rome, Italy

1:25 p.m.  
Panel Discussion

1:30 p.m.  
Clinical Outcomes at 1-Year After Commercial Transcatheter Mitral Valve Repair in the United States  
Paul Sorajja, Paul Sorajja, Ted Feldman, Sreekanth Vemulapalli, Saibal Kar, David Holmes, Amanda Stebbins, Vinod Thourani, Michael Mack, Gorav Ailawadi, Minneapolis Heart Institute Foundation, Minneapolis, MN, USA

1:40 p.m.  
Panel Discussion

### Interventional Cardiology - International Session #520

**New Perspectives and Updates in STEMI Care: Joint Symposium of the Chinese Society of Cardiology and American College of Cardiology**  
Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.  
Room 145 A  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: C. Michael Valentine  
Co-Chair: Junbo Ge  
Co-Chair: Yong Huo

12:30 p.m.  
Introduction to Session  
C. Michael Valentine  
Lynchburg, VA

12:30 p.m.  
Introduction to Session  
Junbo Ge  
Shanghai, China

12:30 p.m.  
Introduction to Session  
Yong Huo  
Beijing, China

12:35 p.m.  
Current Situation of China Chest Pain Center  
Dingcheng Xiang  
Guangzhou, China

12:50 p.m.  
STEMI Care in the U.S.: 10 Years of Intense Focus  
Aaron D. Kugelmass  
Springfield, MA

1:05 p.m.  
STEMI Rescue Status in China

Wang Yan  
Xiamen, China

1:20 p.m.  
FFR to Prevent Inappropriate Coronary Revascularization: Can Data Rehabilitate the Zealous Stake Holders?  
Brian O'Murchu  
Philadelphia, PA

1:35 p.m.  
Discussion

### Interventional Cardiology - Scientific

**Session #691**  
**Overuse, Underuse or Just Right? Fundamental Debates in High Risk PCI in 2017**  
Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.  
Room 202 B  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: David J. Cohen  
Co-Chair: Robert W. Yeh

12:30 p.m.  
Part I: High Risk PCI in 2017

12:30 p.m.  
Stop Taking Futile Cases to the Cath Lab! Sometimes It Is Right to Say No  
Alice K. Jacobs

12:40 p.m.  
Take More High Risk Cases to the Cath Lab! Physician Risk Aversion is Harming Patients  
Duane S. Pinto  
Boston, MA

12:50 p.m.  
Question and Answer

12:55 p.m.  
Part II: Chronic Total Occlusion PCI in 2017

12:55 p.m.  
Chronic Total Occlusion PCI: Just Because We Can, Doesn't Mean We Should  
Kirk N. Garratt  
Newark, DE

1:05 p.m.  
Chronic Total Occlusion PCI: Underused, Underappreciated  
William L. Lombardi  
Bellingham, WA

1:15 p.m.  
Question and Answer

1:20 p.m.  
Part III: Hemodynamic Support in 2017

1:20 p.m.  
Hemodynamic Support for High Risk PCI: Stop the Madness- Expensive and Data-free  
Frederick G.P. Welt  
Salt Lake City, UT

1:30 p.m.  
Hemodynamic Support for High Risk PCI: Critical for Patients and Providers  
William W. O'Neill  
Detroit, MI



1:40 p.m.  
Question and Answer

### Interventional Cardiology - Scientific

#### Session #692

#### Imaging Transcatheter Mitral Valve Repair and Replacement

Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.

Room 206

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Paul Sorajja  
Co-Chair: Christian Spies  
Panelist: Vasilis C. Babaliaros  
Panelist: Ignacio Inglessis  
Panelist: Sreekanth Vemulapalli

12:30 p.m.  
Overview of Current Transcatheter Mitral Valve Repair and Replacement Strategies  
Jason Rogers  
Sacramento, CA

12:40 p.m.  
Case Presentation: Complex Mitraclip and Transcatheter Mitral Valve in Ring  
Christian Spies  
Honolulu, HI

12:45 p.m.  
Case Discussion

12:55 p.m.  
Case Presentation: Mitral Valve in Valve and Native Percutaneous Mitral Valve Replacement  
Paul Sorajja  
Minneapolis, MN

1:00 p.m.  
Case Discussion

1:10 p.m.  
Mitraclip: TEE Essentials for an Effective Screening and Patient Selection  
Robert J. Siegel  
Los Angeles, CA

1:16 p.m.  
Post-Procedural Echocardiography to Judge Mitraclip Results  
Chari Hart  
Honolulu, HI

1:22 p.m.  
Mitral Valve in Native Mitral Valve: How to Avoid LVOT Obstruction  
Mayra E. Guerrero  
Evanston, IL

1:28 p.m.  
How to Maintain Outcomes and Quality with Increasingly Performed TMVR Therapies: Imaging Options  
Eric Velazquez  
Durham, NC

1:34 p.m.  
Question and Answer

### Interventional Cardiology - Scientific

#### Session #693

#### Contemporary Role of Intracoronary Imaging: Candid Conversation with Peers

Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.

Room 207 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Ziad Ali  
Co-Chair: Subhash Banerjee  
Panelist: Khaldoun Alaswad  
Panelist: Emmanouil Brilakis  
Panelist: Gary S. Mintz

12:30 p.m.  
The Value Proposition of Intracoronary Imaging in Contemporary Practice  
Ehrin Armstrong  
Denver, CO

12:38 p.m.  
Intracoronary Imaging During Primary PCI  
Emmanouil Brilakis  
Dallas, TX

12:46 p.m.  
Case Presentation: Incomplete Stent Apposition versus Inadequate Stent Expansion  
Hiram Bezerra  
Cleveland, OH

12:51 p.m.  
Panel Discussion with Question and Answer

12:55 p.m.  
OCT Guided PCI - Precision Stenting  
Khaldoun Alaswad  
Detroit, MI

1:03 p.m.  
Intracoronary Imaging to Determine the Causes of isR and ST  
Ziad Ali  
New York, NY

1:11 p.m.  
Case Presentation: Coronary Dissection and Subintimal Hematoma  
Gautam Kumar  
Decatur, GA

1:16 p.m.  
Panel Discussion with Question and Answer

1:20 p.m.  
Is Intracoronary Imaging to Identify Vulnerable Plaque Still Relevant?  
Gary S. Mintz  
Washington, DC

1:28 p.m.  
FFR, IVUS, NIRS or OCT: Selecting One for My Lab or Should I Have It All  
Subhash Banerjee  
Dallas, TX

1:36 p.m.  
Case Presentation: Plaque Prolapse and Clinical Consequences  
Mazen S. Abu-Fadel  
Oklahoma City, OK

1:41 p.m.  
Panel Discussion with Question and Answer



### Interventional Cardiology - Moderated Poster Contributions

#### Session #1224M

#### Refining TAVR Outcomes

Saturday, March 18, 2017, 12:30 p.m. - 1:45 p.m.

Interventional Cardiology Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 1.25 /CNE Hours: 1.25

ACC Poster Moderator: Daniel Howard Steinberg

ACC Poster Moderator: Molly Szerlip

12:30 p.m.

Significant Reduction of Cerebral Ischemic Events With the Sentinel Cerebral Emboli Protection Device in Patients With Transcatheter Aortic Valve Replacement

Julia Seeger, Birgid Gonska, Wolfgang Rottbauer, Jochen Woehrle, University of Ulm, Ulm, Germany

12:40 p.m.

Question and Answer

12:45 p.m.

Frame Geometry and Hemodynamic Findings of Sapien 3 Transcatheter Heart Valve in Patients With Bicuspid Aortic Valve Disease

Hirovuki Kawamori, Sunghan Yoon, Tarun Chakravarty, Yoshio Maeno, Mohammad Kashif, Yigal Abramowitz, Geeteshwar Mangat, Sharjeel Israr, Masaki Miyasaka, Tanya Rami, Hasan Jilaihawi, Wen Cheng, Rahul Sharma, Raj Makkar, Cedars Sinai Medical Center, Los Angeles, CA, USA

12:55 p.m.

Question and Answer

1:00 p.m.

The Association of Coronary Artery Disease Severity and Pre Procedural Completeness of Revascularization on Mortality in Patients Undergoing Transcatheter Aortic Valve Replacement

Guy Witberg, Ehud Regev, Shmuel Chen, Abid Assali, Issi Barbash, David Planer, Hana Vaknin Assa, Victor Guetta, Vicky Zeniou, Katia Orvin, Haim Danenberg, Amit Segev, Ran Kornowski, Rabin Medical Center, Petach-Tikva, Israel

1:10 p.m.

Question and Answer

1:15 p.m.

Concentric Left Ventricular Remodeling Is Associated With Low-Flow Severe Aortic Stenosis and Less Reverse Remodeling After TAVR: A Partner 2 Trial Analysis

Zachary Gertz, Philippe Pibarot, Robert Hodson, Rebecca Hahn, Neil Weissman, Pamela S. Douglas, Sammy Elmariah, Brian Lindman, Marie-Annick Clavel, Stamatis Lerakis, Amr Abbas, Vinod Thourani, Susheel Kodali, Samir Kapadia, Rakesh Suri, Raj Makkar, Michael Mack, Martin Leon, Howard Herrmann, Virginia Commonwealth University, Richmond, VA, USA, University of Pennsylvania, Philadelphia, PA, USA

1:25 p.m.

Question and Answer

1:30 p.m.

Incidence and Outcomes of Patients Requiring Surgical Bail-Out During Transcatheter Aortic Valve Replacement: A Report From the NCDR® STS/ACC Transcatheter Valve Therapy (TVT) Registry

Andres M. Pineda Maldonado, J. Kevin Harrison, Neal Kleiman, Charanjit Rihal, Susheel Kodali, Ajay Kirtane, Martin Leon, Pratik Manandhar, Sreekanth Vemulapalli, Nirat Beohar, Duke University Medical Center, Durham, NC, USA

1:40 p.m.

Question and Answer

### Interventional Cardiology - Poster Contributions

#### Session #1239

#### Interventional Cardiology: PCI and TAVR in Complex Patients

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

117 - Long-Term Adverse Ischemic Outcomes After Percutaneous Coronary Intervention Among Patients With Versus Without Prior Coronary Artery Bypass Grafting: Analysis From 17 Randomized Trials

Jamie Elizabeth Diamond, Bjorn Redfors, Philippe Genereux, Mahesh Madhavan, Ajay Kirtane, Pieter Smits, Roxana Mehran, Rupa Caprihan, Ori Ben-Yehuda, Gregg Stone, The Cardiovascular Research Foundation, New York, NY, USA

118 - The Risk of Adverse Coronary Events Is Higher in Patients With Severe Obstructive Sleep Apnea Following Percutaneous Coronary Intervention  
Amina Adil, Beneet Pandey, Tadele Mengesha, Zoe Heis, Samian Sulaiman, Sulaiman Sultan, Rafath Ullah, M. Fuad Jan, Suhail Allaqaband, Tanvir Bajwa, A. Jamil Tajik, Arshad Jahangir, Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA, Center for Integrative Research on Cardiovascular Aging, Milwaukee, WI, USA

119 - Utilization of Heart Teams in the United States: Results From the Translating Outstanding Performance in Percutaneous Coronary Intervention (TOP PCI) Study

Mohammed Salim Al-Damluji, Karl Minges, Jeffrey Bruckel, Brahmajee Nallamothu, Jephtha Curtis, Yale University, New Haven, CT, USA

120 - Refining the Classification of Severe, Symptomatic Aortic Stenosis Using Flow and Gradient Measurements to Predict Outcomes Post-Transcatheter Aortic Valve Replacement

Matthew Brinkman, Amisha Patel, Cheng-Han Chen, Tamim Nazif, Omar Khalique, Ming Liao, Torsten Vahl, Isaac George, Pablo Codner, Remi Kouz, Juan Terre, Jennifer Jantz, Martin Leon, Susheel Kodali, Rebecca Hahn, Columbia University Medical Center, New York, NY, USA

121 - Calcification in the Basal Septum, but Not Membranous Septal Length, Predicts AV Conduction Disturbance and Pacemaker Implantation Following Transcatheter Aortic Valve Replacement With a Balloon-Expandable Valve (S3)

Brett Oestreich, Sergey Gurevich, Mackenzi Mbai, Rosemary Kelly, Stefan Bertog, Selcuk Adabag, Prabhjot Nijjar, Santiago Garcia, University of Minnesota Medical Center, Minneapolis, MN, USA, Minneapolis VA Medical Center, Minneapolis, MN, USA

122 - Effect of Bivalirudin Versus Unfractionated Heparin in Transcatheter Aortic Valve Replacement With Self-Expanding Valves: From the Bravo-3 Randomized Trial

Jaya Chandrasekhar, Axel Linke, Christian Hengstenberg, Serdar Farhan, Christophe Tron, Andreas Fach, Stephan Windecker, Raban Jeger, Gennaro Sardella, John Webb, Ulrich Schäfer, Thierry Lefevre, Christian Kupatt, Didier Tchetché, Nicolas Dumonteil, Antonio Colombo, Efthymios Deliargyris, Usman Baber, Roxana Mehran, Prodromos Anthopoulos, George Dangas, Icahn School of Medicine at Mount Sinai, New York, NY, USA

123 - Comparison of Radiation Exposure Between Interventional and Noninvasive Cardiologist During Structural Cardiac Interventions

Jawad Chaudhry, David Sedaghat, Erik Altman, Azhar A. Supariwala, Southside Hospital, Northwell Health, Bay Shore, NY, USA

124 - Hemodynamic Assessment of Low Flow, Low Gradient Severe Aortic Stenosis With Preserved EF Using a Pressure Wire

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





### 125 - Economic Implications of Late Discharge After Transcatheter Aortic Catheter Implantation

Sagar Mallikethi-Reddy, Emmanuel Akintoye, Alexandros Briasoulis, Naveen Trehan, Shanker Kundumadam, Anupama Kottam, Shaun Cardozo, Melvyn Rubenfire, Luis Afonso, Cindy Grines, Division of Cardiology, Detroit Medical Center, Wayne State University School of Medicine, Detroit, MI, USA, University of Michigan Medical School, Ann Arbor, MI, USA

### 126 - Predictors of Early Discharge Home After Transcatheter Aortic Valve Implantation

Sagar Mallikethi-Reddy, Naveen Trehan, Shanker Kundumadam, Aditya Sood, Rajeev Sudhakar, Melvyn Rubenfire, Mazhar Khan, Luis Afonso, Cindy Grines, Division of Cardiology, Detroit Medical Center, Wayne State University School of Medicine, Detroit, MI, USA, University of Michigan Medical School, Ann Arbor, MI, USA

### 127 - Non-Trans Femoral Trans Catheter Aortic Valve Replacement in Nonagenarians With Severe Aortic Stenosis: A Matched Case-Control Pilot Study

Alexis Okoh, Dhaval Chauhan, Nathan Kang, Nicky Haik, Bruce J. Haik, Chunguang Chen, Mark Russo, RWJ Barnabas Health, Newark Beth Israel Medical Center, Newark, NJ, USA

### 128 - Predicting Risk Factors for Permanent Pacemaker Placement Following Transcatheter Aortic Valve Replacement: A UTHealth Experience

Ijeoma Ananaba Ekeruo, Omar Hadidi, Yelin Zhao, Richard Smalling, Biswajit Kar, Pranav Loyalka, Daniel Ocazonez, Prakash Balan, McGovern Medical School at the University of Texas Health Sciences Center at Houston, Houston, TX, USA

### 129 - Timing and Algorithm of Permanent Pacemaker Implantation After TAVR

Ijeoma Ananaba Ekeruo, Michael Firstenberg, Roxana Mehran, David Fullerton, Vinod Thourani, Kyle Mitchell, Gina De La Guardia, Prakash Balan, Alistair Philips, Jodie Hurwitz, Tom Nguyen, McGovern Medical School at the University of Texas Health Sciences Center at Houston (UTHealth), Houston, TX, USA

