



### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #601

#### CTO Case Review: How to Achieve Success While Staying Out of Trouble

Saturday, April 2, 2016, 8 a.m. - 9:30 a.m.

Room S101

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: James Aaron Grantham

Co-Chair: Carlo Di Mario Kingdom

8:00 a.m.

Antegrade IVUS Guided Re-Entry  
Masahiko Ochiai

8:15 a.m.

Antegrade Dissection Re-Entry After Failed Retrograde Approach  
Simon Walsh  
Ireland

8:30 a.m.

Complex Reverse CART Without IVUS Guidance  
George Sianos  
Thessaloniki, Greece

9:00 a.m.

Antegrade CTO Complications: Management Strategies  
James Aaron Grantham  
Kansas City, MO

9:15 a.m.

Retrograde CTO Complications: Management Strategies  
Dimitrios Karpaliotis  
New York, NY

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #602

#### Imaging for Transcatheter Mitral Intervention

Saturday, April 2, 2016, 8 a.m. - 9:30 a.m.

Room S102

CME Hours: 1.5 /CNE Hours: 0

Co-Chair: Dinesh H. Jagasia

Co-Chair: Frank E. Silvestry

8:00 a.m.

How to Distinguish Between and Grade Severity of Primary Versus Secondary MR  
Paul A. Grayburn

8:15 a.m.

Strengths and Limitations of TEE Assessment and Guidance of Mitral Procedures  
Philip G. Haines  
Providence, RI

8:30 a.m.

Automated Quantitative Real-Time Volume Color Doppler For Mitra-Clip: How Does it Help?  
Mani A. Vannan  
Atlanta, GA

8:45 a.m.

Role of Pre-Procedure CT for Mitral Interventions  
Philipp Blanke  
Vancouver, Canada

9:00 a.m.

Will 3D Rapid Prototyping Have a Role for Mitral Interventions  
Tomas Siminiak  
Poznan, Poland

9:15 a.m.

Question and Answer

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #603

#### Great Minds Think... Differently: Multidisciplinary Approach to Advanced Therapies

Saturday, April 2, 2016, 8 a.m. - 9:30 a.m.

Room S103ab

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Sarah Clarke

Co-Chair: Jacqueline Gamberdella

8:00 a.m.

Welcome  
Sarah Clarke

8:05 a.m.

Case Presentation: HF Management- Options for the Failing Heart  
Hirsch Mehta  
La Jolla, CA

8:17 a.m.

Case Discussant: HF Management- Options for the Failing Heart  
Robert J. Mentz  
Durham, NC

8:17 a.m.

Case Discussant: HF Management- Options for the Failing Heart  
Ajay Srivastava  
La Jolla, CA

8:17 a.m.

Case Discussant: HF Management- Options for the Failing Heart  
Amynah Welji  
Atlanta, GA

8:25 a.m.

Are We Doing Enough for CAD Prevention? The Latest in Lipid Management  
Jan McAlister  
Atlanta, GA

8:35 a.m.

Update on Interventions for Congenital Heart Disease  
Patricia Keegan  
Atlanta, GA

8:45 a.m.

Periprocedural Pharmacology: Current Status  
Martina Speight  
Stanford, CA

9:00 a.m.

Minimally Invasive Strategies for TAVR  
Sandra Lauck  
Vancouver, Canada

9:10 a.m.

The Future of Mitral Disease: Perspective for Transcatheter Therapies  
Elizabeth Perpetua  
Seattle, WA



9:20 a.m.  
Cerebral Protection: Is It Necessary?  
Marian Hawkey  
New York, NY

### ACC.i2 Interventional Cardiology - Poster Contributions Session #1105

#### Acute Myocardial Infarction

Saturday, April 2, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

109 - Benefit and Risk of Dual Antiplatelet Therapy in Females: DAPT Study Results  
Natalia Berry, Dean Kereiakes, Robert Yeh, Philippe Steg, Donald Cutlip, Wen-Hua Hsieh, Joseph Massaro, Laura Mauri, Brigham and Women's Hospital, Boston, MA, USA

110 - Bivalirudin Versus Heparin With or Without Glycoprotein IIb/IIIa Inhibitors in Patients Undergoing Percutaneous Coronary Intervention: A Meta-Analysis of >40,000 Patients  
Ashish Adrian Correa, Abel Casso Dominguez, Jacqueline Tamis-Holland, Mount Sinai Saint Luke's Hospital and the Icahn School of Medicine, New York, NY, USA

111 - Short-Term Mortality and Long-Term Effects of Air Pollution on Acute Myocardial Infarction Patients in South Korea  
Seung-Woon Rha, Byoung Geol Choi, Se Yeon Choi, Jae Kyeong Byun, Min Shim, Dong Joo Oh, Myung Ho Jeong, other Korea Acute Myocardial Infarction Registry Investigators, Cardiovascular Center, Korea University Guro Hospital, Seoul, South Korea

112 - Efficacy of Fibrates or Omega-3 Fatty Acids Added to Statin Therapy in Acute Myocardial Infarction Patients  
Seung-Woon Rha, Min Shim, Byoung Geol Choi, Se Yeon Choi, Jae Kyeong Byun, Dong Joo Oh, Myung Ho Jeong, other Korea Acute Myocardial Infarction Registry Investigators, Cardiovascular Center, Korea University Guro Hospital, Seoul, South Korea

113 - Morphine Use Impairs Thrombotic Status in Patients With ST-Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention  
Mohamed Farag, Manivannan Srinivasan, Diana Gorog, East and North Hertfordshire NHS Trust, Hertfordshire, United Kingdom, National Heart & Lung Institute, London, United Kingdom

114 - Complete Versus Culprit-Only Revascularization in Patients With ST-Elevation Myocardial Infarction and Multivessel Disease: A Meta-Analysis of Randomized Trials  
Jae-Sik Jang, Ho-Cheol Shin, Han-Young Jin, Jeong-Sook Seo, Tae-Hyun Yang, Dae-Kyeong Kim, Dong-Soo Kim, Inje University Busan Paik Hospital, Busan, South Korea

115 - Clinical Characteristics and Outcomes of Cardiac Arrest Patients in the Setting of ST-Elevation Myocardial Infarction  
Ross Garberich, Scott Sharkey, Derek Johnson, Benjamin Johnson, Jay Traverse, Anil Poulouse, Daniel Lips, David Larson, Timothy Henry, Minneapolis Heart Institute Foundation, Minneapolis, MN, USA, Cedars-Sinai Heart Institute, Los Angeles, CA, USA