### 130 - Management of Patients With Cardiac Arrest in New York Before and After Public Reporting Policy Changes

Jordan B. Strom, James McCabe, Stephen Waldo, Duane Pinto, Kevin Kennedy, Dmitriy Feldman, Robert Yeh, Beth Israel Deaconess Medical Center, Boston, MA, USA

## Interventional Cardiology - Poster Contributions

### Session #1240

#### Coronary Intervention: Drug Eluting Stent and Scaffolds

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

### 131 - Long-Term Outcomes of Absorb Bioreabsorbable Vascular Scaffold Versus Second Generation Des in Coronary Artery Disease: A Meta-Analysis

Ramez S. Nairouz, Marwan Saad, Partha Sardar, University of Arkansas for Medical Sciences, Little Rock, AR, USA

### 132 - Safety and Efficacy of Small Vessel Stenting With 2 mm Drug Eluting Stents in Real World Clinical Practice

Joshua Ping Yun Loh, Rajiv Ananthakrishna, Hui Wen Sim, Poay Huan Loh, Edgar Tay, Koo Chan, Mark Chan, Ronald C. H. Lee, Adrian Low, Huay-Cheem Tan, National University Heart Centre, Singapore, Singapore

### 133 - Efficacy and Safety of Everolimus-Eluting Stents Versus Slow-Release Zotarolimus-Eluting Stents: A Direct Comparison Meta-Analysis of 29,286 Patients - Years of Follow-Up From Randomized Controlled Trials

Chirag Bavishi, Habib Samady, Pedro Moreno, Gregg Stone, Mount Sinai St. Luke's & Mount Sinai West Hospitals, New York, NY, USA, The Cardiovascular Research Foundation, New York, NY, USA

### 135 - A Cost-Effective Analysis of Short Duration Dual Anti-Platelet Therapy (Dapt) With a Bioabsorbable Polymer Stent Platform Versus Longer Duration Dapt With a Durable Polymer Drug-Eluting Stent in a Patient Population Undergoing Elective Percutaneous Coronary Intervention

Benjamin Zev Galper, Matthew Reynolds, Eric Secemsky, Pallav Garg, David Cohen, Robert Yeh, Smith Center for Outcomes Research in Cardiology, Boston, MA, USA, Harvard Clinical Research Institute, Boston, MA, USA

### 136 - Efficacy and Safety of Patients Treated With 48mm Everolimus Eluting Stent at 1 Year

Chong Keat Tan, Mohd Kamal Mohd Arshad, Hee Hwa Ho, Fahim H. Jafary, Jason K. K. Loh, Timothy Watson, Paul J. L. Ong, Tan Tock Seng Hospital, Singapore, Singapore

### 137 - Early, Late and Very Late Incidence of Bioresorbable Scaffold Thrombosis: A Systematic Review and Meta-Analysis of Randomized Clinical Trials and Observational Registries

Carlos A. Collet, Patrick Serruys, Robbert de Winter, Taku Asano, Yoshinobu Onuma, Yosuke Miyazaki, Yohei Sotomi, Erhan Tenekcioglu, Rafael Cavalcante, Davide Capodanno, Academic Medical Center, Amsterdam, The Netherlands, Imperial College of London, London, United Kingdom

### 138 - Long-Term Pathological Result of Everolimus-Eluting Stent Versus Silolimus-Eluting Stent and Bare Metal Stent

Hirovoshi Mori, Dheeraj Atmakuri, Robert Kutys, Ryan Braumann, Sho Torii, Maria Romero, Emanuel Harari, Renu Virmani, Alope Finn, CVPath institute, Gaithersburg, MD, USA

## Interventional Cardiology - Poster Contributions

### Session #1241

#### Interventional Cardiology: Structural Heart Disease

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

### 140 - Physiological Effect of Transcatheter Left Atrial Appendage Occlusion on Atrial and Brain Natriuretic Peptides and Salt Water Homeostasis

Roberto Spina, David Muller, Brendan Gunalingam, Cardiac Catheterization Laboratories, St. Vincent's Hospital, Sydney, Australia

### 141 - Initial Results and Long-Term Follow-Up of Percutaneous Mitral Valvuloplasty in Patients With Pulmonary Hypertension

Rafael A. Meneguz-Moreno, Jose de Ribamar Costa, Auristela Ramos, Nisia Gomes, Zilda Meneghelo, Alfredo Ferreira Neto, Dimytri Siqueira, Sergio Braga, Cesar Esteves, Amanda Sousa, Alexandre Abizaid, Instituto Dante Pazzanese de Cardiologia, Sao Paulo, Brazil

### 142 - Effect of PFO Closure for Prevention of Recurrent Stroke or TIA in Highly Selected Patients With Cryptogenic Stroke

Minsu Kim, Woong Chol Kang, Jeongeun Moon, Pyung Chun Oh, Yae Min Park, Wook-Jin Chung, Youngwoo Jang, Jongwook Yu, Taehoon Ahn, Gachon University Gil Medical Center, Incheon, South Korea

### 143 - Safety and Feasibility of Rotational Atherectomy in Elderly Patients With Severe Aortic Stenosis and Calcific Coronary Artery Disease Undergoing Evaluation for Transcatheter Aortic Valve Replacement

Matthew Lippmann, Jigar Patel, Jared Kvapil, Michael Pierpoline, Peter Tadros, Mark Wiley, Matthew Earnest, Ashwani Mehta, Eric Hockstad, Kamal Gupta, University of Kansas Medical Center, Kansas City, KS, USA, Mid-America Cardiology, Kansas City, KS, USA

### 144 - Transcatheter Mitral Valve-in-Ring Implantation After Failure of Surgical Mitral Ring Annuloplasty

Tarun Jain, Dee Dee Wang, Marvin H. Eng, Michael Isley, Gaetano Paone, Adam Greenbaum, William O'Neill, Henry Ford Hospital, Detroit, MI, USA

### 145 - Long-Term Durability of Percutaneous Mitral Valve Repair Using MitraClip System: 8-Year Follow-Up



Yoshifumi Nakajima, Krissada Meemook, Mamoo Nakamura, Asma Hussaini, Saibal Kar, Heart Institute, Ceders-Sinai Medical Center, Los Angeles, CA, USA

146 - The Impact of Transaortic Gradient and Transaortic Flow on the Discrepancy Between Echocardiographic and Cardiac Catheterization Evaluation of Severe Aortic Stenosis With Preserved Ejection Fraction  
Zaher Fanari, Prasad Gunasekaran, Jhapat Thapa, Arslan Shaukat, Kamleish Persad, Sumaya Hammami, Mark Wiley, Buddhadeb Dawn, Joseph West, William Weintraub, Andrew J. Doorey, Peter Tadros, University of Kansas, Kansas City, KS, USA, Christiana Care Health System, Newark, DE, USA

147 - Outcomes of Early Versus Delayed Transcatheter Closure of Post-Myocardial Infarction Ventricular Septal Defect  
Mark Heckle, Jeremy Brooksbank, Manyoo Agarwal, Rohan Goswami, Uzoma Ibebuogu, University of Tennessee Health Science Center, Memphis, TN, USA

148 - Syntax Score II in Patients With Coronary Artery Disease Undergoing Mitraclip: A New Approach to Risk Stratification  
Slayman Nabih Obeid, Fabian Nietlispach, Adrian Attinger-Toller, Hector Rodriguez, Maurizio Taramasso, Francesco Maisano, University Hospital of Zurich, Zurich Heart Center, Zurich, Switzerland

### Interventional Cardiology - Poster Contributions Session #1242

**Timely Topics in Acute Coronary Syndromes**  
Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.  
Poster Hall, Hall C  
CME Hours: 0.75 / CNE Hours: 0.75

149 - Health Insurance Related Disparities in Reperfusion and Mortality for Patients With ST Segment Elevation Myocardial Infarction in Sergipe, Brazil  
Jose A. S. Barreto F. H., Laís Costa Souza Oliveira, Jeferson Cunha Oliveira, Ikaro Daniel de Carvalho Barreto, Larissa Andreine Maia Arcelino, José Eduardo Pereira Ferreira, José Teles de Mendonça, Rafael Barreto, Enilson Moraes, Thiago Nascimento, Luiz Flávio Prado, Fabio Silveira, Marcos Antônio Almeida Santos, Antônio Carlos Sobral Sousa, Jussielly Cunha Oliveira, Universidade Federal de Sergipe, Aracaju, Brazil

150 - Outcome and Characteristics of Shockable Versus Non-Shockable Cardiac Arrest in ST Elevation Myocardial Infarction at a Regional Transfer Center  
Benjamin Johnson, Claire Donovan, Ross Garberich, John Hibbs, David Larson, Timothy Henry, Scott Sharkey, Minneapolis Heart Institute, Minneapolis, MN, USA, Hennepin County Medical Center, Minneapolis, MN, USA

151 - Effect of Coronary Dominance on 2-Year Outcomes After Percutaneous Coronary Intervention in Patients With Acute Coronary Syndrome  
He Chen, Jin-Qing Yuan, Xu Bo, Department of Cardiology, State Key Laboratory of Cardiovascular Disease, Fuwai Hospital, Beijing, People's Republic of China

153 - Emergency Room Evaluation of Patients With Cardiac Complaints and New Left Bundle Branch Block: The Utility of the Sgarbossa and Modified Sgarbossa Criteria  
Supreeti Behuria, Joseph C. Yu, Rajbir Sidhu, Perry Fisher, Deepika Misra, Paul (Pavol) Schweitzer, Yumiko Kanei, Mount Sinai Beth Israel, New York, NY, USA

154 - Gender-Related Outcomes in Elderly (> 75 Years) Patients Presenting With Acute Coronary Syndromes: Results From the Swiss Acute Coronary Syndrome Cohort  
Barbara E. Staehli, Manfred B. Wischnewsky, Philipp Jakob, Roland Klingenberg, Slayman Obeid, Dik Heg, Lorenz Räber, Stephan Windecker, Francois Mach, Baris Gencer, David Nanchen, Peter Jüni, Ulf Landmesser, Christian Matter, Thomas F. Lüscher, Willibald Maier, Department of Cardiology, University Heart Center, University Hospital Zürich, Zürich, Switzerland

155 - Predictors of High Intensity Statin Use After Percutaneous Coronary Interventions

Michela Faggioni, Zhen Ge, Samantha Sartori, Usman Baber, Annapoorna Kini, George Dangas, Sonny Sayseng, Jaya Chandrasekhar, Jason Kovacic, Pedro Moreno, Birgit Vogel, Serdar Farhan, Clayton Snyder, Joseph Sweeny, Sabato Sorrentino, Srinivas Kesanakurthy, Javed Suleman, Vishal Kapur, Nitin Barman, Choudhury Hasan, Roxana Mehran, Samin Sharma, Mount Sinai Medical Center, New York, NY, USA

156 - Use of Potent P2y12 Inhibitors in African-American Patients Treated With Percutaneous Coronary Intervention for Acute Coronary Syndromes  
Michela Faggioni, Usman Baber, Jaya Chandrasekhar, Birgit Vogel, Samantha Sartori, Melissa Aquino, Annapoorna Kini, William Weintraub, Samir Kapadia, Sandra Weiss, Craig Strauss, Clayton Snyder, Catalin Toma, J. Muhlestein, Anthony C. DeFranco, Mark B. Effron, Stuart Keller, Brian Baker, Stuart Pocock, Timothy Henry, Sunil Rao, Roxana Mehran, Mount Sinai Medical Center, New York City, NY, USA

157 - Evaluation of Exercise Response in Young Adults in a High Risk Occupation: Submaximal Invasive Cardiopulmonary Exercise Testing in Active Duty Soldiers  
Faith Kelly, James Watts, Terry Bauch, Joseph Murgo, Bernard Rubal, San Antonio Military Medical Center, San Antonio, TX, USA

158 - Kidney Transplantation: Does It Affect Outcomes for Percutaneous Coronary Intervention in Patients Presenting With Acute Myocardial Infarction? Analysis From Nationwide Inpatient Sample (NIS)  
Konstantinos V. Voudris, Mladen Vidovich, Department of Medicine, University of Illinois at Chicago / Advocate Christ Medical Center, Chicago, IL, USA, Division of Cardiology, University of Illinois at Chicago, Chicago, IL, USA

159 - Predictors of True ST-Segment Elevation Myocardial Infarction in Cocaine Positive Patients  
Ikechukwu Ifedili, Siri Kadire, Tamunoinemi Bob-Manuel, Britney Heard, Leah John, Benjamin Zambetti, Mark Heckle, Fridjof Thomas, Showkat Haji, Rami Khouzam, Guy Reed, Uzoma Ibebuogu, University of Tennessee Health Science Center, Memphis, TN, USA

160 - Acute Coronary Syndrome in Retroviral Positive Patients Challenges and Dilemmas With Special Emphasis on Coronary Revascularization  
Natraj Setty, Nagaraja Moorthy, T. R. Raghu, Srinivas B. C., Srinivas K. H., I. Beeresh, Rangaraj Ramalingam, Jayashree Kharge, Manjunath C. N., Sri Jayadeva Institute of Cardiovascular Sciences and Research, Bangalore, India

161 - A New Prognosis Score to Predict Mortality in Patients Over 75 Years Old Undergoing Primary Angioplasty in Cardiogenic Shock  
Jose M. de la Torre Hernandez, Joan A. Gomez Hospital, Salvatore Brugaletta, Jose A. Baz, Armando Perez de Prado, Ramon Lopez Palop, Belen Cid, Tamara Garcia Camarero, Alejandro Diego, Federico Gimeno, Jose A. Fernandez Diaz, Juan Sanchis, Fernando Alfonso, Roberto Blanco, Javier Botas, Javier Navarro, Jose Moreu, Francisco Bosa, Jose M. Vegas, Jaime Elizaga, Antonio L. Arrebola, Jose R. Ruiz Arroyo, Jose A. Linares, Felipe Hernandez, Neus Salvatella, ESTROFA Study Group, Santander, Spain

162 - Time to Treatment With Melatonin and Infarct Size in Patients With ST-Segment Elevation Myocardial Infarction: Insights From the MARIA (Melatonin Adjunct in the acute myocArdial Infarction treated with Angioplasty) Trial  
Alberto Dominguez-Rodriguez, Pedro Abreu-Gonzalez, Jose M. de la Torre-Hernandez, Luciano Consuegra-Sanchez, Raffaele Piccolo, Julia Gonzalez-Gonzalez, Tamara Garcia-Camarero, Maria del Mar Garcia-Saiz, Ana Aldea-Perona, Russel Reiter, Department of Cellular and Structural Biology, University of Texas Health Science Center, San Antonio, TX, USA, Hospital Universitario de Canarias, Tenerife, Spain

163 - Systemic Pentraxin 3 Is a Potential Biomarker to Differentiate Plaque Erosion From Plaque Rupture in Acute Coronary Syndrome Patients



Irina Mustafina, Sining Hu, Haibo Jia, Gonghui Zheng, Wei Liu, Lulu Li, Yinchun Zhu, Chao Wang, Abigail Afolabi, Chunyang Zhe, Yan Wang, Hui Dong, Xiling Zhang, Lin Lin, Yandong Fu, Shaotao Zhang, Yang Liu, Shaosong Zhang, Naufal Zagidullin, Ik-Kyung Jang, Bo Yu, The Second Affiliated Hospital of Harbin Medical University, Harbin, People's Republic of China

164 - Routine Invasive Versus Conservative Strategy for Elderly Patients Aged >75 Years With Non-ST Elevation Acute Coronary Syndrome (NSTEMI-ACS): A Meta-Analysis of Randomized Controlled Trials

Aakash Garg, Amit Rout, Sahil Agrawal, Tanush Gupta, Shivank Madan, Gautam Visveswaran, Lohit Garg, Parasuram Krishnamoorthy, Abhishek Sharma, John Kostis, Rutgers Saint Peter's University Hospital, New Brunswick, NJ, USA

165 - Predictors of Mortality in Acute Myocardial Infarction Patients With Unprotected Left Main Coronary Artery Disease

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

166 - Percutaneous Coronary Intervention Is Associated With Decreased Mortality in NSTEMI Patients With Advanced CKD