116 - Impact of Immediate Invasive Strategy in Patients With Non-ST-Segment Elevation Myocardial Infarction  
Doo Sun Sim, Woo Jin Kim, Myung Ho Jeong, Youngkeun Ahn, Young Jo Kim, Shung Chull Chae, Taek Jong Hong, In Whan Seong, Jei Keon Chae, Chong Jin Kim, Myeong Chan Cho, Seung-Woon Rha, Jang Ho Bae, Ki Bae Seung, Seung Jung Park, Chonnam National University Hospital, Gwangju, South Korea

117 - Timing of PCI in Patients With Non-ST-Elevation Myocardial Infarction: A SWEDEHEART Study  
Christoph Varenhorst, Joakim Alfredsson, Oskar Angerås, Felix Böhm, Fredrik Calais, Stefan James, Sasha Koul, Bo Lagerqvist, Henrik Renlund, Giovanna Sarno, Daniel Lindholm, Department of Medical Sciences, Cardiology and Uppsala Clinical Research Center, Uppsala University, Uppsala, Sweden

118 - Outcomes of Transcatheter Closure of Post-Myocardial Infarction Ventricular Septal Defect  
Yu Xie, Justin Cox, Abhijeet Dhoble, Abhimanyu (Manu) Uberoi, Rahul Sharma, Tarun Chakravarty, William Collins, Raj Makkar, Fardad Esmailian, Prediman Shah, Bojan Cercek, Saibal Kar, Cedars-Sinai Medical Center, Los Angeles, CA, USA

119 - Predictors of Failed Reperfusion in Uncertain Candidates for Catheter Thrombus Aspiration  
David Marti, Jose Luis Mestre, Luisa Salido, María Jesus Esteban, Eduardo Casas, Jaime Pey, Marcelo Sanmartín, Rosana Hernández-Antolín, Jose Luis Zamorano, Hospital Ramón y Cajal, Universidad de Alcalá, Madrid, Spain, Hospital Central de la Defensa, Universidad de Alcalá, Madrid, Spain

120 - Safety and Efficacy of the Combination Sirolimus-Eluting Endothelial Progenitor Cell Capture Stent in Patients With ST-Segment Elevation Acute Myocardial Infarction: One Year Follow-Up  
Joshua Ping Yun Loh, Leonardo Carvalho, Edgar Tay, Chi-Hang Lee, Koo Chan, Mark Chan, Adrian Low, Poay huan Loh, Huay-Cheem Tan, National University Heart Centre, Singapore, Singapore, Singapore

121 - Incidence, Predictors and Impact of Stroke After Percutaneous Coronary Intervention for Acute Coronary Syndromes: Results From the PROMETHEUS Registry  
Gennaro Giustino, Usman Baber, Samantha Sartori, Shunsuke Aoi, Melissa Aquino, Jaya Chandrasekhar, William Weintraub, Sunil Rao, Sandra Weiss, Timothy Henry, Samir Kapadia, Kanhaiya Poddar, Anthony DeFranco, J. Muhlestein, Catalin Toma, Mark Effron, Stuart Keller, Brian Baker, Stuart Pocock, Roxana Mehran, The Icahn School of Medicine at Mount Sinai, New York, NY, USA

122 - Coronary Artery Revascularization After Acute Myocardial Infarction in Patients With Liver Cirrhosis  
Mohammed Salim Al-Damluji, Abdulla Damluji, Tony Zhang, Raul Mitrani, Robert Myerburg, Mauricio Cohen, Mauro Moscucci, University of Connecticut - Internal Medicine Program, Farmington, CT, USA

123 - Comparison of Short- and Long-Term Mortality Between ST-Segment Elevation and Non-ST-Segment Elevation Myocardial Infarction  
Hidegori Yaku, Hiroki Shiomi, Takeshi Morimoto, Yugo Yamashita, Yutaka Furukawa, Yoshihisa Nakagawa, Kenji Ando, Kazushige Kadota, Mitsuru Abe, Miki Shinji, Satoshi Shizuta, Koh Ono, Takeshi Kimura, Kyoto University Graduate School of Medicine, Kyoto, Japan

124 - First Time Myocardial Infarction in the Hospitalized Patient: A Review of 3.65 Million Admissions From the United States National Trauma Databank  
Oduwayo Olorunfemi, Gbolahan Ogunbayo, Anand Dayama, Oladimeji Akinboro, Melvin E. Stone, John McNelis, Rochester General Hospital, Rochester, NY, USA, Jacobi Medical Center, Bronx, NY, NY, USA

125 - Impact of Pitavastatin on New-Onset Diabetes in Acute Myocardial Infarction  
Cheol Ung Choi, Sung Hun Park, Byoung Geol Choi, Se Yeon Choi, Jae Kyeong Byun, Eun Jin Park, Jah Yeon Choi, Jae Joong Lee, Sunki Lee, Jin Oh Na, Hong Euy Lim, Jin Won Kim, Eung Ju Kim, Seung-Woon Rha, Chang Gyu Park, Hong Seog Seo, Dong Joo Oh, Myung Ho Jeong, Cardiovascular Center, Korea University Guro Hospital, Seoul, South Korea



126 - Clinical Presentation, Management and Prognosis of Patients With Spontaneous Coronary Artery Dissection  
Vedant Pargaonkar, Abha Khandelwal, Gomathi Krishnan, Katharine Sears, Valerie Hoover, William Fearon, David Lee, Alan Yeung, Sandra Tsai, Mary Nejedly, Sahar Naderi, Jennifer Tremmel, Stanford University School of Medicine, Stanford, CA, USA

127 - Ratio of Systolic Blood Pressure to Left Ventricular End-Diastolic Pressure at the Time of Percutaneous Coronary Intervention Predicts In-Hospital Mortality in Patients With ST-Elevation Myocardial Infarction  
Michael Sola, Robert Rayson, Kiran Venkatesh, Melissa Caughey, Xuming Dai, George Stouffer, Michael Yeung, University of North Carolina, Chapel Hill, NC, USA

128 - Identification of Novel CYP2C19 Genetic Variants in Patients With Definite Stent Thrombosis: An In-Depth Sequencing Study  
Kashish Goel, Charanjit Rihal, Gregory Jenkins, Saurabh Baheti, Bruce Eckloff, Suzette J. Bielinski, Veronique Roger, Naveen Pereira, Mayo Clinic, Rochester, MN, USA

129 - National Trends of PCI and Concurrent Mortality in Patients  $\geq 75$  Years Age Hospitalized Due to Acute Myocardial Infarction  
Bhavi Pandya, Sainath Gaddam, Achint Patel, Neil Patel, Parisha Bhatia, Donald McCord, Roman Rozyman, Ruben Kandov, James Lafferty, Staten Island University Hospital, Staten Island, NY, USA

130 - Comparison of Clinical Outcomes Between Bioresorbable Vascular Stents Versus Conventional Drug-Eluting and Metallic Stents: A Systematic Review and Meta-Analysis  
Maciej Banach, Maria Corina Serban, Amirhossein Sahebkar, Hector M. García-García, Dimitri P. Mikhailidis, Seth Martin, Brie Daniel, Jacek Rysz, Peter Toth, Steven Jones, Rani Hasan, Svetlana Mosteoru, Mahmoud Al Rifai, Michael Pencina, Patrick W. Serruys, Lipid and Blood Pressure Meta-analysis Collaboration (LBPMC) Group, Medical University of Lodz, Lodz, Poland

131 - Predictors of Mortality Among Medicare Beneficiaries Undergoing PCI With STEMI or NSTEMI  
Aaron D. Kugelmass, David Cohen, Phillip Brown, Matthew Reynolds, April Simon, Steven Culler, Baystate Medical Center, Springfield, MA, USA, Clinical Data Solutions, Atlanta, GA, USA

### ACC.i2 Interventional Cardiology - Poster Contributions Session #1106

#### ACC.i2 Interventional Cardiology: Vascular Access and Complications

Saturday, April 2, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

133 - Percutaneous Coronary Intervention From Femoral Approach by Radial Experts in Patients With Acute Coronary Syndromes: A Meta-Analysis of Randomized Controlled Trials  
Rahman Shah, Sajjad Khan, Jonathan Gardner, Inyong Hwang, John A. Leah, Rohan Goswami, Kodangudi Ramanathan, University of Tennessee, Memphis, TN, USA, VA Hospital, Memphis, TN, USA

134 - The Clinical Impact of Transradial Percutaneous Coronary Intervention on Access Site Bleeding in STEMI Patients Requiring Intra-Aortic Balloon Pumping Support  
Kazunori Horie, Yusuke Toki, Takashi Matsumoto, Norio Tada, Taku Honda, Kaname Takizawa, Tatsushi Otomo, Naoto Inoue, Sendai Kousei Hospital, Miyagi, Japan

135 - The Predictors and Clinical Impact of Failure of Transradial Approach for Primary Percutaneous Coronary Intervention in STEMI Patients in the Single-Center Registry

Kazunori Horie, Yusuke Toki, Takashi Matsumoto, Tsuyoshi Isawa, Norio Tada, Taku Honda, Kaname Takizawa, Tatsushi Otomo, Naoto Inoue, Sendai Kousei Hospital, Miyagi, Japan

136 - Targeting the Safe Zone: A Quality Improvement Project to Reduce Vascular Access Complications  
Andrea Mignatti, Patricia Friedmann, David Slovut, Montefiore Medical Center, New York, NY, USA

137 - Endothelial Dysfunction and the Occurrence Radial Artery Spasm During Transradial Coronary Procedures: The ACRA-Spasm Study  
Dirk Jan Van Der Heijden, Maarten A.H. van Leeuwen, Jailen Hermie, Ferdinand Kiemeneij, Niels Van Royen, VUMC, Amsterdam, The Netherlands

138 - Comparison of the Prognostic Utilities of Creatinine-Based and Calculated Creatinine Clearance-Based Mid-Term Renal Insufficiency Undergoing Percutaneous Coronary Intervention  
Arata Hagikura, Kenji Goto, Hiroki Yamane, Kazunari Kobayashi, Yoshimasa Morimoto, Yuetsu Kikuta, Katsumasa Sato, Masahito Taniguchi, Shigeki Hiramatsu, Hideo Takebayashi, Seiichi Haruta, Fukuyama Cardiovascular Hospital, Hiroshima, Japan

139 - Female Gender and Coronary Intervention Are Significant Risk Factors for Catheterisation-Related Stroke in a Tertiary Centre Experience Over a Three Year Period  
Adam Hartley, Ramzi Khamis, Ghada Mikhail, Iqbal Malik, Imperial College, London, United Kingdom

140 - The Caval Penetration by Permanent Implantation of the Temporary Inferior Vena Cava Filters and Long-Term Clinical Outcomes: A Single Center Experience  
Tomohisa Tada, Koutarou Takahashi, Hiroki Sakamoto, Shizuoka General Hospital, Shizuoka, Japan

167 - Improving Success of Transradial Interventions in Small Arteries (IRIS): A Randomized Study Using "Compression of the Ulnar Artery Technique" in Small Radial Arteries to Improve Procedural Outcomes  
Sanjay Chugh, Yashvasi Chugh, Sunita Chugh, Satyajit Bose, The Mission Hospital, Durgapur, India, Jacobi Medical Center/Albert Einstein College of Medicine, Bronx, NY, USA

168 - Impact of Closure Devices in TAVI Procedures on Vascular Complications and Mortality  
Zisis Dimitriadis, Werner Scholtz, Marcus Wiemer, Cornelia Piper, Marios Vlachojannis, Stephan Ensminger, Thomas Bitter, Lothar Faber, Dieter Horstkotte, Smita Scholtz, Clinic for Cardiology, Herz- und Diabeteszentrum NRW, Ruhr-Universität Bochum, Bad Oeynhausen, Germany

169 - Common Carotid Access for Trans-Catheter Aortic Valve Replacement: A More Cerebral Approach  
Robert W. Hodson, Eric Kirker, Providence Heart and Vascular Institute, Portland, OR, USA

170 - The Ratio of Contrast Media Volume to the Estimated Glomerular Filtration Rate and Syntax Score Predict 3-Year Poor Outcome in Patients With Acute Coronary Syndrome and Chronic Kidney Disease Undergoing Emergency Coronary Procedure  
Tatsuhisa Ozaki, Takahisa Yamada, Takashi Morita, Yoshio Furukawa, Shunsuke Tamaki, Yusuke Iwasaki, Masato Kawasaki, Atsushi Kikuchi, Takumi Kondo, Masashi Ishimi, Hideyuki Hakui, Yoshihiro Sato, Masahiro Seo, Iyo Ikeda, Masatake Fukunami, Osaka General Medical Center, Osaka, Japan

171 - Current Trend of Factors Influencing Physician Preference in Radial Versus Femoral Access in Angiography: A Real World Experience From a Tertiary Care Teaching Hospital  
Jimmy Yee, Vishesh Kumar, Pujan Patel, Neil Patel, Paul Thompson, Adam Stys, Marian Petrasko, Tomasz Stys, University of South Dakota, Sanford School of Medicine, Sioux Falls, SD, USA