Subir Bhatia, Shilpkumar Arora, Sravya Mallam, Kanishk Agnihotri, Parshva Patel, Nilay Patel, Apurva Badheka, Sidakpal Panaich, Abhishek Deshmukh, Mayo Clinic, Rochester, MN, USA

### Interventional Cardiology - Poster Contributions

#### Session #1243

#### Interventional Cardiology: TAVR 3

Saturday, March 18, 2017, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 / CNE Hours: 0.75

167 - Multicenter Evaluation of the ACURATE Neo Transfemoral Transcatheter Heart Valve: Clinical Results and Propensity Matched Comparison With SAPIEN 3

Oliver Husser, Won-Keun Kim, Costanza Pellegrini, Andreas Holzamer, Thomas Walther, Patrick N. Mayr, Michael Joner, Albert M. Kasel, Jonathan Michel, Tobias Andreas Rheude, Adnan Kastrati, Heribert Schunkert, Christof Burgdorf, Michael Hilker, Helge Möllmann, Christian Hengstenberg, Germa Heart Center Munich, Munich, Germany

168 - First Report of Clinical Outcomes With the Next-Generation LOTUS Edge Valve System: Results From the LOTUS Edge Feasibility Trial

Darren Walters, Robert Gooley, O. Christopher Raffel, Liam M. McCormick, Anne Cornaille, Dominic J. Allocco, Ian Meredith, The Prince Charles Hospital, Brisbane and University of Queensland, Brisbane, Queensland, Australia, MonashHeart, Monash Health, Monash Medical Centre & Monash University, Melbourne, Victoria, Australia

169 - Transcatheter Aortic Valve Implantation in Patients With Bicuspid Aortic Valve Stenosis Utilizing the Next Generation Fully Retrievable and Repositionable Valve System: Early Results From the Multicenter Pol-Tavi Registry

Lukasz Koltowski, Janusz Kochman, Radoslaw Parma, Anorzey Ochala, Zenon Huczek, Adam Witkowski, Piotr Scislo, Marek Grygier, Maciej Lesiak, Eberhard Grube, Marian Zembala, Medical University of Warsaw, Warsaw, Poland

170 - Does Balloon Predilatation Influence Outcome With the Lotus Valve: 30-Day Results From the RESPOND Study

Nicolas M. Van Mieghem, Jochen Woehrle, David Hildick-Smith, Sabine Bleiziffer, Daniel J. Blackman, Mohamed Abdel-Wahab, Ulrich Gerckens, Axel Linke, Hueseyin Ince, Peter M. Wenaweser, Dominic Allocco, Keith Dawkins, Volkmar Falk, Boston Scientific, Marlborough, MA, USA

183 - One Year Outcome in Patients Undergoing Transfemoral Aortic Valve Replacement (TAVR) With the Repositionable and Retrievable Boston Scientific Lotus Valve Compared With the Balloon-Expandable Edwards Sapien 3 Device

Julia Seeger, Birgid Gonska, Wolfgang Rottbauer, Jochen Woehrle, University of Ulm, Ulm, Germany

171 - Initial Use of the Evolut Pro Self-Expanding Transcatheter Aortic Valve

John Kiene Forrest, Abeel Mangi, Jeffrey Popma, Kamal Khabbaz, Michael Reardon, Neal Kleiman, Steven Yakubov, Daniel Watson, Susheel Kodali, Isaac George, Peter Tadros, George Zorn, John Brown, Robert Kipperman, Cezar Staniloae, Mathew Williams, Yale-New Haven Hospital, New Haven, CT, USA

172 - Comparison of Acute Elastic Recoil Between CoreValve and SAPIEN 3 Valves in Transcatheter Aortic Valve Replacement

Yash Jobanputra, Kesavan Sankaramangalam, Krishna Kandregula, Kinjal Banerjee, Brandon Jones, Stephanie Mick, Amar Krishnaswamy, Maan Fares, Samir Kapadia, Cleveland Clinic, Cleveland, OH, USA

173 - Regional Variations in In-Hospital Outcomes and Healthcare Resource Utilization in Patients Undergoing Transcatheter Aortic Valve Replacement in the United States

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

174 - Role of Hospital Volume in Identifying Low and High-performing Surgical Valve Centers in the United States

Rohan Khera, Ambarish Pandey, Brahmajee Nallamothu, Sandeep Das, Mark H. Drazner, Michael Jessen, Ajay Kirtane, Deepak Bhatt, James A. de Lemos, Dharam Kumbhani, University of Texas Southwestern Medical Center, Dallas, TX, USA

176 - Transapical TAVR Is Associated With Higher Morbidity and Mortality Compared to Transfemoral TAVR in Men but Not in Women

Salman Atiq Arain, Yelin Zhao, Jafer Al-Khafaji, Kaleb Lambeth, Abhijeet Dhoble, Tom Nguyen, Pranav Loyalka, Biswajit Kar, Richard Smalling, Prakash Balan, University of Texas Health Sciences Center - Houston, Houston, TX, USA

177 - Transfemoral Versus Transapical Transcatheter Aortic Valve Replacement: An Analysis of 2013 National Readmission and Inpatient Sample Databases

Afnan R. Tarig, Aditya Mantha, University of California Irvine, Orange, CA, USA

178 - The Natural History of Paravalvular Regurgitation After Transarterial Valve Implantation for Severe Aortic Stenosis: One Center Experience

Dragos Alexandru, Timothy Park, Florentina Petillo, Simcha Pollack, George Petrossian, Newell Robinson, Dennis Mihalatos, Eddy Barasch, St. Francis Hospital, Roslyn, NY, USA

179 - Comparative Outcome of Paravalvular Leak Following Surgical Versus Transcatheter Aortic Valve Replacement

Mahmoud Ali, Ratnasari Padang, Kevin Greason, Christopher Scott, Charanjit Rihal, Mackram F. Eleid, Patricia Pellikka, Vuyisile Nkomo, Sorin Pislaru, Mayo Clinic, Rochester, MN, USA

180 - Patterns of Red Blood Cell Transfusion and Associated Outcomes in Patients Undergoing TAVR: Insights for the STS/ACC TVT Registry

Matthew William Sherwood, Katelyn Xiang, Roland Matsouaka, Sreekanth Vemulapalli, Amit Vora, Eric Peterson, Sunil Rao, Inova Heart and Vascular Institute, Falls Church, VA, USA, Duke Clinical Research Institute, Durham, NC, USA



175 - Periprocedural Blood Transfusions in Patients Undergoing Transcatheter Aortic Valve Replacement  
Konstantinos V. Voudris, Richard B. Devereux, Dmitry Feldman, Robert Minutello, Luke Kim, Harsimran Singh, Geoffrey Bergman, Arash Salemi, Shing-Chiu Wong, Department of Medicine, University of Illinois at Chicago / Advocate Christ Medical Center, Chicago, IL, USA, New York Presbyterian / Weill Cornell Medical College, New York, NY, USA

181 - Predictors of Late Bleeding in the TAVR Population  
Elsheikh Abdelrahim, Marvin H. Eng, Sarah Gorgis, Sagger Mawri, Dee Dee Wang, Adam Greenbaum, Meredith Mahan, Janet Wyman, Gaetano Paone, William O'Neill, Henry Ford Hospital, Detroit, MI, USA

188 - Antithrombotic Therapy Differences and Associated Outcomes in Patients With Atrial Fibrillation Undergoing Transcatheter Aortic Valve Replacement  
Ron Waksman, M. Chadi Alraies, Kyle Buchanan, Edward Koifman, Homam Moussa Pacha, Arie Steinvil, Toby Rogers, Jiaxiang Gai, Rebecca Torguson, Michael Gaglia, Itsik Ben-Dor, Augusto Pichard, Lowell Satler, Washington Hospital Center, Washington, DC, USA

182 - Apixaban in Atrial Fibrillation Patients With Renal Insufficiency After Transcatheter Aortic Valve Replacement  
Julia Seeger, Birgit Gonska, Wolfgang Rottbauer, Jochen Woehrle, University of Ulm, Ulm, Germany

184 - Transcatheter Aortic Valve Replacement Patients With Atrial Fibrillation Are at High Risk for Stroke and Bleeding: A Rationale for Consideration of Transcatheter Aortic Valve Replacement and Left Atrial Appendage Closure as Complementary Therapies  
Kishore J. Harjai, Eugenia Hopkins, Vernon Mascarenhas, Samuel Crockett, Deepak Singh, Russell Stahl, Thomas J. Bules, Lori Scalzo, Pugazhendhi Vijayararam, Geisinger Wyoming Valley Heart Hospital, Wilkes-Barre, PA, USA

185 - Stroke and Cardiovascular Outcomes in Patients With Carotid Disease Undergoing TAVR: Insights From the STS/TVT Registry  
Ajar Kochar, Zhuokai Li, John Harrison, G. Chad Hughes, Vinod Thourani, Michael Mack, David Cohen, Eric Peterson, William Jones, Sreekanth Vemulapalli, Duke Clinical Research Institute, Durham, NC, USA

186 - Meta-Analysis on Cerebral Embolic Protection Devices During Transcatheter Aortic Valve Implantation  
Rodrigo Bagur, Karla Solo, Luis Nombela-Franco, Chun Shing Kwok, Mamas Mamas, Western University, London, Canada

189 - Acute Aortic Regurgitation Post-Transcatheter Aortic Valve Replacement: Impact of Various Treatment Strategies  
Ron Waksman, Edward Koifman, Hector Garcia-Garcia, Paul Corso, Sarkis Kiramijyan, Romain Didier, Nirav Patel, Arpi Tavil-Shatelian, Arie Steinvil, Toby Rogers, Sandeep Kumar, Jiaxiang Gai, Rebecca Torguson, Itsik Ben-Dor, Augusto Pichard, Lowell Satler, MedStar Washington Hospital Center, Washington, DC, USA

187 - Transcatheter Aortic Valve Implantation Is Safe in Patients With Left Atrial Thrombus or Spontaneous Echo Contrast  
Berhane M. Worku, Polydoros Kampaktsis, Isif Gulkarov, Shing-Chiu Wong, Regis Chang, Abdullah Aftab, Arash Salemi, New York Presbyterian Hospital/Weill Cornell Medical Center, New York, NY, USA, New York Methodist Hospital, Brooklyn, NY, USA

190 - Prosthetic Surgical Tissue Valve Enlargement Using a High-Pressure Balloon (Fracturing the Ring) to Facilitate Transcatheter Valve-in-Valve Implantation  
Keith B. Allen, Adnan Chhatrwalla, David Cohen, Sanjeev Aggarwal, Suzanne Baron, Anthony Hart, John Saxon, Anthony Bavry, Thomas Beaver, Ashkan Karimi, Michael Lim, Richard Lee, A. Michael Borkon, St. Luke's Mid America

Heart Institute, Kansas City, MO, USA, University of Florida, Gainesville, FL, USA

191 - Infective Endocarditis After Transcatheter Aortic Valve Replacement: Insights From the Nationwide Readmissions Database  
Dhaval Kolte, Andrew Goldsweig, J. Abbott, Paul Gordon, Frank Sellke, Afshin Ehsan, Neel Sodha, Barry Sharaf, Herbert Aronow, Brown University/Rhode Island Hospital, Providence, RI, USA

192 - Risk of Adverse Outcomes in Treatment Modalities for Severe Aortic Stenosis in Randomized Control Trials: Direct and Indirect Comparisons  
Navkaranbir S. Bajaj, Garima Arora, Nirav Patel, Rajat Kalra, Shikhar Vohra, Amier Ahmad, Pankaj Arora, University of Alabama at Birmingham, Birmingham, AL, USA, Brigham and Women's Hospital, Boston, MA, USA

193 - Transcatheter Versus Surgical Aortic Valve Replacement in Diabetes Mellitus: From the Nationwide Inpatient Sample  
Tomo Ando, Emmanuel Akintoye, Tesfaye Telila, Alexandros Briasoulis, Hisato Takagi, David Slovut, Theodore Schreiber, Cindy Grines, Luis Afonso, Detroit Medical Center, Detroit, MI, USA

194 - Comparing Outcomes in COPD Patients Undergoing TAVR and SAVR: A Propensity Matched Analyses  
Viraj Bhise, Min Ji Kwak, Richard Smalling, Abhijeet Dhoble, University of Texas McGovern School of Medicine, Houston, TX, USA

195 - Clinical Outcomes of Patients With Pacemaker Implantation After Transcatheter Aortic Valve Replacement: Meta-Analysis and Meta-Regression  
Divyanshu Mohananey, Stephanie Mick, Amar Krishnaswamy, E. Murat Tuzcu, Samir Kapadia, Cleveland Clinic, Cleveland, OH, USA

196 - The Incidence of Permanent Pacemaker Implantation With SAPIEN 3 Heart Valve - Implantation Depth: The Higher the Better?  
Fernando Ramirez Del Val, Edward Carreras, Ahmed Kolkailah, Ritam Chowdhury, Siobhan McGurk, Jiayee Lee, Prem Shekar, Charles Nyman, Piotr Sobieszczek, Marc Pelletier, Tsuyoshi Kaneko, Douglas Shook, Brigham and Women's Hospital, Boston, MA, USA

### Interventional Cardiology - Live Cases Session #204

**Interventional Live Case Session V: Complex Coronary and Physiology from Mid-America Heart Institute (Kansas City, Missouri)**  
Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.  
Hall D (Main Tent)  
CME Hours: 1.5 / CNE Hours: 1.5

2:00 p.m.  
Live Case Operator  
James Aaron Grantham  
Kansas City, MO

Co-Chair: Rasha Al-Lamee  
Co-Chair: William Fuller Fearon  
Panelist: Ziad Ali  
Panelist: Manish A. Parikh  
Panelist: Douglas E. Drachman  
Panelist: Habib Samady  
Panelist: Farouc A. Jaffer  
Panelist: Giora Weisz





### Interventional Cardiology - Scientific

#### Session #706

**Mastering Cath Lab Leadership and Economics in a New Era: A Joint Symposium by the Society of Cardiovascular Angiography and Interventions and the American College of Cardiology**  
Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.

Room 201

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Robert J. Applegate

Co-Chair: Charles E. Chambers

2:00 p.m.

Part I: Leadership and Economics

2:00 p.m.

Effective Strategies for Success of the Medical Director

David Gerard Rizik

Scottsdale, AZ

2:10 p.m.

Integrating Expensive Technologies in the Cath Lab Budget

Robert J. Applegate

Winston-Salem, NC

2:20 p.m.

Can the Cath Lab be a Value Proposition?

Kirk N. Garratt

Newark, DE

2:30 p.m.

Question and Answer

2:45 p.m.

Part II: Quality and New Technology

2:45 p.m.

How to Incorporate Quality Metrics in Your Daily Practice

Rajesh V. Swaminathan

New York, NY

2:55 p.m.

MACRA and Bundle Payments for PCI: Impact on Quality?

Peter L. Duffy

Pinehurst, NC

3:05 p.m.

New Technologies to Address Cath Lab Hazards?

Emmanouil S. Brilakis

Dallas, TX

3:15 p.m.

Question and Answer

### Interventional Cardiology - Scientific

#### Session #707

**Imaging for Left Atrial Appendage and Paravalvular Leak Closure: A Case Based Approach**

Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.

Room 206

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Aaron V. Kaplan

Co-Chair: Sreekanth Vemulapalli

Panelist: Reda Ibrahim

Panelist: Matthew J. Price

Panelist: Charanjit S. Rihal

Panelist: Jacqueline W. L. Saw

Panelist: Robert J. Siegel

2:00 p.m.

LAA Imaging- TEE: Getting Down to Basics

Robert J. Siegel

Los Angeles, CA

2:12 p.m.

LAA Imaging- CT/MRI Imaging: Getting Down to Basics

Jacqueline W. L. Saw

Vancouver, Canada

2:24 p.m.

Intra-Procedural Imaging: TEE, ICE and Fluoro- Bringing it All Together

Matthew J. Price

La Jolla, CA

2:36 p.m.

Case Presentation: Pre-Procedural, Intra-Procedural, and Post Procedural

Evaluation

Ramon Quesada

Miami, FL

2:41 p.m.