172 - Validity of Current Definition of Acute Kidney Injury in Chronic Kidney Disease After Percutaneous Coronary Intervention: A 10-Year Retrospective Study

Elizabeth Hill, Amgad Mentias, Mohammad Raza, Rony Lahoud, E. Murat Tuzcu, Stephen Ellis, A. Lincoff, Samir Kapadia, Cleveland Clinic, Cleveland, OH, USA

173 - Prospective Decision Support Tool Guides Usage of Vascular Closure Devices that Reduce Bleeding Complications, Length of Stay, and Variable Costs in High Bleed Risk Patients

Christopher Han, Craig Strauss, Ross Garberich, Ivan Chavez, Anil Poulouse, Timothy Henry, Minneapolis Heart Institute Foundation, Minneapolis, MN, USA

174 - A Randomized Comparison of Transradial Coronary Intervention Using 6.5-Fr Sheathless Guide Catheter Versus 6-Fr Glide Sheath

Makoto Saigan, Kazunori Horie, Daisuke Togashi, Masaki Miyasaka, Takashi Matsumoto, Tsuyoshi Isawa, Norio Tada, Mie Sakurai, Taku Honda, Sendaikousei Hospital, Sendai Miyagi, Japan

175 - Propensity-Score Comparison of Patients With Stable Coronary Artery Disease Undergoing Percutaneous Coronary Intervention by Radial Versus Femoral Approach

Daniel Diehl, Jose de Ribamar Costa, Ricardo Costa, Bruno Gallindo de Mello, Daniel Chamié, Tannas Jatene, Dimytri Siqueira, Rodolfo Staico, Fausto Feres, Amanda Sousa, Alexandre Abizaid, Instituto Dante Pazzanese de Cardiologia, Sao Paulo, Brazil

176 - Trends in Bleeding Related Complications in Patients With Atrial Fibrillation Undergoing Coronary Intervention for Acute Myocardial Infarction

Nileshkumar Patel, Dhaval Pau, Nish Patel, Nilay Patel, Abhishek Deshmukh, Carlos Alfonso, Mauricio Cohen, Deepak Bhatt, University of Miami Miller School of Medicine, Miami, FL, USA

177 - Radial Artery Ultrasound Predicts the Success of Transradial Coronary Angiography

Rami Abazid, Yaser Bashir, Mohamed Z. Mohamed, Osama Smettei, M. Obadah Kattea, Annie Suresh, Haitham Saker, Prince Sultan Cardiac Center Qassim PSCCQ, Burydah, Saudi Arabia

178 - Initial Experience of Trans-Ulnar Access in Females: A Single Center Prospective Randomized Control Study

Rajendra Gokhroo, Avinash Anantharaj, Kamal Kishor, Bhanwar Ranwa, Shashi K. Pandey, Ramsagar Roy, Postgraduate Department of Cardiology, JLN Medical College, Ajmer, Rajasthan, India

179 - Acute Kidney Injury Following Primary Percutaneous Coronary Interventions for ST-Segment Elevation Myocardial Infarction: Trends in the Past Fifteen Years

Arie Steinvil, Hector Garcia Garcia, Toby Rogers, Sarkis Kiramijyan, Edward Koifman, Smita Negi, Sang Yeub Lee, Rebecca Torguson, Augusto Pichard, Lowell Satler, Itsik Ben-Dor, Ron Waksman, MedStar Washington Hospital Center, Washington, DC, USA

180 - Are Higher Hospital Appropriateness Scores for Percutaneous Coronary Intervention Linked to Fewer 30-Day Readmissions?

Daniel M. Alveshmerni, Milan Seth, David Miller, John Syrjamaki, Simon Dixon, Hitinder Gurm, Brahmajee Nallamothu, University of Michigan, Ann Arbor, MI, USA

181 - Temporal Trends and Regional Patterns of Operator Percutaneous Coronary Intervention Volume in the United States: A Report From the NCDR CathPCI Registry

Alexander C. Fanaroff, Dadi (David) Dai, Matthew Sherwood, Matthew Roe, Tracy Wang, Hitinder Gurm, Mauricio Cohen, John Messenger, Sunil Rao, Duke Clinical Research Institute, Durham, NC, USA

182 - Predictors of In-Hospital Gastrointestinal Bleeding Following Percutaneous Coronary Intervention in the United States

Dhaval Pau, Nileshkumar Patel, Nikhil Nalluri, Hafiz Khan, Ritesh Kanotra, Kanishk Agnihotri, Nilay Patel, Shilpkumar Arora, Azfar Sheikh, Moiz Ahmed, Marc Bogin, James Lafferty, Staten Island University Hospital, Staten Island, NY, USA

183 - Impact of Major Bleeding as Defined by National Cardiovascular Data Registry Across Different Baseline Hemoglobin Levels in Patients Undergoing Elective Percutaneous Coronary Intervention

Amgad G. Mentias, Amr F. Barakat, Mohammad Raza, Elizabeth Hill, Mehdi Shishehbor, Leslie Cho, A. Lincoff, Stephen Ellis, Samir Kapadia, Heart and Vascular Institute, Cleveland Clinic, Cleveland, OH, USA

184 - Reducing Bleeding Complications in the Cathlab: A Patient-Centered Approach

Amit P. Amin, Mary Caruso, Pedro Calderon Artero, Samantha Miller, Jasvinder Singh, Howard Kurz, Patti Crimmins, Washington University in St. Louis, St. Louis, MO, USA, Barnes Jewish Hospital, St. Louis, MO, USA

185 - One Year Outcomes After Switching From a Bivalirudin-First Strategy to a Heparin-First Strategy for All Percutaneous Coronary Interventions in a Single-Center Cardiac Catheterization Lab

Rahul Jaswaney, Christopher End, Melissa Caughey, Patricia Sudar, Michael Yeung, Prashant Kaul, George Stouffer, John Vavalle, UNC Healthcare, Chapel Hill, NC, USA

186 - A Comparison Between Two Different Definitions of Contrast-Induced Acute Kidney Injury in Patients With ST-Segment Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention

Marco Centola, Stefano Lucreziotti, Diego Salerno-Uriarte, Carlo Sponzilli, Giulia Ferrante, Mario Cozzolino, Federico Lombardi, Stefano Carugo, Azienda Ospedaliera San Paolo, Polo Universitario, Italy, Italy

187 - Randomized Study Comparing Strategies to Combat Radial Artery Spasm: The Combat Spasm Trial

Carlos A. Collet, Juan Corral, Nestor Cruz, Fernando Bosch, Luis Barrios, Miguel Mejia, Juan Munoz, Eastern Plains Cardiovascular Center, Villavicencio, Colombia, Cardiovascular Research Center Colombia, Villavicencio, Colombia

188 - Impact of Access Site on Incident Contrast-Induced Nephropathy After Percutaneous Coronary Intervention

Samir B. Pancholy, Maitri S. Pancholy, Kimberly Skelding, Thomas Scott, James Blankenship, The Wright Center for Graduate Medical Education, Scranton, PA, USA, Geisinger Medical Center, Danville, PA, USA

189 - An Updated Comprehensive Meta-Analysis of Randomized Controlled Trials Comparing Radial Versus Femoral Access for Percutaneous Interventions in Patients With Acute Coronary Syndrome

Sajjad A. Khan, Yenal Harper, Teresa Slomka, Leah A. John, Beatrix Ramos Bondy, Rahman Shah, Aga Khan University, Karachi, Pakistan, University of Tennessee, Memphis, TN, USA

### ACC.i2 Interventional Cardiology - Poster Contributions

#### Session #1107

#### Complex PCI: Left Main, Multi Vessel, Bifurcation

Saturday, April 2, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

141 - Differential Impact of Residual Coronary Lesions on Clinical Outcomes After Percutaneous Coronary Intervention Between Patients With ACS and Non-ACS in Left Main Coronary Artery

Tomohisa Tada, Koutarou Takahashi, Mamoru Toyofuku, Hirooki Higami, Yasushi Fuku, Hiroshi Muranishi, Kouji Nishida, Takeshi Morimoto, Takeshi Kimura, Hiroki Sakamoto, Shizuoka General Hospital, Shizuoka, Japan



142 - Length of Stay and Hospitalization Costs of Multivessel Percutaneous Coronary Intervention in Hemodynamically Stable Patients Presenting With ST Elevation Myocardial Infarction

Nilay Patel, Sidakpal Panaich, Shilpkumar Arora, Chirag Savani, Sopan Lahewala, Nileshkumar Patel, Carlos Gongora, Abhishek Deshmukh, Apurva Badheka, Saint Peter's University Hospital, New Brunswick, NJ, USA, The Everett Clinic, Everett, WA, USA

143 - Plaque Morphology Predictors of Side Branch Occlusion After Main Vessel Stenting in Coronary Bifurcation Lesion: Optical Coherence Tomography Imaging Study

Takahiro Yoshimura, Yuliya Vengrenyuk, Jacobo Pena, Jossef Amirian, Safwan Kezbor, Choudhury Hasan, Joseph Sweeny, George Dangas, Usman Baber, Pedro R. Moreno, Jagat Narula, Samin Sharma, Annapurna Kini, Mount Sinai School of Medicine, New York, NY, USA

144 - Long-Term (7-Year) Clinical Outcomes of Bifurcation Lesions After Biodegradable Polymer-Based Biomatrix Biolimus-Eluting Stent Implantation According to Stenting Strategy

Masanobu Ohya, Kazushige Kadota, Yusuke Hyodo, Suguru Otsuru, Daiji Hasegawa, Takeshi Tada, Seiji Habara, Hiroyuki Tanaka, Yasushi Fuku, Tsuyoshi Goto, Kazuaki Mitsudo, Kurashiki Central Hospital, Kurashiki, Japan

145 - Long Term Impact of Proximal Left Anterior Descending Artery Lesions in Patients With Three-Vessel and/or Left-Main Coronary Artery Disease: A Patient-Level Pooled Analysis of 3280 Patients From the SYNTAX, PRECOMBAT and BEST Trials

Rafael Cavalcante, Yohei Sotomi, Cheol Whan Lee, Jung-Min Ahn, Pannipa Suwannsom, Yaping Zeng, Yoshinobu Onuma, Seung-Jung Park, Patrick Serruys, Erasmus University Medical Center, Rotterdam, The Netherlands, Asan Medical Center, University of Ulsan, Seoul, South Korea

146 - Optimal Management of Non-Culprit Stenosis in Patients With Multivessel Disease Presenting With ST Elevation Myocardial Infarction: Results of a Network Meta Analysis

Sanjog Kalra, Hadi Khafaji, Kelvin K. W. Chan, Sami M. A. Alnasser, Inderbir Singh, Sierra Cheng, Mahin Qureshi, Akshay Bagai, Asim Cheema, St. Michael's Hospital, Toronto, Canada

147 - Assessment of Ostial Left Anterior Descending Lesion Stented From Left Main to Left Anterior Descending by Optical Coherence Tomography  
Junpei Koike, Daisuke Matsumoto, Yodogawa Christian Hospital, Osaka, Japan

148 - Meta-Analysis of Randomized Trials Comparing Multivessel Versus Infarct Artery-Only Revascularization for Patients With ST-Segment Elevation Myocardial Infarction and Multivessel Coronary Artery Disease

Rahman Shah, Sajjad A. Khan, Rohan Goswami, Jonathan Gardner, Mohamed Morsy, Yenai Harper, University of Tennessee, Memphis, TN, USA, VA Hospital, Memphis, TN, USA

149 - Practice Makes Perfect for PCI, Not for CABG

Oduwayo Olorunfemi, Tunde Ola, Oladimeji Akinboro, Gbolahan Ogunbayo, Shanchiya Ravindradas, Oluwatobi Adegboyega, Rochester General Hospital, Rochester, NY, USA, New York Metropolitan Hospital Center, New York, NY

150 - Comparison of Three Revascularization Strategy in ST-Elevation Myocardial Infarction Patients: Simultaneous, "One-Week" Staged, and Delayed Staged Percutaneous Coronary Intervention

Young Keun Ahn, Inna Kim, Min Chul Kim, Doo Sun Sim, Young Joon Hong, Ju Han Kim, Myung Ho Jeong, Jeong Gwan Cho, Jong Chun Park, Kiyuk Chang, Ki-Bae Seung, Chonnam National University Hospital, Gwangju, South Korea, Seoul St Mary's Hospital, Seoul, South Korea

151 - In-Hospital Outcomes of Multivessel Percutaneous Coronary Intervention in Hemodynamically Stable Patients Presenting With ST Elevation Myocardial Infarction

Shilpkumar Arora, Sidakpal Panaich, Nilay Patel, Chirag Savani, Sopan Lahewala, Nishith Vayada, Ronak Bhimani, Rajesh Sonani, Sanskruti Patel, Emmanuel Valery, Nilesh Balar, Nileshkumar Patel, Carlos Gongora, Abhishek Deshmukh, Apurva Badheka, Mount Sinai St Lukes Roosevelt Hospital, New York, NY, USA