Case Discussion with Question and Answer

2:51 p.m.

Post Procedure Imaging: Understanding the Post Implant Evaluation and its Impact on Anticoagulation Strategy

Reda Ibrahim

Montreal, Canada

3:03 p.m.

Paravalvular Leak: Overriding Principals and Pre-Procedural Criteria

Charanjit S. Rihal

Rochester, MN

3:15 p.m.

Question and Answer

### Interventional Cardiology - Scientific

#### Session #708

**Left Main PCI: Why? When? How?**

Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.

Room 207 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: David J. Cohen

Co-Chair: David E. Kandzari

Panelist: Antonio Colombo

Panelist: A. Pieter Kappetein

Panelist: Raj R. Makkar

Panelist: Gary S. Mintz

Panelist: Gregg W. Stone

2:00 p.m.

Case Presentation: Bifurcation Distal Left Main Disease Covering Clinical Scenario and Imaging

Amit Vora

Durham, NC

2:05 p.m.

Case Discussion with Question and Answer

2:15 p.m.

Insights from SYNTAX and PRECOMBAT

A. Pieter Kappetein

Rotterdam, Netherlands

2:25 p.m.

Insights from EXCEL and NOBLE





Gregg W. Stone  
New York, NY

2:35 p.m.  
Question and Answer

2:45 p.m.  
Technical Issues in Left Main PCI  
Antonio Colombo  
Milan, Italy

2:55 p.m.  
How to Assess the Left Main Using Physiology and Imaging  
Gary S. Mintz  
Washington, DC

3:05 p.m.  
Left Main PCI: When and How to Use Circulatory Support  
Raj R. Makkar  
Los Angeles, CA

3:15 p.m.  
Question and Answer

### Interventional Cardiology - Oral Contributions

#### Session #906

#### The Best Structural Interventional Challenging Cases

Saturday, March 18, 2017, 2 p.m. - 3:30 p.m.

Room 202 B

CME Hours: 1.5 /CNE Hours: 1.5

ACC Co-Chair: Mauricio G. Cohen  
ACC Co-Chair: Paul Sorajja  
ACC Panelist: Hani Jneid  
ACC Panelist: Nikolaos Kakouros  
ACC Panelist: Roger J. Laham  
ACC Panelist: Kreton Mavromatis

2:00 p.m.  
To Close or Not to Close: Percutaneous Treatment of Acquired Gerbode Defect  
Alec Vishnevsky, Evan Caruso, Praveen Mehrotra, John C. Entwistle, III, Michael Savage, Nicholas Ruggiero, Thomas Jefferson University Hospital, Philadelphia, PA, USA

2:11 p.m.  
Panel Discussion

2:18 p.m.  
The First Case of Edward SAPIEN S3 Pulmonary Valve-in-Valve Deployment  
Manik Veer, Anas Mansour, David Lasorda, Robert Moraca, Ramzi Khalil, Allegheny General Hospital, Allegheny Health Network, Pittsburgh, PA, USA

2:29 p.m.  
Panel Discussion

2:36 p.m.  
Microcoil Embolization of an Aortic Root Pseudoaneurysm Through a Transthoracic Approach  
Timothy R. Canan, Eric Yang, Scott Genshaft, John Moriarty, University of California, Los Angeles, Los Angeles, CA, USA

2:47 p.m.  
Panel Discussion

2:54 p.m.  
Late Manifestation of Eisenmenger Physiology After Atrial Septal Defect Closure

Ali Hama Amin, Ashwin Bhurud, Krishna Kishore Bingi, Sami Aljohani, Fahad Alqahtani, Mohamad Alkhoul, West Virginia University Heart and Vascular Institute, Morgantown, WV, USA

3:05 p.m.  
Panel Discussion

3:12 p.m.  
Transapical Mitral Paravalvular Leak Closure for Recurrent Paravalvular Leak  
Tilak Pasala, Atish Mathur, Carlos Ruiz, Hackensack University Medical Center, Hackensack, NJ, USA

3:23 p.m.  
Panel Discussion

### Interventional Cardiology - Moderated Poster Contributions

#### Session #1263M

#### Percutaneous Coronary Intervention: Lessons From the Real World

Saturday, March 18, 2017, 3:45 p.m. - 4:30 p.m.

Interventional Cardiology Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: Amit P. Amin  
ACC Poster Moderator: Somjot Singh Brar

3:45 p.m.  
Nine Year Trends in Cause-Specific Mortality After Percutaneous Coronary Intervention: Observations From the Alberta Provincial Project for Outcome Assessment in Coronary Heart Disease (APPROACH) Registry  
Walid Barake, Dat Tran, Diane Galbraith, Colleen Norris, Merrill L. Knudtson, Padma Kaul, Finlay McAlister, Roopinder Sandhu, University of Alberta, Edmonton, Canada, University of Calgary, Calgary, Canada

3:55 p.m.  
Question and Answer

4:00 p.m.  
Outcomes After Percutaneous Coronary Intervention Among Patients With a History of Transient Ischemic Attack or Cerebrovascular Accident: Insights From the Blue Cross Blue Shield of Michigan Cardiovascular Consortium  
Devraj Sukul, Milan Seth, David Wohns, Simon R. Dixon, Nicklaus Slocum, Hitinder Gurm, University of Michigan, Ann Arbor, MI, USA

4:10 p.m.  
Question and Answer

4:15 p.m.  
Outcomes in Patients Undergoing Cardiac Catheterization and Therapeutic Hypothermia After Cardiac Arrest  
Dhaval Desai, Daniel Ortiz, Thomas Wilson, Tonga Nfor, M. Fuad Jan, Jayant Khitha, Tanvir Bajwa, Suhail Allaqaband, Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

4:25 p.m.  
Question and Answer

### Interventional Cardiology - Live Cases

#### Session #205

#### Interventional Live Case Session VI: Bioresorbable Scaffolds and Imaging from St. Vincent Hospital (Indianapolis, IN)

Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.

Hall D (Main Tent)

CME Hours: 1.25 /CNE Hours: 1.25

4:45 p.m.  
Live Case Operator  
James Bernard Hermiller  
Indianapolis, IN



Co-Chair: Antonio Colombo  
 Co-Chair: Alexandre Abizaid  
 Panelist: Dean J. Kereiakes  
 Panelist: Stephen G. Ellis  
 Panelist: Jean-Francois Tanguay  
 Panelist: David Alan Cox  
 Panelist: Mauricio G. Cohen  
 Panelist: Jose Wiley

#### Interventional Cardiology - Scientific

##### Session #720

#### Coronary Physiology and Microcirculation

Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.

Room 201

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Javier Escaned  
 Co-Chair: William Fearon  
 Panelist: William Fuller Fearon  
 Panelist: Allen Jeremias  
 Panelist: Habib Samady  
 Panelist: Bruce A. Samuels

4:45 p.m.

Does the Interventional Cardiologist Have to be Concerned with the Microcirculation?

Javier Escaned  
 Madrid, Spain

4:53 p.m.

Is Endothelial Function and Vasospasm Assessment Relevant in 2017?

Habib Samady  
 Atlanta, GA

5:01 p.m.

Case Presentation: Step by Step Description of Coronary Reactivity Testing in the Cath Lab

Bruce A. Samuels  
 Los Angeles, CA

5:06 p.m.

Are FFR/iFR Valid in the Infarct Bed in Acute NSTEMI and STEMI?

Sayan Sen  
 London, United Kingdom

5:14 p.m.

Is FFR/iFR Useful in the Assessment of the Non-Infarct Bed in Acute NSTEMI and STEMI

Prashant Kaul  
 NC

5:22 p.m.

Case Presentation: Physiology Measurements in STEMI- Clinical Examples

Zaher Fanari  
 Springfield, IL

5:27 p.m.

Novel Physiologic Indices to Predict Functional Recovery During STEMI

Rajesh Kharbanda  
 Oxford, United Kingdom

5:35 p.m.

When FFR and iFR Disagree - Is Measuring Flow the Answer?

Allen Jeremias  
 Huntington, NY

5:43 p.m.

Case Presentation: Simultaneous Pressure and Flow Measurements

Sukhjinder S. Nijjer  
 Ruislip, United Kingdom

5:48 p.m.

Panel Discussion with Question and Answer

#### Interventional Cardiology - Scientific

##### Session #721

#### Challenging PCI: Tips and Tricks from the Experts

Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.

Room 202 B

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Carlo Briguori

Co-Chair: Cindy L. Grines

4:45 p.m.

Case Presentation: Wiring Angulated Side Branches and Crushed Stents  
 David Gerard Rizik

4:50 p.m.

Case Discussion with Question and Answer

5:00 p.m.

Case Presentation: Undilatable and Calcified Lesions

William W. O'Neill  
 Detroit, MI

5:05 p.m.

Case Discussion with Question and Answer

5:15 p.m.

Case Presentation: Proximal Tortuosity, Difficulty Delivering Stent

Carlo Briguori  
 Naples, Italy

5:20 p.m.

Case Discussion with Question and Answer

5:30 p.m.

Case Presentation: Catheter Induced Spiral Dissection with Abrupt Closure

Annapoorna Subhash Kini  
 New York, NY

5:35 p.m.

Case Discussion with Question and Answer

5:45 p.m.

Case Presentation: Challenging Radial PCI

Jennifer Tremmel  
 Redwood City, CA

5:50 p.m.

Case Discussion with Question and Answer

#### Interventional Cardiology - Scientific

##### Session #722

#### Mechanical Support, Hemodynamic Support for Shock in High Risk Subsets; Hemodynamic Compromise

Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.

Room 206

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Deepak Bhatt

Co-Chair: Roxana Mehran

Panelist: Hari Reddy Mallidi

Panelist: David A. Morrow

Panelist: Holger Thiele

Panelist: George W. Vetrovec

Panelist: Robert W. Yeh

4:45 p.m.

Case Presentation: Management of the Right Ventricular Support



Sandeep Nathan  
Chicago, IL

4:50 p.m.  
Question and Answer

5:00 p.m.  
IMPELLA and Tandem Heart  
Robert W. Yeh  
Boston, MA

5:10 p.m.  
Balloon Pump  
Holger Thiele  
Lubeck, Germany

5:20 p.m.  
ECMO  
Hari Reddy Mallidi  
Boston, MA

5:30 p.m.  
Hypothermia and Out of Hospital Arrest  
David A. Morrow  
Boston, MA

5:40 p.m.  
Panel Discussion

5:50 p.m.  
Question and Answer

### Interventional Cardiology - Scientific Session #723

**Transcatheter Mitral Valve Repair**  
Saturday, March 18, 2017, 4:45 p.m. - 6 p.m.  
Room 207 A  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Jason Rogers  
Co-Chair: Gregg W. Stone

4:45 p.m.  
Essential Echocardiographic Imaging for Mitral Regurgitation  
Thomas Smith

4:52 p.m.  
MitraClip: Current Data Overview  
Gregg W. Stone  
New York, NY

5:02 p.m.  
Transseptal Puncture for MitraClip: Starting Right  
Paul Sorajja  
Minneapolis, MN

5:09 p.m.  
Optimizing Clip Alignment for Grasping  
Jason Rogers  
Sacramento, CA

5:16 p.m.  
Multi-Clip Strategies  
Saibal Kar  
Los Angeles, CA

5:23 p.m.  
MitraClip Case Example: Functional MR  
Brian K. Whisenant  
Salt Lake City, UT

5:28 p.m.  
Neochord Chordal Replacement: Case and Overview  
Michael Borger  
New York, NY

5:33 p.m.  
Harpoon Chordal Replacement: Case and Overview  
Krzysztof Bartus  
Krakowska, Poland

5:38 p.m.  
Transcatheter Direct Annuloplasty: Current Update  
Howard C. Herrmann  
Philadelphia, PA

5:45 p.m.  
Question and Answer

### Interventional Cardiology - Scientific Session #734

**Training for Interventional Procedures: Who Should Do What,  
Where, When, How, and Why**  
Sunday, March 19, 2017, 8 a.m. - 9:30 a.m.  
Room 202 B  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: David R. Holmes  
Co-Chair: Alice K. Jacobs

8:00 a.m.  
What: Fellowship Training Standards  
Alice K. Jacobs

8:12 a.m.  
Where: Centers of Excellence  
Stephen G. Ellis  
Cleveland, OH

8:24 a.m.  
When: Putting AUC into Practice  
Gregory J. Dehmer  
Temple, TX

8:36 a.m.  
How: Operator Guidelines Documents  
Carl L. Tommaso  
Skokie, IL

8:48 a.m.  
Why: Impact of Operator Volume: Are Criteria Useful?  
Theodore A. Bass  
Jacksonville, FL

9:00 a.m.  
Debate Pro: The Time for Even Tighter Regulations on Training Is Here  
William L. Lombardi  
Bellingham, WA

9:16 a.m.  
Rebuttal: Pro

9:18 a.m.  
Rebuttal: Con

9:20 a.m.  
Question and Answer



### Interventional Cardiology - Scientific

#### Session #735

#### The Forgotten Valves: Therapies for Tricuspid and Pulmonic Valve

Sunday, March 19, 2017, 8 a.m. - 9:30 a.m.

Room 206

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Vasilis Babaliaros

Co-Chair: Scott D. Lim

8:00 a.m.

Essential Imaging of the Right Heart and Pulmonary Embolism: Echo, CT, and MRI

Yuchi Han

8:17 a.m.

Case Presentation: Catheter-Based Treatment of Acute Pulmonary Embolism

Jay Giri

Philadelphia, PA

8:23 a.m.

Case Discussion with Question and Answer

8:28 a.m.

Pulmonic Stenosis and Regurgitation: When to Fix and Why?

Steven F. Bolling

Ann Arbor, MI

8:38 a.m.

Melody Transcatheter PV Replacement: Case and Overview

Barry A. Love

New York, NY

8:44 a.m.

Sapien Transcatheter PV Replacement: Case and Overview

Ziyad M. Hijazi

Doha, Qatar

8:50 a.m.

Case Discussion with Question and Answer

8:55 a.m.

Functional Tricuspid Regurgitation: Echocardiographic Imaging

Partho P. Sengupta

New York, NY

9:02 a.m.

FTR: Current Management and Rationale for Percutaneous Therapies

Jason H. Rogers

Sacramento, CA

9:08 a.m.

Trialign TV Repair: Case and Overview

Scott D. Lim

Charlottesville, VA

9:14 a.m.

FORMA TV Repair: Case and Overview

Raj R. Makkar

Los Angeles, CA

9:20 a.m.

Case Discussion with Question and Answer

### Interventional Cardiology - Scientific

#### Session #736

#### Controversies Surrounding TAVR: 2017 and Beyond

Sunday, March 19, 2017, 8 a.m. - 9:30 a.m.

Room 207 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Neal S. Kleiman

Co-Chair: Vinod H. Thourani

Panelist: Eberhard Grube

Panelist: Amanda Kirby

Panelist: E. Murat Tuzcu

Panelist: John G. Webb

8:00 a.m.

Gender Based Difference in Outcomes: Should TAVR be Recommended as 1st Line Therapy for Women

Alaide Chieffo

Milan, Italy

8:13 a.m.

Challenges Associated with Postoperative Thrombus Following TAVR

Gregory P. Fontana

New York, NY

8:26 a.m.

Differentiating Long-term Structural Valve Deterioration in SAVR and TAVR Valves

Wilson Y. Szeto

Philadelphia, PA

8:39 a.m.

Is ESRD a Contraindication to TAVR?

Molly Szerlip

Plano, TX

8:52 a.m.

The Minimalist Approach: Unrealistic Exuberance or the New Standard of Care?

Duane S. Pinto

Boston, MA

9:05 a.m.

Management of Concomitant CAD: When to Leave Versus Tackling the Disease Preoperatively

Stephen R. Ramee

New Orleans, LA

9:18 a.m.

Panel Discussion with Question and Answer

### Interventional Cardiology - Oral Contributions

#### Session #910

#### The Best Coronary and Peripheral Interventional Challenging Cases

Sunday, March 19, 2017, 8 a.m. - 9:30 a.m.