152 - Very Long-Term (10- to 14-Year) Outcomes After Percutaneous Coronary Intervention Versus Coronary Artery Bypass Grafting for Multi-Vessel Coronary Artery Disease

Hiroki Shiomi, Kyohei Yamaji, Takeshi Morimoto, Satoshi Shizuta, Kenji Nakatsuma, Hirooki Higami, Yutaka Furukawa, Yoshihisa Nakagawa, Kazushige Kadota, Kenji Ando, Ryuzo Sakata, Hitoshi Okabayashi, Michiya Hanyu, Mitsuomi Shimamoto, Noboru Nishiwaki, Tatsuhiko Komiya, Takeshi Kimura, Department of Cardiovascular Medicine, Kyoto University Graduate School of Medicine, Kyoto, Japan

153 - Culprit Only Versus Multivessel Percutaneous Coronary Intervention in Patients With Cardiogenic Shock Complicating Acute Myocardial Infarction: A Meta-Analysis of Observational Studies

Dhaval Kolte, Partha Sardar, Sahil Khera, Wilbert Aronow, Theophilus Owan, Diwakar Jain, Julio Panza, William Frishman, Gregg Fonarow, Deepak Bhatt, Herbert Aronow, J. Abbott, Brown University/Rhode Island Hospital, Providence, RI, USA

154 - Prospective, Randomized, Open-Label, Multicenter Trial to Compare Between Provisional Versus Routine Kissing Balloon Technique After Main Vessel Crossover Stenting for Bifurcated Lesions (PROTECT-SB): The Extent and Severity of Myocardial Ischemia and Long Term Follow-Up

Masahiro Yamawaki, Masaki Fujita, Shinya Sasaki, Masanori Tsurugida, Motoharu Araki, Hiroshi Ishimori, Masatsugu Nakano, Keisuke Hirano, Yoshiaki Ito, Reiko Tsukahara, Toshiya Muramatsu, Saiseikai Yokohama City Eastern Hospital, Yokohama, Japan

155 - Risk of Contrast Induced Nephropathy During Complete Revascularization Compared to Infarct-Related Artery Revascularization in the Setting of ST-Segment Elevation Myocardial Infarction: A Meta-Analysis  
Bertrand Njume Mukete, Russell Riehl, Owen Mogabgab, Rohan Samson, Abhishek Jaiswal, Asif Anwar, Thierry Le Jemtel, Tulane University School of Medicine, New Orleans, LA, USA

156 - Long Term Outcomes in Patients With Left Main Coronary Artery Disease Treated With Either Percutaneous Coronary Intervention or Bypass Surgery-Evidence From a Meta-Analysis

Partha Sardar, Saurav Chatterjee, Amartya Kundu, Ramez Nairooz, Khaled Tuwairqi, Riyaz Bashir, Brian O'Neill, Brian O'Murchu, Debabrata Mukherjee, Jay Giri, Howard Cohen, Theophilus Owan, University of Utah, Salt Lake City, UT, USA

157 - SYNTAX Score and Its Impact on Long Term Outcomes of Coronary Revascularization: A Meta-Analysis and Meta-Regression

Alok Saurav, Vimal Kandasamy, Ajay Kumar Kaja, Arun Kanmanthareddy, Saurabh Aggarwal, Aiman Smer, Manu Kaushik, Venkata Alla, Aryan Mooss, Creighton University Medical Center, Omaha, USA

158 - Footprint Patterns and Fractures in Bioresorbable Stents Implanted in Step-Down Bifurcations

Camilla Fox Maule, Jo Simonsen, Emil Holck, Jouke Dijkstra, Lene Andreasen, AnneMarie Brüel, Jesper Skovhus Thomsen, Jens Lassen, Shengxian Tu, Hans Erik Boetker, Evald Christiansen, Niels Holm, Department of Cardiology, Aarhus University Hospital, Skejby, Aarhus N, Denmark

159 - Multivessel PCI for Stemi During Index Hospitalization Compared to Infarct-Related Artery PCI: A Meta-Analysis of Randomized Trials

Ramez S. Nairooz, Ahmed Almomani, Partha Sardar, Luke Kim, Rajesh Swaminathan, Dmitriy Feldman, University of Arkansas for Medical Sciences, Little Rock, AR, USA



160 - Short and Long Term Outcomes of Percutaneous Coronary Intervention Versus Coronary Artery Bypass Grafting in Older (>70 Years) Patients With Unprotected Left Main Coronary Artery Disease in the Era of Drug Eluting Stents

Mahin Khan, Waleed Kayani, Razvan Dadu, Salim Virani, Ihab Hamzeh, Hani Jneid, Mahboob Alam, Mostafa El-Refai, Nasser Lakkis, Baylor College of Medicine, Houston, TX, USA

161 - Revascularization Strategies for Patients With Multiple Vessel Disease and Unprotected Left Main With a Cobalt-Chromium Rapamycin Eluting Stent: Two Years Results From ERACI IV Registry

Alfredo Matias Rodriguez-Granillo, Carlos Haiek, Ignacio Rifourcat, Raul Solernó, Miguel Larribau, Carlos Fernandez-Pereira, Juan Mieres, Omar Santaera, Antonio Pocovi, Ricardo Sarmiento, Alfredo Rodriguez, Centro de Estudios en Cardiología Intervencionista, Buenos Aires, Argentina

162 - The Impact of PRAMI Trial on Interventional Practice in ST-Segment Elevation Myocardial Infarction in a University Hospital

Momina Fatima Yazdani, Chris Sawh, Shabnam Rashid, Julian Gunn, James Richardson, Sheffield Teaching Hospitals, Sheffield, United Kingdom

163 - Staged Approach to Coronary Hybrid Coronary Revascularization in 515 Consecutive Patients

Francis P. Sutter, MaryAnn Wertan, Paul Coady, Marwan Badri, Christina M. Spino, Frank McGeehin, III, Amid Khan, Eric Gnall, Timothy Shapiro, Lankenau Medical Center, Philadelphia, PA, USA

164 - Jailed Polymer Jacketed Guide Wire Predicts Procedural Myocardial Infarction After Bifurcation Coronary Intervention

Jeremy White, Arka Chatterjee, Navkarabir Bajaj, Massoud Leesar, University of Alabama at Birmingham, Birmingham, AL, USA

165 - Clinical Outcomes After Single Cross-Over Bioresorbable Scaffold Implantation With or Without Side Branch Struts Dilatation

Akihito Tanaka, Richard Jabbour, Hiroyoshi Kawamoto, Alaide Chieffo, Mauro Carlino, Matteo Montorfano, Azeem Latib, Antonio Colombo, San Raffaele Scientific Institute, Milan, Italy, EMO-GVM Centro Cuore Columbus, Milan, Italy

166 - Contemporary Outcomes of Emergent Unprotected Left Main Artery Stenting: Insights From Blue Cross Blue Shield of Michigan Cardiovascular Collaborative (BMC2)

Marta Bände, Milan Seth, Cindy Grines, Stanley Chetcuti, Hitinder Gurm, University of Michigan, Ann Arbor, MI, USA, Istituto Clinico Sant' Ambrogio, Milano, Italy

### ACC.i2 Interventional Cardiology - Moderated Poster Contributions Session #1125M

#### ACC.i2 Aortic and Mitral Disease, a.m.I: Innovation, Outcomes, and Practice

Saturday, April 2, 2016, 10 a.m. - 12 p.m.

ACC.i2 Interventional Cardiology Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 2 /CNE Hours: 2

10:00 a.m.

Pharmacodynamic and Pharmacokinetic Profiles of Prasugrel in Patients With ST-Segment Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention: A Randomized Comparison of Standard Versus Crushed Formulation - The CRUSH Study

Fabiana Rollini, Francesco Franchi, Jenny Hu, Megha Kureti, Niti Aggarwal, Ashwin Durairaj, Yongwhi Park, Michael Seawell, Pedro Cox-Alomar, Martin Zenni, Luis A. Guzman, Siva Suryadevara, Patrick Antoun, Theodore Bass, Dominick Angiolillo, University of Florida College of Medicine-Jacksonville, Jacksonville, FL, USA

10:10 a.m.

Question and Answer

10:15 a.m.

Pulmonary Hypertension Is Associated With Worse TAVR Outcomes Independent of COPD: Report From the TVT Registry

Creighton W. Don, Adam Johnson, Amanda Stebbins, Sreekanth Vemulapalli, Roland Matsouaka, Chris Burke, Steve Le, Edward Verrier, Larry Dean, Mark Reisman, Gabriel Aldea, University of Washington, Seattle, WA, USA

10:25 a.m.

Question and Answer

10:30 a.m.

TAVR Age Paradox: The Oldest Patients Have Better Than Expected Outcomes in the PARTNER Study

Creighton W. Don, Adam Johnson, Chris Burke, Ashley Lowry, Jeevanantham Rajeswaran, Vinod Thourani, Martin Leon, Edward Verrier, Susheel Kodali, Raj Makkar, Howard Herrmann, Samir Kapadia, Augusto Pichard, Larry Dean, James McCabe, Gabriel Aldea, Mark Reisman, University of Washington, Seattle, WA, USA

10:40 a.m.

Question and Answer

10:45 a.m.

Major Vascular Complications in Patients Undergoing Transfemoral Transcatheter Aortic Valve Replacement With Bivalirudin or Unfractionated Heparin: From the Effect of Bivalirudin on Aortic Valve Intervention Outcomes (BRAVO) Trial

Christian Hengstenberg, Gennaro Giustino, Thierry Lefevre, Christian Kupatt, Ulrich Schaefer, Nicolas Dumonteil, Stephan Windecker, Jurrien Ten Berg, David Hildick-Smith, Peter Boekstegers, Axel Linke, Roxana Mehran, Oliver Husser, Efthymios Deliargyris, Debra Bernstein, Prodromos Anthonopoulos, George Dangas, Deutsches Herzzentrum München, Munich, Germany

10:55 a.m.

Question and Answer

11:00 a.m.

Early Recovery of Left Ventricular Ejection Fraction After CoreValve TAVR: Findings From the CoreValve Pivotal Trials

Harold Dauerman, Michael Reardon, Jeffrey Popma, Stephen Little, Joao Cavalcante, David Adams, Neal Kleiman, Jae Oh, University of Vermont Medical Center, Burlington, VT, USA, Mayo Clinic, Rochester, MN, USA

11:10 a.m.

Question and Answer

11:15 a.m.

Contemporary Management of Aortic Stenosis in the United States: Insight From the Nationwide Inpatient Sample

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

11:25 a.m.

Question and Answer

11:30 a.m.

3-D Printing of Biological Tissue-Mimicking Aortic Root Using a Novel Meta-Material Technique: Potential Clinical Applications

Zhen Qian, Kan Wang, Yung-Hang Chang, Chuck Zhang, Ben Wang, Vivek Rajagopal, Christopher Meduri, James Kauten, Venkateshwar Polsani, Xiao Zhou, Randolph Martin, Helene Houle, Mani Vannan, Tomamaso Mansi, Piedmont Heart Institute, Atlanta, GA, USA

11:40 a.m.

Question and Answer



11:45 a.m.

Frailty Assessment in Older Adults Undergoing Transcatheter or Surgical Aortic Valve Replacement: The Frailty-AVR Study  
Jonathan Afilalo, Sandra Lauck, Dae Hyun Kim, Thierry Lefèvre, Nicolo Piazza, Kevin Lachapelle, Giuseppe Martucci, Andre Lamy, Marino Labinaz, Mark Peterson, Rakesh Arora, Nicolas Noiseux, Andrew Rassi, Igor Palacios, Philippe Généreux, Brian Lindman, Anita Asgar, Caroline Kim, Amanda Trnkus, Jose Morais, Yves Langlois, Lawrence Rudski, Jeffrey Popma, John Webb, Louis Perrault, Jewish General Hospital, McGill University, Montreal, Canada

11:55 a.m.

Question and Answer

ACC Poster Moderator: Raoul Bonan

ACC Poster Moderator: Susheel K. Kodali

### ACC.i2 Interventional Cardiology - Live Cases

#### Session #201

**ACC.i2 Live Case Session I: Structural Transmission from University of Washington Medical Center, Seattle**

Saturday, April 2, 2016, 12:15 p.m. - 1:45 p.m.

Main Tent (North Hall B1)

CME Hours: 1.5 /CNE Hours: 1.5

12:15 p.m.

Live Case Operator  
William L. Lombardi  
Bellingham, WA

12:15 p.m.