Room 201

CME Hours: 1.5 /CNE Hours: 1.5

ACC Co-Chair: Ehrin J. Armstrong

ACC Co-Chair: Robert W. Yeh

ACC Panelist: Khaldoun Alaswad

ACC Panelist: Farouc A. Jaffer

ACC Panelist: Anand Prasad

ACC Panelist: Arnold H. Seto

ACC Panelist: Mehdi H. Shishehbor

8:00 a.m.

Percutaneous Revitalization of an Atretic Left Internal Mammary to Left Anterior Descending Coronary Artery Bypass Graft Using Sub-Intimal Tracking and Re-Entry Technique



Joseph L. Yang, Krishan Soni, Kendrick Shunk, Jeffrey Zimmet, University of California, San Francisco, San Francisco, CA, USA, San Francisco Veterans Affairs Medical Center, San Francisco, CA, USA

8:11 a.m.

Panel Discussion

8:18 a.m.

Recanalization of Total Occlusion of the Superficial Femoral Artery and Profunda Femoris Using the Transcatheter Approach

Nicolas W. Shammis, Ghassan E. Daher, Bassel Bou Dargham, Rayan Jo Rachwan, Jon Robken, Midwest Cardiovascular Research Foundation, Davenport, IA, USA

8:29 a.m.

Panel Discussion

8:36 a.m.

AngioVac Extraction of Inferior Vena Cava and Renal Vein Thrombosis  
Zakeih Chaker, Ahmed Almustafta, Fahad Alqahtani, Sami Aljohani, Mohamad Alkhoul, West Virginia University Hospital Heart and Vascular Institute, Morgantown, WV, USA

8:47 a.m.

Panel Discussion

8:54 a.m.

Recurrent Spontaneous Coronary Artery Dissection in a Patient With Fibromuscular Dysplasia

Craig Basman, Aditya Mangla, Tannaz Shoja, Jaffar Raza, Suresh Jain, Zoran Lasic, Lenox Hill Hospital, Manhattan, NY, USA, Jamaica Hospital Medical Center, Jamaica, NY, USA

9:05 a.m.

Panel Discussion

9:12 a.m.

Use of the Impella CP Catheter for Refractory Cardiogenic Shock Following Acute Aortic Dissection and Surgical Repair

Mohammed Hasoon, Debanshu Roy, Hao Pan, Chad Stasik, Anand Prasad, University of Texas Health Science Center at San Antonio, San Antonio, TX, USA

9:23 a.m.

Panel Discussion

### Interventional Cardiology - Poster Contributions Session #1282

#### Advances in Chronic Total Occlusion Intervention

Sunday, March 19, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

117 - Is Platelet Reactivity Associated With Ischemic Events Following Successful Chronic Total Occlusion Percutaneous Coronary Intervention  
Matthew Finn, Michael Cloney, Dimitrios Karpaliotis, Ajay Kirtane, Philip Green, Thomas McAndrew, Claire Litherland, Bjorn Redfors, Witzendichler Bernhard, Giora Weisz, Thomas D. Stuckey, Bruce Brodie, Michael Rinaldi, Franz-Josef Neumann, David Metzger, Timothy Henry, David Cox, Peter L. Duffy, Ernest Mazzaferri, Roxana Mehran, Gregg Stone, Columbia University Medical Center, New York, NY, USA, Cardiovascular Research Foundation, New York, NY, USA

118 - Impact of Target Vessel on Long-Term Cardiac Mortality After Successful Percutaneous Coronary Intervention for Chronic Total Occlusion: Japanese Multicenter Registry

Satoru Mitomo, Toru Naganuma, Kenichi Tsujita, Katsumasa Sato, Junei Obata, Tsuyoshi Kobayashi, Sunao Nakamura, New Tokyo Hospital, Chiba, Japan

119 - Association of Stress Test Risk Classification With Health Status Change After Chronic Total Occlusion PCI: Insights From the OPEN-CTO Registry  
Adam Christopher Salisbury, John Saxon, James Sapontis, Kensey Gosch, William Lombardi, Dimitrios Karpaliotis, Jeffrey Moses, Mohammed Qintar, Ajay Kirtane, John Spertus, David Cohen, James Grantham, Saint Luke's Mid America Heart Institute, Kansas City, MO, USA, Columbia University Medical Center, New York, NY

120 - The Impact of Recanalization of Chronic Total Occluded Coronary Artery on Electrophysiological Substrate of Left Ventricle  
Kenosuke Yamashita, Masahiko Ochiai, Yuji Oyama, Wataru Igawa, Morio Ono, Takehiko Kido, Seitarou Ebara, Toshitaka Okabe, Myong Hwa Yamamoto, Shigeo Saito, Kizaki Amemiya, Naoei Isomura, Hiroshi Araki, Showa University Northern Yokohama Hospital, Yokohama, Kanagawa, Japan

121 - Percutaneous Coronary Intervention of Coronary Chronic Total Occlusions Improves Peak Oxygen Uptake During Cardiopulmonary Exercise Testing

Shuaib Abdullah, Jeffrey Hastings, Suwetha Amsavelu, Francisco Garcia-Morales, Fury Hendrix, Aris Karatasakis, Barbara Danek, Judit Karacsonyi, Bavana Rangan, Michele Roesle, Houman Khalili, Subhash Banerjee, Emmanouil Brilakis, VA North Texas Medical Center, Dallas, TX, USA, University of Texas Southwestern Medical Center, Dallas, TX, USA

122 - The Impact of Epicardial Collateral Use on the Outcomes of Chronic Total Occlusion Percutaneous Coronary Intervention: Insights From a Contemporary Multicenter Registry

Judit Karacsonyi, Khaldoun Alaswad, Farouc Jaffer, Robert Yeh, Dimitrios Karpaliotis, Jeffrey Moses, Ajay Kirtane, Manish Parikh, Ziad Ali, David Kandzari, Nicholas Lembo, William Lombardi, R. Michael Wyman, Anthony Doing, Catalin Toma, James Choi, Mitul Patel, Ehtisham Mahmud, Barry Uretsky, Aris Karatasakis, Bavana Rangan, Imre Ungi, Craig Thompson, Subhash Banerjee, Emmanouil Brilakis, University of Texas Southwestern Medical Center and Dallas VA Medical Center, Dallas, TX, USA

123 - Hemodynamically-Supported PCI of Chronic Total Occlusions: A Case Series

Robert Francis Riley, Sanjog Kalra, Mohamad Lazkani, Ashish Pershad, Ajay Kirtane, William Lombardi, Jeffrey Moses, James McCabe, Tony J. DeMartini, Dimitrios Karpaliotis, University of Washington, Seattle, WA, USA

124 - Impact of Percutaneous Coronary Intervention for Chronic Total Occlusion Patients With Near-Normal Left Ventricular Function

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

125 - Trends and In-Hospital Outcomes of Patients Admitted With ST Elevation Myocardial Infarction and Chronic Total Occlusions: Insights From a National Database

Nirmanmoh Bhatia, Sahil Agrawal, Arash Nayeri, Divyanshu Mohananey, Pedro Villablanca, Manyoo Agarwal, Lohit Garg, Elias Haddad, Vanderbilt University Medical Center, Nashville, TN, USA

126 - Application and Outcomes of the Hybrid Approach to Chronic Total Occlusion Percutaneous Coronary Intervention: An Update From a Contemporary Multicenter U.S. Registry

Aris Karatasakis, Barbara Danek, Dimitrios Karpaliotis, Khaldoun Alaswad, Farouc Jaffer, Robert Yeh, Mitul Patel, Ehtisham Mahmud, David Kandzari, James Choi, Nicholas Lembo, Anthony Doing, Catalin Toma, Ray Wyman, William Lombardi, Barry Uretsky, Santiago Garcia, Jeffrey Moses, Ajay Kirtane, Manish Parikh, Judit Karacsonyi, Bavana Rangan, Subhash Banerjee, Emmanouil Brilakis, UT Southwestern Medical Center, Dallas, TX, USA, Minneapolis Heart Institute, Minneapolis, MN, USA





127 - Impact of Sex on Physical Limitation & Patient Health Status After Chronic Total Occlusion Percutaneous Coronary Intervention: Propensity Matched Substudy of OPEN-CTO Registry

Divya Ratan Verma, John Spertus, Robert Yeh, William Lombardi, James Sapontis, James Grantham, Ashish Pershad, Banner University Medical Center Phoenix, Phoenix, AZ, USA

128 - Performance of J-CTO and PROGRESS CTO Scores in Predicting Angiographic Success and Long-Term Clinical Outcomes of Percutaneous Coronary Interventions for Chronic Total Occlusions

Farshad Forouzandeh, Jon Suh, Eric Stahl, Suegene Lee, Yi-An Ko, Udit Joshi, Nitin Sabharwal, Rounak Gandhi, Zakaria Almuwaqqat, Sung Ahn, Bill Gogas, Gregory Robertson, Wissam Jaber, Dimitrios Karpaliotis, William Nicholson, Habib Samady, Emory University, Atlanta, GA, USA

129 - Health Status Benefits of Successful Chronic Total Occlusion PCI in Patients With Depressed Left Ventricular Systolic Function: Insights From the OPEN-CTO Registry

Sophia Airhart, Yevgeniy Khariton, William Lombardi, Kensey Gosch, James Sapontis, James Grantham, James McCabe, University of Washington, Seattle, WA, USA, Saint Luke's Hospital, Kansas City, MO, USA

130 - Effects of Successful Percutaneous Coronary Intervention of Chronic Total Occlusions on Myocardial Perfusion and Left Ventricular Function

Stefan Schumacher, Wijnand Stuijzand, Paul Biesbroek, Pieter Raijmakers, Roel Driessen, Pepijn van Diemen, Jeffrey van den Berg, Robin Nijveldt, Adriaan Lammertsma, Simon Walsh, Colm G. Hanratty, James Spratt, Albert C. van Rossum, Alexander Nap, Niels Van Royen, Paul Knaapen, VU University Medical Center, Amsterdam, The Netherlands

### Interventional Cardiology - Poster Contributions

#### Session #1283

#### Interventional Cardiology: TAVR 4

Sunday, March 19, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

131 - Incidence, Predictive and Prognostic Factors of Hospitalization for Congestive Heart Failure in Patients Implanted With Tavr Between 2010 and 2014 at Rouen University Hospital

Maxime Doutriaux, Nicolas Bettinger, Najime Bouhaz, Christophe Tron, Bastien Glinel Mortreuil, Fabrice Bauer, Eric Durand, Helene Eltchaninoff, Rouen University Hospital, Rouen, France

132 - Minimalist Approach to Cardiac Anesthesia and Outcome in Patients Undergoing Transcatheter Aortic Valve Replacement

Marcus Burns, Lynelle Schneider, Tjorvi Perry, Mario Goessl, Andrea Sweeney Claussen, Kevin Harris, Robert Farivar, Richard Bae, Ross Garberich, Paul Sorajja, Valve Science Center, Minneapolis Heart Institute Foundation, Minneapolis, MN, USA

133 - Outcome-Based Cost Analysis of Transfemoral Transcatheter Aortic Valve Replacement Using Fascia Iliaca Compartment Block and Minimalist Conscious Sedation Approach Versus General Anesthesia

Wei Lau, Francis Shannon, George S. Hanzel, Marc Sakwa, Amr E. Abbas, Robert Safian, Ivan Hanson, Steve Almany, Alessandro Vivacqua, Beaumont Health, Royal Oak, MI, USA

134 - Serum Albumin as an Incremental Predictor of Mortality in Older Adults Undergoing Transcatheter Aortic Valve Replacement: Results From the Multicenter Frailty-AVR Study

Michael Goldfarb, Sandra Lauck, John Webb, Dae Hyun Kim, Jeffrey Popma, Nicolo Piazza, Giuseppe Martucci, Marino Labinaz, Andre Lamy, Mark Peterson, Nicolas Noiseux, Andrew Rassi, Brian Lindman, Philippe Genereux, Rakesh Arora, José Morais, Anita Asgar, Louis Perrault, Jonathan Afilalo, Jewish General Hospital, Montreal, Canada

136 - Predictors of Poor Quality of Life After Transcatheter Aortic Valve Replacement

Abhishek Sawant, Rose Hansen, Shannon Baldo, Vijay Iyer, State University of New York at Buffalo, Buffalo, NY, USA

137 - Outcomes of Trans-Catheter Aortic Valve Replacement in Nonagenarians

Sahil Agrawal, Lohit Garg, Abhishek Sharma, Manyoo Agarwal, Amitoj Singh, Christopher Sarnoski, Peter Puleo, Jamshid Shirani, St. Luke's University Network, Bethlehem, PA, USA

138 - Impact of Cancer Disease on Outcome of Patients Undergoing Transcatheter Aortic Valve Replacement

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

139 - Transcatheter Aortic Valve Replacement And Malignancy

Anat Berkovitch, Victor Guetta, Israel Barbash, Noam Fink, Ehud Regev, Elad Maor, Rafael Kuperstein, Ehud Raanani, Amjad Shalabi, Micha Feinberg, Elad Asher, Amit Segev, Paul Fefer, Sheba Medical Center, Ramat Gan, Israel

140 - Depression as a Potential Therapeutic Target to Improve Quality of Life After Transcatheter Aortic Valve Replacement

Jay Patel, William Fearon, Sammy Elmariah, Juyong Kim, Samir Kapadia, Dharam Kumbhani, Linda Gillam, Brian Whisenant, Nishath Quader, Frederick Welt, Hersh Maniar, Anthony Bavry, Alan Zajarias, Robert Piana, Spencer Melby, Megan Coylewright, Anna Vatterott, Kaitlin Stassi, Eric Novak, Brian Lindman, Washington University Cardiology, Saint Louis, MO, USA

141 - Predictors of New Persistent Left Bundle Branch Block After Edwards Sapien 3 Transcatheter Aortic Valve Replacement

Mohammed Hasan Khan, Sahil Khera, Samuel Schnittman, Audrey Love, Areeb Shareef, Amole Ojo, Hasan Ahmad, Ryan Kaple, Cenap Udemir, Martin Cohen, Joanne Bennett, Tanya Dutta, Anthony Gilet, Anna Rozenshtein, Angelica Poniro, Alexis Kearns, Cheng Feng, Steven Lansman, Gilbert Tang, Westchester Medical Center, Valhalla, NY, USA

142 - Multicenter Evaluation of Prosthesis Oversizing for the SAPIEN 3 Transcatheter Heart Valve: Impact on New Pacemaker Implantations

Costanza Pellegrini, Won-Keun Kim, Andreas Holzamer, Thomas Walther, Patrick N. Mayr, Jonathan Michel, Tobias Andreas Rheude, Michael Joner, Teresa Trenkwalder, Albert M. Kasel, Adnan Kastrati, Heribert Schunkert, Michael Hilker, Helge Möllmann, Christian Hengstenberg, Oliver Husser, German Heart Center, Munich, Germany

143 - Clinical Study of the Impact of Preexisting Patient-Prosthesis Mismatch on Valve-in-Valve Performance

Anne-Sophie Zenses, Abdellaziz Dahou, Josep Rodes-Cabau, Marie-Annick Clavel, Robert De Larochellière, Jean-Michel Paradis, Daniel Doyle, Siamak Mohammadi, Eric Dumont, Chekrallah Chamandi, Tania Rodriguez-Gabella, Erwan Salaun, Régis Rieu, Philippe Pibarot, Quebec Heart and Lung Institute, Québec, Canada, Institute of Movement Sciences, Marseille, France

144 - Transcatheter Aortic Valve Implantation in Patients With an Extremely Small Annulus

Fumiaki Yashima, Masanori Yamamoto, Makoto Tanaka, Ryo Yanagisawa, Takahide Arai, Keiichi Fukuda, Yusuke Watanabe, Toru Naganuma, Shinichi Shirai, Motoharu Araki, Norio Tada, Futoshi Yamanaka, Kentaro Hayashida, Keio University School of Medicine, Tokyo, Japan

145 - Predictors of Mortality After TAVR in a "Real World" Setting

Alice Wang, Hanghang Wang, Ehsan Benrashid, David Ranney, Babatunde Yerokun, Matthew W. Sherwood, Jeffrey Gaca, Todd Kiefer, Andrew Wang, John Harrison, G. Chad Hughes, Duke University Medical Center, Durham, NC, USA



146 - Rapid Ventricular Pacing During TAVR Is Associated With Poor Short- and Long-Term Outcome

Paul Fefer, Scott Kohen, Andrada Bogdan, Victor Guetta, Elad Asher, Elad Maor, Dan Elian, Ehud Regev, Noam Fink, Amit Segev, Israel M. Barbash, Sheba Medical Center, Ramat Gan, Israel

148 - Impact of Renin-Angiotensin System Blockade Therapy After Transcatheter Aortic Valve Implantation for Severe Aortic Stenosis: Insights From the OCEAN-TAVI Multicenter Registry

Tomoki Ochiai, Shigeru Saito, Futoshi Yamanaka, Koki Shishido, Yutaka Tanaka, Shinichi Shirai, Norio Tada, Motoharu Araki, Toru Naganuma, Yusuke Watanabe, Masanori Yamamoto, Kentaro Hayashida, Shonankamakura General Hospital, Kamakura, Japan

### Interventional Cardiology - Poster Contributions

#### Session #1284

#### Optimizing the Care of ACS Patients

Sunday, March 19, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

149 - Cangrelor Versus Clopidogrel on a Background of Unfractionated Heparin: Insights From CHAMPION PHOENIX

Muthiah Vaduganathan, Robert Harrington, Gregg Stone, Philippe Steg, C. Michael Gibson, Christian Hamm, Matthew Price, Efthymios Nikolao, Deliaris, Jayne Prats, Kenneth Mahaffey, Harvey White, Deepak Bhatt, Brigham and Women's Hospital Heart & Vascular Center and Harvard Medical School, Boston, MA, USA, Stanford University Medical School, Stanford, CA, USA

150 - Safety of Heparin Compared With Bivalirudin in Patients Undergoing Transradial Percutaneous Coronary Intervention

John A. Bittl, Rod Stables, Munroe Regional Medical Center, Ocala, FL, USA, Liverpool Heart and Chest Hospital, Liverpool, United Kingdom

151 - Weekend Versus Weekday Presentation for ST-Segment Elevation Myocardial Infarction: Findings From a United States Nationwide Analysis

Pedro Arturo Villablanca, Tanush Gupta, Sahil Agrawal, Sahil Khera, Dhaval Kolte, David Briceno, Mark Menegus, Robert Pyo, Jose Wiley, Anna Bortnick, David Slovut, Ernest Monrad, Gregg Fonarow, Deepak Bhatt, Mario Garcia, Montefiore Medical Center, Bronx, NY, USA

152 - Contemporary Patterns of GP IIb/IIIa Inhibitor Use in Patients With Acute Myocardial Infarction Undergoing PCI: Insights From the TRANSLATE ACS Study

Homam Ibrahim, Lisa McCoy, Connie Hess, Mohammed Akhter, Mark B. Effron, Gregg Stone, Tracy Wang, Duke University, Durham, NC, USA

153 - Prevalence and Clinical Impact of Thrombocytopenia in Patients With Acute Coronary Syndromes: A Systematic Review and Meta-Analysis

Vanessa Discepolo, Mireille Schnitzer, E. Marc Jolicoeur, Guy Rousseau, Marie Lordkipanidzé, Montreal Heart Institute, Montreal, Canada

154 - Impact of Preprocedural Thrombocytopenia on Safety of Performing Percutaneous Coronary Intervention in Cancer Patients

Dana Giza, Juan Lopez-Mattei, Jean-Bernard Durand, Ezequiel D. Muñoz Gonzalez, Syed Yusuf, Elie Mouhayar, Kostas Marmagiolis, Cezar Iliescu, The University of Texas MD Anderson Cancer Center, Houston, TX, USA

155 - Unfractionated Heparin Is Superior to Bivalirudin in Transradial Patients With Acute Coronary Syndrome

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

156 - Underutilization of High Intensity Statins in a Contemporary High Risk PCI Population

Michela Faggioni, Usman Baber, Sonny Sayseng, Samantha Sartori, George Dangas, Choudhury Hasan, Annapoorna Kini, Jaya Chandrasekhar, Sabato

Sorrentino, Birgit Vogel, Jason Kovacic, Nitin Barman, Pooja Vijay, Srushti Shah, Joseph Sweeny, Clayton Snyder, Serdar Farhan, Pedro Moreno, Srinivas Kesanakurthy, Vishal Kapur, Roxana Mehran, Samin Sharma, Mount Sinai Medical Center, New York, NY, USA

157 - Novel Utilization of DAPT Score as a Predictor of Long-Term Clinical Outcomes in Hemodialysis Patients on Prolonged Dual Antiplatelet Therapy After Coronary Intervention

Tanaka Kazuki, Kentaro Jujo, Hisao Otsuki, Kensuke Shimazaki, Masashi Nakao, Hiroyuki Arashi, Junichi Yamaguchi, Nobuhisa Hagiwara, Tokyo Women's Medical University, Tokyo, Japan

### Interventional Cardiology - Poster Contributions

#### Session #1285

#### Interventional Complexity and Complications

Sunday, March 19, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

160 - Non-Femoral Access Is Associated With 30-Day Mortality in Frail Patients Undergoing Transcatheter Aortic Valve Replacement

Laura Drudi, Matthew Ades, Rita Mancini, Melissa Bendayan, Amanda Trnkus, Jonathan Afilalo, McGill University, Montreal, Canada

161 - Use of the RenalGuard System to Prevent Contrast Induced Kidney Injury: A Meta-Analysis

Stephanie Mattathil, Saad Sultan Ghumman, Jonathan Weinerman, Anand Prasad, University of Texas Health Science Center, San Antonio, TX, USA

166 - The Effect of Body Mass Index on Procedural Efficacy in Transfemoral Versus Transradial Coronary Angiography

Amornpol Anuwatworn, Alexander Pham, Shenjing Li, Jimmy Yee, Vishesh Kumar, James Higgins, Terezia Petraskova, Julia Stys, Paul Thompson, Adam Stys, Tomasz Stys, Sanford USD Medical Center, Sanford Cardiovascular Institute, Sioux Falls, SD, USA

162 - Initial Experience of 265 Cases of Trans Ulnar Access Angioplasty: Interim Analysis of a Single Centre Observational Study From AJULAST (AJmer Ulnar Angioplasty Study) Cohort

Rajendra Kumar Gokhroo, Shashi Kant Pandey, Ramsagar Roy, Avinash Anantharaj, Kailash Garhwal, Department of Cardiology, J. L. N. Medical College, Ajmer, India

159 - Temporal Trend of Incidence of Stent Thrombosis and In-Hospital Mortality: Results From a National Real-World Registry

Gaurav Patel, Maitri Pancholy, Sukrut Nanavaty, Neha Pancholy, Aman Patel, Anvit Rai, Mark Sandhaus, Tejas Patel, John Coppola, Tak Kwan, Samir Pancholy, The Wright Center for Graduate Medical Education, Scranton, PA, USA

163 - Timing Matters - Hydration Strategies to Reduce Contrast Induced Nephropathy After Peripheral Vascular Interventions: Observations From the Blue Cross Blue Shield Cardiovascular Consortium (BMC2)

Thejasvi Thiruvoipati, Fredy Hany El Sakr, Scott Grey, Hitinder Gurm, Paul Grossman, University of Michigan, Ann Arbor, MI, USA

164 - Factors Influencing Physician Selection of Radial Versus Femoral Approach in Non-Emergent Cases of CATH and PCI Procedures

Vishesh Kumar, Jimmy Yee, Jimmy Higgins, Julia Stys, Paul Thompson, Adam Stys, Tomasz Stys, University of South Dakota, Sanford School of Medicine, Sioux Falls, SD, USA

167 - Comparison of CIN Risk Prediction Models: A Prospective Cohort Study

Dimitrios Tziakas, George Chalikias, Levent Serif, Adina Thomaidis, Petros Kikas, Ioannis Drosos, Stavros Konstantinides, Cardiology Department, Medical School, Democritus University of Thrace, Alexandroupolis, Greece



165 - Patient Characteristics as Predictors of Transradial Approach Failure During Coronary Angiography Procedures

Amornpol Anuwatworn, Alexander Pham, Jimmy Yee, Shenjing Li, Vishesh Kumar, James Higgins, Terezia Petraskova, Julia Stys, Paul Thompson, Adam Stys, Tomasz Stys, Sanford USD Medical Center, Sanford Cardiovascular Institute, Sioux Falls, SD, USA

168 - Percutaneous Femoral Artery Access Strategies in Patients Undergoing Peripheral Vascular Intervention: Trends of Use and In-Hospital Outcomes

Daniel Ortiz, Tonga Nfor, Suhail Allaqaband, Tanvir Bajwa, Mark W. Mewissen, Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

184 - Prediction of Acute Kidney Injury in Patients Undergoing Coronary Intervention Using Calculation of Serum Osmolality

Serdar Farhan, Madhav Sharma, Shrema Parikh, Birgit Vogel, Usman Baber, Samantha Sartori, Michela Faggioni, Jaya Chandrasekhar, Sabato Sorrentino, Choudhury Hasan, Nitin Barman, Pooja Vijay, Srushti Shah, Jason Kovacic, Pedro Moreno, Gennaro Giustino, George Dargas, Roxana Mehran, Annapoorna Kini, Samin Sharma, Interventional Cardiovascular Research and Clinical Trials, Icahn School of Medicine at Mount Sinai, New York, NY, USA

158 - Can Non-Procedural Patient Characteristics Predict In-Hospital Complications Following Elective Percutaneous Coronary Intervention? Implications for Same-Day Discharge

Gaurav Patel, Anvit Rai, Maitri Pancholy, Sukrut Nanavaty, Mark Sandhaus, Aman Patel, Tejas Patel, Hemant Tiwari, John Coppola, Tak Kwan, Samir Pancholy, The Wright Center for Graduate Medical Education, Scranton, PA, USA

169 - Evaluation of a New Radiation Protection Technology (Cardio-TRAP®) in Transradial Percutaneous Coronary Intervention Procedures

Parth Parikh, Apurva Patel, Parloop Bhatt, Milan Chag, Roosha Parikh, Anish Chandarana, Hemang Baxi, Satya Gupta, Vipul Kapoor, Vineet Sankhla, Keyur Parikh, Care Institute Medical Sciences, Ahmedabad, India, Cleveland Clinic Foundation, Cleveland, OH, USA

170 - Impact of Institutional and Operator Volume on Short-Term Outcomes of Percutaneous Coronary Intervention: A Report From Japanese Nationwide Registry

Taku Inohara, Shun Kohsaka, Kyohei Yamaji, Tetsuya Amano, Kenshi Fujii, Hirotaka Oda, Shiro Uemura, Kazushige Kadota, Hiroaki Miyata, Masato Nakamura, Japanese Association of Cardiovascular Intervention and Therapeutics, Tokyo, Japan

171 - Gender Differences in Post Percutaneous Coronary Intervention Complications Following Acute Myocardial Infarction in the United States Katherine Yu, Ashwini Erande, Megha Agarwal, Melvie Kim, Pranav Patel, Alpesh Amin, Shaista Malik, University of California, Irvine, Orange, CA, USA

174 - Does Presence of Atrial Fibrillation Affect In-Hospital Mortality in Patients Undergoing Percutaneous Coronary Intervention? Results From a Real-World Registry

Gaurav Patel, Maitri Pancholy, Sukrut Nanavaty, Neha Pancholy, Aman Patel, Anvit Rai, John Coppola, Tak Kwan, Tejas Patel, Samir Pancholy, The Wright Center for Graduate Medical Education, Scranton, PA, USA

175 - Does Gender Affect In-Hospital Mortality in Patients Presenting With Stent Thrombosis? Results From a National Real-World Registry

Gaurav Patel, Maitri Pancholy, Neha Pancholy, Sukrut Nanavaty, Hemant Tiwari, Aman Patel, Tejas Patel, John Coppola, Tak Kwan, Samir Pancholy, The Wright Center for Graduate Medical Education, Scranton, PA, USA

172 - New Definition of Ci-Aki: Combined Serum Creatinine and Cystatin C Tuo Zhang, Weifeng Zhang, Linghong Shen, Ben He, Department of Cardiology, Renji Hospital, Shanghai, People's Republic of China

173 - Characteristics and Outcomes of Patients With Clinically Silent Peri-Procedural Hemoglobin Drops as Compared to Patients With Overt Bleeding Following Percutaneous Coronary Intervention

Ahmed Farawi, Paula D. Strassle, Rahul Jaswaney, Christopher End, George Stouffer, Prashant Kaul, John Vavalle, University of North Carolina at Chapel Hill, Chapel Hill, NC, USA

183 - Variability in Transfemoral Access for Coronary Angiography and Interventions: Results From an International Survey

Daniel Nelson, Abdulla Damluji, Mauro Moschetti, Sunil Rao, Marco Valgimigli, Stephan Windecker, Robert Byrne, Fernando Cohen, Tejas Patel, Emmanouil Brilakis, Subhash Banerjee, Warren Cantor, Carlos Alfonso, Mauricio Cohen, University of Miami Miller School of Medicine, Miami, FL, USA

### Interventional Cardiology - Poster Contributions

#### Session #1286

#### Coronary Intervention in Interventional Cardiology: Core Concepts Sunday, March 19, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

176 - Incidence and Clinical Impact of Longitudinal Stent Deformation After the PROMUS Element Platinum Chromium-Everolimus Eluting Stent Implantation

Takashi Hiromasa, Shoichi Kuramitsu, Takenori Domei, Makoto Hyodo, Yoshimitsu Soga, Shinichi Shirai, Kenji Ando, Kokura Memorial Hospital, Kitakyushu, Japan

177 - A Randomized Comparison of Frequency of Radial Artery Occlusion and Symptomatic Radial Artery Spasm Associated With Transradial Coronary Intervention Using 6.5-Fr Sheathless Guide Catheter™ Versus 6.0-Fr Glidesheath Slender™

Kazunori Horie, Norio Tada, Tsuyoshi Isawa, Takashi Matsumoto, Taku Honda, Tatsushi Otomo, Naoto Inoue, Sendai Kousei Hospital, Miyagi, Japan

178 - Comparison of Radial Artery Occlusion After Transradial Coronary Intervention Using a New Dedicated Radial Sheath Versus a Sheathless Guiding Catheter

Tsuyoshi Isawa, Kazunori Horie, Sendai Kousei Hospital, Sendai, Japan

179 - Incidence and Predictors of Target Lesion Failure in a Multi-Ethnic Asian Population Receiving the SYNERGY Coronary Stent: A Prospective All-Comers Registry

Joshua Ping Yun Loh, Rajiv Ananthakrishna, William Kristanto, Liu Li, Siew Pang Chan, Poay Huan Loh, Edgar Tay, Mark Chan, Koo Chan, Ronald C. H. Lee, Adrian Low, Huay-Cheem Tan, National University Heart Centre, Singapore, Singapore

180 - Combined Drug-Eluting Balloon and Brachytherapy to Treat In-Stent Restenosis: Early Safety and Efficacy

Creighton W. Don, William Lombardi, Edward Kim, Jing Zeng, University of Washington, Seattle, WA, USA

181 - Superiority of Everolimus-Eluting Stents Over Sirolimus-Eluting Stents in Long-Term Safety and Efficacy

Hirofumi Sugiyama, Koichiro Murata, Ryuzo Nawada, Tomoya Onodera, Shizuoka City Shizuoka Hospital, Shizuoka, Japan

182 - White Blood Cell Count to Platelet Ratio: A Novel Biomarker of Outcomes in Patients With Circulatory Support on Left Ventricular Impella Assist Devices

Parasuram Krishnamoorthy, Mario Naranjo, Nikoloz Koshkelashvili, Akshaya Gopalakrishnan, Alexandra Tuluca, Janani Rangaswami, Vincent Figueredo, Mark Anderson, Dennis Morris, Albert Einstein Medical Center, Philadelphia, PA, USA, Emory University, Atlanta, GA, USA



### Interventional Cardiology - Poster Contributions

#### Session #1287

#### Interventional Cardiology: PCI in Complex Patients

Sunday, March 19, 2017, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

185 - Risk and Impact of Diabetes Mellitus on Ischemic Events in Females and Males After Percutaneous Coronary Intervention

Serdar Farhan, Usman Baber, Jaya Chandrasekhar, Michela Faggioni, Pooja Vijay, Srushti Shah, Melissa Aquino, Samantha Sartori, Shreema Parikh, Sabato Sorrentino, Jason Kovacic, Srinivas Kesankurthy, Javed Suleman, Prakash Krishnan, Pedro Moreno, Birgit Vogel, Gennaro Giustino, George Dangas, Roxana Mehran, Annapoorna Kini, Samin Sharma, Interventional Cardiovascular Research and Clinical Trials, Icahn School of Medicine at Mount Sinai, New York, NY, USA

186 - Prognostic Value of Blood Pressure Modeling in Women: Receiving PCI/CABG Results From the NHLBI-WISE Trial

Robert W. W. Biederman, C. Noel Bairey Merz, Gerald Pohost, Leslee Shaw, Sheryl Kelsey, William Rogers, Geetha Rayarao, Barry Sharaf, Carl Pepine, Mark Doyle, Allegheny General Hospital, Pittsburgh, PA, USA

187 - Outcomes After Invasive Management of Inpatient Onset of Non ST-Elevation Myocardial Infarction

Akinniran Abisogun, Anthony Mazzella, Melissa Caughey, Xuming Dai, University of North Carolina at Chapel Hill, Chapel Hill, NC, USA

188 - Chronic Stent Recoil During Follow-Up in Severely Calcified Coronary Artery Lesions: An Optical Coherence Tomography Study

Kisaki Amemiya, Akiko Maehara, Myong Hwa Yamamoto, Yuji Oyama, Wataru Igawa Igawa, Morio Ono, Kido Takehiko, Seitarou Ebara, Toshitaka Okabe, Kenosuke Yamashita, Shigeo Saito, Koichi Hoshimoto, Tadayuki Yakushiji, Naoei Isomura, Hiroshi Araki, Gary Mintz, Masahiko Ochiai, Showa University, Northern Yokohama Hospital, Yokohama, Japan, Cardiovascular Research Foundation, New York, NY, USA

189 - Predictors for 2-Year Cardiovascular Events After Rotablation in Severe Calcified Lesion

Hisao Otsuki, Kentaro Jujo, Kazuki Tanaka, Hiroyuki Arashi, Masashi Nakao, Junichi Yamaguchi, Nobuhisa Hagiwara, Tokyo Women's Medical University, Tokyo, Japan

190 - Long-Term Mortality in Percutaneous Coronary Intervention of Saphenous Vein Grafts From Real-World Registry Data

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

191 - Incidence of Acute Kidney Injury With Bivalirudin or Unfractionated Heparin Following Transcatheter Aortic Valve Replacement: Results From the Bravo-3 Randomized Trial

Jaya Chandrasekhar, Roxana Mehran, Christian Hengstenberg, Birgit Vogel, Anita Asgar, Jurrien Ten Berg, Ghada Mikhail, Nicolas Meneveau, Julian Widder, Roberto Violini, David Hildick-Smith, Peter Boekstegers, Van Belle Eric, Oliver Husser, Hans Ulrich Hink, Peter Wijngaard, Eberhard Grube, Usman Baber, Efthymios Deliargyris, Prodromos Anthopoulos, George Dangas, Icahn School of Medicine at Mount Sinai, New York, NY, USA

192 - Clinical Presentation, Natural History and Management of Coronary Artery Ectasia

Prasad C. Gunasekaran, Reza Masoomi, Dusan Stanojevic, Taylor Drees, John Fritzen, Megan Haghnegahdar, Matthew McCullough, Ashwani Mehta, Matthew Earnest, Mark Wiley, Eric Hockstad, Peter Tadros, Kamal Gupta, University of Kansas, Kansas City, KS, USA

193 - Clinical Outcomes of Patients With Human Immune Deficiency Virus After Coronary Revascularization: A Systematic Review and Meta-Analysis

Xiaoming Jia, David Wong, Ihab Hamzeh, Salim Virani, Nasser Lakkis, Mahboob Alam, Baylor College of Medicine, Houston, TX, USA

194 - Impact of Comorbid Coronary Artery Disease and Severe Peripheral Artery Disease on Major Adverse Cardiovascular Events

Windsor Ting, Qi Zhao, Lloyd Haskell, Fedor Lurie, Jeffrey Berger, Zubin Eapen, Matthew Valko, Veronica Alas, Kelly Rich, Concetta Crivera, Jeff Schein, Janssen Scientific Affairs, LLC, Raritan, NJ, USA, GNS Healthcare, Cambridge, MA, USA

195 - Procedural Calcium Fracture and Its Effect on Stent Expansion Assessed by Optical Coherence Tomography

Akiko Fujino, Gary Mintz, Kohei Koyama, Mitsuki Matsumura, Myong Hwa Yamamoto, Dragos Alexandru, Joan Jennings, Patricia Krug, Lyn Santiago, Meghan Murray, Linda Bongiovanni, Fernando Sosa, Elizabeth Haag, Richard Shlofmitz, Akiko Maehara, Cardiovascular Research Foundation, New York, NY, USA, St. Francis Hospital, Roslyn, NY, USA

196 - Three-Year Clinical Outcomes of the XIENCE/PROMUS Cobalt-Chromium Everolimus-Eluting Stent in Patients Treated With In-Stent Restenosis

Takashi Hiromasa, Shoichi Kuramitsu, Takashi Morinaga, Yohei Kobayashi, Hiroyuki Jinnouchi, Takenori Domei, Makoto Hyodo, Yoshimitsu Soga, Shinichi Shirai, Kenji Ando, Kokura Memorial Hospital, Kitakyushu, Japan

### Interventional Cardiology - Moderated Poster Contributions

#### Session #1306M

#### Peripheral Arterial Disease, Risk, and Outcomes

Sunday, March 19, 2017, 9:45 a.m. - 10:30 a.m.

Interventional Cardiology Moderated Poster Theater, Poster Hall, Hall C

CME Hours: 0.75 /CNE Hours: 0.75

ACC Poster Moderator: James T. DeVries

ACC Poster Moderator: John P. Reilly

9:45 a.m.

Impact of Clinical Frailty for Patients With Critical Limb Ischemia

Yasuaki Takeji, Yoshimitsu Soga, Kenji Ando, Kokura Memorial Hospital, Kitakyushu, Japan

9:55 a.m.

Question and Answer

10:00 a.m.

Transradial Versus Transpedal Access Approach for Endovascular

Intervention of Superficial Femoral Artery Chronic Total Occlusion

Apurva Patel, Roosha Parikh, Robert Bellavics, John Coppola, Joseph Puma, Olivier Bertrand, Zoltán Ruzsa, Tak Kwan, Mount Sinai Beth Israel, New York, NY, USA, Semmelweis University, Budapest, Hungary

10:10 a.m.

Question and Answer

10:15 a.m.

Peripheral Artery Disease and Transcatheter Aortic Valve Replacement Outcomes: A Report From the STS/TVT Registry

Alexander C. Fanaroff, Pratik Manandhar, David Holmes, David Cohen, J. Kevin Harrison, G. Chad Hughes, Vinod Thourani, Michael Mack, William Jones, Sreekanth Vemulapalli, Duke Clinical Research Institute, Durham, NC, USA

10:25 a.m.

Question and Answer





### Interventional Cardiology - Boot Camp

#### Session #303

#### Fellows Bootcamp: Interventional Basics

Sunday, March 19, 2017, 10:45 a.m. - 12:15 p.m.

Room 206

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Mauricio G. Cohen

Co-Chair: Douglas E. Drachman

10:45 a.m.

Access: Small and Large Bore, U/S

Arnold H. Seto

10:55 a.m.

Question and Answer

11:00 a.m.

Transradial Intervention

Samir B. Pancholy

Clarks Summit, PA

11:10 a.m.

Question and Answer

11:15 a.m.

Interventional Pharmacology

Craig Beavers

Nashville, TN

11:25 a.m.

Question and Answer

11:30 a.m.

FFR/IVUS/OCT

Allen Jeremias

Huntington, NY

11:40 a.m.

Question and Answer

11:45 a.m.

Basics of Stent Design

Steven R. Bailey

San Antonio, TX

11:55 a.m.

Question and Answer

12:00 p.m.

Quality and Reporting for Fellows

J. Dawn Abbott

Providence, RI

12:10 p.m.

Question and Answer

### Interventional Cardiology - Scientific

#### Session #748

#### Clinical Assessment and Revascularization for Critical Limb Ischemia

Sunday, March 19, 2017, 10:45 a.m. - 12:15 p.m.

Room 201

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Joshua A. Beckman

Co-Chair: Sahil A. Parikh

10:45 a.m.

ACC Talk: Collaboration Among Specialists to Optimize Care of CLI Patients

Alan T. Hirsch

11:00 a.m.

Rest Pain and Vascular Wounds: Methods to Evaluate Limb Perfusion

Aaron W. Aday

Boston, MA

11:10 a.m.

Endovascular Revascularization for CLI Current and Future Therapies

Subhash Banerjee

Dallas, TX

11:20 a.m.

Surgical Therapies for CLI

Matthew T. Menard

Boston, MA

11:30 a.m.

Question and Answer

11:45 a.m.

Case Presentation: Enrolled in BEST CLI

Sahil A. Parikh

Cleveland, OH

11:50 a.m.

Case Discussion: Enrolled in BEST CLI

Larry J. Diaz

Grand Rapids, MI

12:00 p.m.

Question and Answer

### Interventional Cardiology - Scientific

#### Session #749

#### The Evolution of Angioplasty -- 40 Years of Innovation: Joint Symposium of TCT and the American College of Cardiology

Sunday, March 19, 2017, 10:45 a.m. - 12:15 p.m.

Room 202 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Martin B. Leon

Co-Chair: Gregg W. Stone

Panelist: Peter J. Fitzgerald

Panelist: Kenneth Rosenfield

Panelist: Spencer B. King

Panelist: Renu Virmani

Panelist: Stephan Windecker

Panelist: John G. Webb

10:45 a.m.

The Physician as Inventor

Richard Stack

Chapel Hill, NC

10:45 a.m.

The Physician as Inventor

Eberhard Grube

Siegburg, Germany

10:51 a.m.

Panel Discussion with Question and Answer

10:57 a.m.

The Evolution of Evidence-based Medicine and FDA Interaction

Robert A. Harrington

Stanford, CA

10:57 a.m.

The Evolution of Evidence-based Medicine and FDA Interaction

Andrew Farb

Silver Spring, MD





11:03 a.m.

Panel Discussion with Question and Answer

11:09 a.m.

The Evolution of PCI

Patrick W. Serruys

Rotterdam, Netherlands

11:09 a.m.

The Evolution of PCI

Gregg W. Stone

New York, NY

11:15 a.m.

Panel Discussion with Question and Answer

11:21 a.m.

The Evolution of ACS/STEMI Care and Adjunct Pharmacotherapy

William W. O'Neill

Detroit, MI

11:21 a.m.

The Evolution of ACS/STEMI Care and Adjunct Pharmacotherapy

Deepak L. Bhatt

Newton, MA

11:27 a.m.

Panel Discussion with Question and Answer

11:33 a.m.

The Evolution of Imaging and Physiologic Assessment

William Fuller Fearon

Stanford, CA

11:33 a.m.

The Evolution of Imaging and Physiologic Assessment

Gary S. Mintz

Washington, DC

11:39 a.m.

Panel Discussion with Question and Answer

11:45 a.m.

The Evolution of Structural Heart Disease Management

Martin B. Leon

New York, NY

11:45 a.m.

The Evolution of Structural Heart Disease Management

Ted Feldman

Evanston, IL

11:51 a.m.

Panel Discussion with Question and Answer

11:57 a.m.

The Evolution of Peripheral Vascular Intervention

Gary S. Roubin

New York, NY

11:57 a.m.

The Evolution of Peripheral Vascular Intervention

Christopher J. White

New Orleans, LA

12:03 p.m.

Panel Discussion with Question and Answer

12:09 p.m.

Final Thoughts

Martin B. Leon

New York, NY

12:09 p.m.

Final Thoughts

Gregg W. Stone

New York, NY

### Interventional Cardiology - Scientific

#### Session #750

#### Moderated, Case-Based TAVR Management

Sunday, March 19, 2017, 10:45 a.m. - 12:15 p.m.

Room 207 A

CME Hours: 1.5 / CNE Hours: 1.5

Co-Chair: Duane S. Pinto

Co-Chair: Michael Reardon

Panelist: Patricia Keegan

Panelist: Brijeshwar Singh Maini

Panelist: Christopher Meduri

Panelist: Mathew Williams

10:45 a.m.

Case Presentation: TAVR in Patient with Prior Mitral Prosthesis

Ambarish Gopal

Plano, TX

10:50 a.m.

Case Discussion with Question and Answer

11:00 a.m.

Case Presentation: TAVR in Mitral Annular Calcification

Robert Smith

Plano, TX

11:05 a.m.

Case Discussion with Question and Answer

11:15 a.m.

Case Presentation: Transcaval TAVR

Adam B. Greenbaum

Detroit, MI

11:20 a.m.

Case Discussion with Question and Answer

11:30 a.m.

Case Presentation: Use of the Mitraclip Concomitant with TAVR

Tamim Nazif

New Rochelle, NY

11:35 a.m.

Case Discussion with Question and Answer

11:45 a.m.

Case Presentation: TAVR in MAC, Reducing the Risk of LVOT Obstruction

Christopher Meduri

Atlanta, GA

11:50 a.m.

Case Discussion with Question and Answer

12:00 p.m.

Case Presentation: TAVR in Those with a Prominent Left Ventricular Septum

Vasilis Babaliaros

Atlanta, GA

12:05 p.m.

Case Discussion with Question and Answer



### Interventional Cardiology - Boot Camp

#### Session #304

#### Fellows Bootcamp: Peripheral Vascular Disease and Structural Heart Disease Management

Sunday, March 19, 2017, 12:30 p.m. - 1:45 p.m.

Room 206

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Mauricio G. Cohen

Co-Chair: Sahil A. Parikh

12:30 p.m.

Iliac and SFA

Sahil A. Parikh

12:39 p.m.

Question and Answer

12:42 p.m.

Infrapopliteal and CLI

Ehrin J. Armstrong

Denver, CO

12:51 p.m.

Question and Answer

12:54 p.m.

Renal, Carotid, Subclavian

Herbert D. Aronow

Providence, RI

1:04 p.m.

Question and Answer

1:07 p.m.

Pfo/asd/vsd

Barry A. Love

New York, NY

1:16 p.m.

Question and Answer

1:20 p.m.

TAVR

Robert J. Applegate

Winston-Salem, NC

1:29 p.m.

Question and Answer

1:33 p.m.

Mitral Therapies

Andrew Wang

Durham, NC

1:42 p.m.

Question and Answer

### Interventional Cardiology - Scientific

#### Session #759

#### Maintenance of Clinical Competencies in Invasive Coronary Imaging and Coronary Physiology

Sunday, March 19, 2017, 12:30 p.m. - 1:45 p.m.

Room 201

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Syed Tanveer Rab

Co-Chair: Gautam Kumar

12:30 p.m.

FFR and Coronary Physiology

Michael J. Lim

12:39 p.m.

IFR

Justin E. Davies

London, United Kingdom

12:48 p.m.

OCT Imaging: Tips, Tricks and Pitfalls

Mladen I. Vidovich

Chicago, IL

12:55 p.m.

OCT Imaging: Principles

Marc D. Feldman

San Antonio, TX

1:02 p.m.

IVUS Imaging: Tips, Tricks and Pitfalls

Michael C. McDaniel

Atlanta, GA

1:09 p.m.

Application of Coronary Physiology and Imaging in the Cath Lab

Habib Samady

Atlanta, GA

1:18 p.m.

Pitfalls in FFR Interpretation

Gautam Kumar

Decatur, GA

1:25 p.m.

Case Presentation: FFR

Morton J. Kern

Orange, CA

1:30 p.m.

Case Presentation: OCT

Mladen I. Vidovich

Chicago, IL

1:35 p.m.

Case Presentation: IVUS

Ramesh Babu Daggubati

Greenville, NC

1:40 p.m.

Question and Answer

### Interventional Cardiology - Scientific

#### Session #760

#### Timing and Duration of DAPT: Controversy and Consensus

Sunday, March 19, 2017, 12:30 p.m. - 1:45 p.m.

Room 202 B

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Dominick J. Angiolillo

Co-Chair: Michelle L. O'Donoghue

Panelist: Glenn N. Levine

Panelist: Roxana Mehran

Panelist: Michelle L. O'Donoghue

12:30 p.m.

The Evolution of DAPT Duration

Glenn N. Levine

Pearland, TX

12:45 p.m.

Question and Answer



12:50 p.m.  
Shorter Is Better  
Roxana Mehran  
New York, NY

1:05 p.m.  
Question and Answer

1:10 p.m.  
Lifelong DAPT for All  
Michelle L. O'Donoghue  
Boston, MA

1:25 p.m.  
Question and Answer

1:30 p.m.  
Panel Discussion

### Interventional Cardiology - Scientific Session #761

**PFO Closure, PV Leak, and VSD Repair**  
Sunday, March 19, 2017, 12:30 p.m. - 1:45 p.m.  
Room 207 A  
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: John D. Carroll  
Co-Chair: Ted Feldman  
Panelist: Sameer A. Gafoor  
Panelist: Charanjit S. Rihal  
Panelist: Paul Sorajja

12:30 p.m.  
Current State of the Data for PFO Closure After Cryptogenic Stroke  
John D. Carroll  
Aurora, CO

12:35 p.m.  
Technical Considerations for PFO Closure: Available Devices and Size Selection  
Ted Feldman  
Evanston, IL

12:42 p.m.  
Debate: PFO Closure Has a Clear Benefit and Indication  
David Thaler  
Boston, MA

12:47 p.m.  
Debate: PFO Closure Should Be the Exception, Rather Than the Rule  
Shunichi Homma  
New York, NY

12:52 p.m.  
Panel Discussion with Question and Answer

1:00 p.m.  
Case Presentation: Aortic PV Leak After Self-expanding TAVR  
Steven J. Yakubov  
Columbus, OH

1:05 p.m.  
Treatment of Aortic PV Leak for TAVR and SAVR  
Paul Sorajja  
Minneapolis, MN

1:12 p.m.  
Case Presentation: Mitral PV Leak  
Saibal Kar  
Los Angeles, CA

1:17 p.m.  
Treatment of Mitral PV Leak: Basic Approaches and Outcomes  
Charanjit S. Rihal  
Rochester, MN

1:24 p.m.  
Case Presentation: Transcatheter Closure of Iatrogenic VSD Post-TAVR  
Howard C. Herrmann  
Philadelphia, PA

1:29 p.m.  
Post-TAVR Ventricular Septal Defect: A New Clinical Entity?  
Dinesh H. Jagasia  
Philadelphia, PA

1:36 p.m.  
Panel Discussion with Question and Answer

### Interventional Cardiology - Moderated Poster Contributions Session #1316M

**Frontiers in Mitral Valve Disease and Treatment**  
Sunday, March 19, 2017, 12:30 p.m. - 1:45 p.m.  
Interventional Cardiology Moderated Poster Theater, Poster Hall,  
Hall C  
CME Hours: 1.25 /CNE Hours: 1.25

ACC Poster Moderator: Daniel Howard Steinberg  
ACC Poster Moderator: John Paul Vavalle

12:30 p.m.  
Significant Mitral Regurgitation in Patients Undergoing Transcatheter Aortic Valve Replacement: Evolution and Imaging Predictors of Improvement  
Olivier Chiche, Josep Rodés-Cabau, Campelo-Parada Francisco, Ander Regueiro, Barria Alberto, Rodriguez-Gabella Tania, Robert DeLarochellière, Jean-Michel Paradis, Eric Dumont, Daniel Doyle, Siamak Mohammadi, Sebastien Bergeron, Philippe Pibarot, Jonathan Beaudoin, Quebec Heart and Lung Institute, Quebec, Canada

12:40 p.m.  
Question and Answer

12:45 p.m.  
Transcatheter Treatment of Severe Tricuspid Regurgitation Using the MitraClip System in Patients With and Without Pacemaker Leads  
Daniel Braun, Michael Nábauer, Mathias Orban, Steffen Massberg, Joerg Hausleiter, Klinikum der Universität München, Munich, Germany

12:55 p.m.  
Question and Answer

1:00 p.m.  
Multicenter Trial of a Transfemoral System for Mitral Valve Annuloplasty: Up-to-2-Year Follow-Up Results  
Karl-Heinz Kuck, Antonio Colombo, Ottavio Alfieri, Alec Vahanian, Stephan Baldus, Georg Nickenig, Francesco Maisano, Ralph Stephan Von Bardeleben, Jan van der Heyden, Joerg Hausleiter, Arthur Kerner, Corrado Tamburino, Department of Cardiology, Asklepios Klinik St. Georg, Hamburg, Germany

1:10 p.m.  
Question and Answer

1:15 p.m.  
Predictors of Immediate and Very Late Events After Percutaneous Mitral Valvuloplasty  
Rafael A. Meneguz-Moreno, Jose de Ribamar Costa, Nisia Gomes, Auristela Ramos, Alfredo Ferreira Neto, Dimytri Siqueira, Mercedes Maldonado, Zilda Meneghelo, Cesar Esteves, Sergio Braga, Amanda Sousa, Alexandre Abizaid, Instituto Dante Pazzanese de Cardiologia, Sao Paulo, Brazil



1:25 p.m.

Question and Answer

1:30 p.m.

Long Term Outcomes of Patients Undergoing Percutaneous and Surgical Mitral Paravalvular Leak Repair

Mohamad Adnan Alkhouli, Sameh Said, Chad Zack, Charanjit Rihal, Mayo Clinic, Rochester, MN, USA

1:40 p.m.

Question and Answer

### Interventional Cardiology - Boot Camp

#### Session #305

#### Fellows Bootcamp: Coronary Disease Management

Sunday, March 19, 2017, 2 p.m. - 3:30 p.m.

Room 206

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Manish A. Parikh

Co-Chair: Sahil A. Parikh

2:00 p.m.

Multivessel Disease: When to Perform PCI or Refer to Surgery?

Manish A. Parikh

2:10 p.m.

Question and Answer

2:15 p.m.

Left Main / Bifurcation Disease

Raj R. Makkar

Los Angeles, CA

2:25 p.m.

Question and Answer

2:30 p.m.

ACS: STEMI and Thrombus

Erik Magnus Ohman

Durham, NC

2:40 p.m.

Question and Answer

2:45 p.m.

CHIP/High Complexity: CTO

Emmanouil S. Brilakis

Dallas, TX

2:55 p.m.

Question and Answer

3:00 p.m.

CHIP/Hemodynamic Support

Navin Kapur

Hanover, MA

3:10 p.m.

Question and Answer

3:15 p.m.

CHIP/Complications

Mauricio G. Cohen

Miami, FL

3:25 p.m.

Question and Answer

### Interventional Cardiology - Scientific

#### Session #772

#### Interrupting DAPT for Surgery, Afib, or Bleeding

Sunday, March 19, 2017, 2 p.m. - 3:30 p.m.

Room 201

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Michelle L. O'Donoghue

Co-Chair: Sunil V. Rao

Panelist: Dominick J. Angiolillo

Panelist: Subhash Banerjee

Panelist: C. Michael Gibson

Panelist: Jennifer Lutes

Panelist: Matthew J. Price

2:00 p.m.

Interruption of DAPT Due to Need for Surgery

Subhash Banerjee

Dallas, TX

2:10 p.m.

Question and Answer

2:15 p.m.

Atrial Fib

C. Michael Gibson

Boston, MA

2:25 p.m.

Question and Answer

2:30 p.m.

What to Do When the DAPT Patient Is Bleeding

Sunil V. Rao

Durham, NC

2:40 p.m.

Question and Answer

2:45 p.m.

Switching DAPT: How Do You Do It?

Matthew J. Price

La Jolla, CA

2:55 p.m.

Question and Answer

3:00 p.m.

Cangrelor for PCI and for Bridging

Dominick J. Angiolillo

Jacksonville, FL

3:10 p.m.

Question and Answer

3:15 p.m.

Panel Discussion

### Interventional Cardiology - Scientific

#### Session #773

#### Transcatheter Mitral Valve Replacement

Sunday, March 19, 2017, 2 p.m. - 3:30 p.m.

Room 202 B

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Robert A. Guyton

Co-Chair: Howard C. Herrmann

2:00 p.m.

Case Presentation: Mitral TAVR (Ring or Valve)



Saif Anwaruddin

2:05 p.m.

Review of TAVR Valves in Mitral Rings and Valves

Vinayak Nilkanth Bapat

London, United Kingdom

2:13 p.m.

Case Presentation: Mitral TAVR in Native Valve

Ted Feldman

Evanston, IL

2:18 p.m.

Review of TAVR Valves in Native Mitral Valve

Mayra E. Guerrero

Evanston, IL

2:26 p.m.

Case Presentation: Mitral TMVR

Howard C. Herrmann

Philadelphia, PA

2:31 p.m.

Review of TMVR Devices and Programs

Michael Mack

Plano, TX

2:39 p.m.

For Which Patients Do We Need TMVR: Who Is High Risk in 2017?

David H. Adams

New York, NY

2:49 p.m.

Medical Rx Will Be Able to Treat the Majority of These Patients

William T. Abraham

Columbus, OH

2:58 p.m.

Transcatheter Repair Will Be These Patients Best Option

Francesco Maisano

Zurich, Switzerland

3:07 p.m.

TMV Replacement Will Be These Patients Best Option

John G. Webb

Vancouver, Canada

3:16 p.m.

Question and Answer

### **Interventional Cardiology - Scientific Session #774**

#### **What's New in the World of STEMI?**

**Sunday, March 19, 2017, 2 p.m. - 3:30 p.m.**

**Room 207 A**

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

Co-Chair: Deepak Bhatt

Co-Chair: Lloyd W. Klein

2:00 p.m.

Pre-Debate Poll: Aspiration

2:02 p.m.

Debate: Pro for Aspiration

David Alan Cox

2:07 p.m.

Debate: Con for Aspiration

Sanjit S. Jolly

West Hamilton, Canada

2:12 p.m.

Rebuttal: Pro

2:15 p.m.

Rebuttal: Con

2:18 p.m.

Post-Debate Poll: Aspiration

2:20 p.m.

Pre-Debate Poll: Complete Revasc

2:22 p.m.

Debate: Pro for Complete Revasc

Anthony Gershlick

Leicester LE3 9QP, United Kingdom

2:27 p.m.

Debate: Con for Complete Revasc

Lloyd W. Klein

Chicago, IL

2:32 p.m.

Rebuttal: Pro

2:35 p.m.

Rebuttal: Con

2:38 p.m.

Post-Debate Poll: Complete Revasc

2:40 p.m.

Case Presentation: FFR and Its Role in STEMI, If Any

Morton J. Kern

Orange, CA

2:45 p.m.

Delays in Absorption, Morphine and Crushing

Dimitrios Alexopoulos

Ekali Athens, Greece

2:55 p.m.

Radial Versus Femoral: Is There Mandate for One Versus the Other

Rajiv Gulati

Rochester, MN

3:05 p.m.

Pre-Debate Poll: Stem Cells in MI

3:07 p.m.

Debate Pro: Stem Cells in MI- Hope or Hype

Timothy D. Henry

Los Angeles, CA

3:12 p.m.

Debate Con: Stem Cells in MI- Hope or Hype

Thomas J. Povsic

Chapel Hill, NC

3:17 p.m.

Rebuttal: Pro

3:20 p.m.

Rebuttal: Con

3:23 p.m.

Post-Debate Poll: Stem Cells in MI





3:25 p.m.  
Question and Answer

### Interventional Cardiology - Scientific

#### Session #786

#### Bioresorbable Vascular Scaffolds, Bioresorbable Polymer and Polymer Free Metallic DES

Sunday, March 19, 2017, 3:45 p.m. - 5:15 p.m.

Room 206

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: George D. Dangas  
Co-Chair: Patrick W. Serruys  
Panelist: Jean-Francois Tanguay  
Panelist: Pascal Vranckx

3:45 p.m.  
Absorb-BVS: Clinical Trial and Registry Update  
Stephen G. Ellis  
Cleveland, OH

4:00 p.m.  
Bioresorbable Polymer and Polymer Free Metallic DES  
Alexandre Abizaid  
Sao Paulo, Brazil

4:15 p.m.  
Imaging and Deployment Strategy: Achieving Optimal Outcomes  
Farouc A. Jaffer  
Boston, MA

4:30 p.m.  
ARS Poll: What % Use of BVS for Elective Stenting are You Anticipating in Your Practice? 1) <20%, 2) 20-50%, 3) >50%

4:35 p.m.  
Debate Pro: Appropriate Patient Selection: BVS Should Be Used Very Selectively  
Frederick G.P. Welt  
Salt Lake City, UT

4:42 p.m.  
Debate Con: Appropriate Patient Selection- BVS Can and Should Be Used More Broadly  
David Gerard Rizik  
Scottsdale, AZ

4:49 p.m.  
Rebuttal Pro

4:52 p.m.  
Rebuttal Con

4:55 p.m.  
ARS Poll: What % Use of BVS for Elective Stenting are You Anticipating in Your Practice? 1) <20%, 2) 20-50%, 3) >50%

5:00 p.m.  
Panel Discussion with Question and Answer

### Interventional Cardiology - Scientific

#### Session #787

#### Fundamentals of LAA Closure

Sunday, March 19, 2017, 3:45 p.m. - 5:15 p.m.

Room 207 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Jonathan P. Piccini  
Co-Chair: Matthew J. Price  
Panelist: Saibal Kar

Panelist: Ramon Quesada  
Panelist: Jacqueline W. L. Saw  
Panelist: Apostolos Tzikas

3:45 p.m.  
Synthesis of the Clinical Data for Transcatheter LAA Closure for Stroke Prevention  
Vivek Yerrapu Reddy  
New York, NY

3:55 p.m.  
Transseptal Puncture for LAA Closure  
Jason Rogers  
Sacramento, CA

4:04 p.m.  
Case Presentation: Suboptimal versus Optimal Transseptal Puncture  
Matthew J. Price  
La Jolla, CA

4:09 p.m.  
Synthesizing Imaging (Echo, CT, and Fluoroscopy) to Define Anatomic Suitability for LAA Closure  
Jacqueline Saw  
Canada

4:18 p.m.  
Is AF Ablation Sufficient to Reduce Thromboembolic Risk and Eliminate OACs?  
Shephal K. Doshi  
Santa Monica, CA

4:27 p.m.  
Optimizing Post-Procedure Anticoagulation After LAA Closure: DAPT, Warfarin, or NOACs?  
Jonathan P. Piccini  
Durham, NC

4:36 p.m.  
Case Presentation: Thrombus After LAA Closure  
Matthew J. Price  
La Jolla, CA

4:41 p.m.  
Anticipating and Managing Complications of LAA Closure  
Ramon Quesada  
Miami, FL

4:50 p.m.  
Case Presentation: Complication of LAA Closure  
Ken Huber  
Kansas City, MO

4:55 p.m.  
Patient Selection for LAA Closure: U.S. Perspective  
Saibal Kar  
Los Angeles, CA

5:00 p.m.  
Patient Selection for LAA Closure: European Perspective  
Stephan Windecker  
Bern, Switzerland

5:05 p.m.  
Panel Discussion with Question and Answer