Live Case Operator  
Mark Reisman  
Seattle, WA

Co-Chair: Michael J. Mack

Co-Chair: Charanjit S. Rihal

Panelist: Paul A. Grayburn

Panelist: James Bernard Hermiller

Panelist: Saibal Kar

Panelist: Francesco Maisano

Panelist: Brian K. Whisenant

### ACC.i2 Interventional Cardiology - International Session

#### Session #503

**Aortic and Mitral Valves - Pathology and Intervention: International Perspectives From the Spanish Society of Cardiology, Colombian Society of Cardiology, and American College of Cardiology**

Saturday, April 2, 2016, 12:15 p.m. - 1:45 p.m.

Room N427ab

CME Hours: 1.5 /CNE Hours: 0

Co-Chair: E. Murat Tuzcu

Co-Chair: Andres Iniguez Romo

Co-Chair: Gustavo Restrepo Molina

12:15 p.m.

Introduction to Session  
E. Murat Tuzcu

12:20 p.m.

The Role of Global Registries  
David R. Holmes  
Rochester, MN

12:31 p.m.

TAVI: The New Gold Standard for Severe Aortic Stenosis  
Cesar Moris de la Tassa  
Oviedo, Spain

12:42 p.m.

Novel Alternative Vascular Access for TAVR  
Antonio E. Dager  
Cali, Colombia

12:53 p.m.

Understanding Value-Based Healthcare: The Example of TAVI  
Pedro Luis Sanchez  
Madrid, Spain

1:04 p.m.

Pioneer Implementation of Mitraclip in Colombia  
Luis Miguel Benitez  
Cali, Colombia

1:15 p.m.

Discussion

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #613

**Picking the Appropriate Patient and Device for TAVR**

Saturday, April 2, 2016, 12:15 p.m. - 1:45 p.m.

Room S101

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: A. Pieter Kappetein

Co-Chair: Duane S. Pinto

Panelist: Hersh Maniar

Panelist: Kreton Mavromatis

Panelist: Carlos Mestres Arab Emirates

Panelist: Vivek Rajagopal

12:15 p.m.

The Right Device for the Right Person: How to Choose?  
John G. Webb  
Vancouver, Canada

12:27 p.m.

TAVR for a Degenerated Bioprosthetic Aortic Valve: How to Choose the TAVR Valve  
Danny Dvir  
Vancouver, Canada

12:39 p.m.

When Not to Perform a TAVR: Frailty and Futility  
Suzanne Arnold  
Kansas City, MO

12:51 p.m.

Post TAVR Pathway and Nursing Considerations  
Patricia Keegan  
Atlanta, GA

1:01 p.m.

Severe Renal Disease and TAVR  
Alan Zajarias  
Saint Louis, MO

1:11 p.m.

Lessons Learned From the TVT Registry  
David R. Holmes  
Rochester, MN



1:23 p.m.  
When Is BAV Appropriate Prior to TAVR  
Vasilis C. Babaliaros  
Atlanta, GA

1:33 p.m.  
Panel Discussion

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #614

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

Saturday, April 2, 2016, 12:15 p.m. - 1:45 p.m.

Room S103ab

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Sarah Clarke  
Co-Chair: Jacqueline Gamberdella

12:15 p.m.  
Case Presentation: Completeness of Revascularization... Is It Necessary? Case Based Options for Treating Complex Coronary Disease  
Nicholas N. Hanna

12:27 p.m.  
Case Discussant: Completeness of Revascularization... Is It Necessary? Case Based Options for Treating Complex Coronary Disease  
Philippe Genereux  
New York, NY

12:27 p.m.  
Case Discussant: Completeness of Revascularization... Is It Necessary? Case Based Options for Treating Complex Coronary Disease  
William Fuller Fearon  
Stanford, CA

12:35 p.m.  
Do Mobile Technologies or Big Data Hold the Key to the Future in Cardiology?  
Alan C. Yeung  
Palo Alto, CA

12:50 p.m.  
CLI Treatment: Endovascular Versus Surgical Solutions (Endovascular)  
Jaafer Golzar  
Chicago, IL

1:00 p.m.  
CLI Treatment: Endovascular Versus Surgical Solutions (Vascular Surgery)  
Jeffrey Indes  
New Haven, CT

1:10 p.m.  
Question and Answer

1:15 p.m.  
Case Presentation: ISR Management- DEB/Brachy/Stent  
Nicholas N. Hanna  
La Jolla, CA

1:20 p.m.  
Case Discussant: ISR Management- DEB/Brachy/Stent  
Robert Attaran  
New Haven, CA

1:20 p.m.  
Case Presentation: ISR Management- DEB/Brachy/Stent  
Jeffrey J. Cavendish  
San Diego, CA

1:30 p.m.  
Acute Stroke Management  
Brenda Mann  
La Jolla, CA

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #615

#### Complex Higher-Risk (and Indicated) Patients: How to Treat From A to Z

Saturday, April 2, 2016, 12:15 p.m. - 1:45 p.m.

Room S103cd

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Ajay J. Kirtane  
Co-Chair: Kimberly A. Skelding

12:15 p.m.  
Focusing Revascularization Upon Higher Risk Patients: The CHIP Premise  
Ajay J. Kirtane

12:25 p.m.  
High-Risk PCI in an Era of Public Reporting: Risks and Benefits  
Robert W. Yeh  
Boston, MA

12:35 p.m.  
Left Main/Multivessel Revascularization: How to Do It Reliably and Durably  
David E. Kandzari  
Atlanta, GA

12:45 p.m.  
CTO Revascularization: A Synthesis of the Modern Approach  
James Spratt  
Edinburgh, United Kingdom

12:55 p.m.  
Atherectomy Devices and Techniques  
Jeffrey W. Moses  
New York, NY

1:05 p.m.  
Nasty Lesions: A Potpourri on Diffuse Disease, Small Vessels, Bifurcations, and Beyond  
Cindy L. Grines  
Detroit, MI

1:15 p.m.  
Recurrent DES Restenosis  
Thomas J. Povsic  
Chapel Hill, NC

1:25 p.m.  
Hemodynamic Support During High-Risk PCI  
Adhir R. Shroff  
Chicago, IL

1:35 p.m.  
Putting It All Together: Representative CHIP Cases  
Ajay J. Kirtane  
New York, NY





### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #616

#### Quality in the Cath Lab and Public Reporting: Friends or Foes

Saturday, April 2, 2016, 12:15 p.m. - 1:45 p.m.

Room S104

CME Hours: 1.5 /CNE Hours: 1.5

ACC Co-Chair: Charles E. Chambers

ACC Co-Chair: Frederick A. Masoudi

12:15 p.m.

Setting up a Quality Program in the Cath Lab

Charles E. Chambers

12:30 p.m.

Making Your NCDR Data Work for You

John S. Rumsfeld

Denver, CO

12:45 p.m.

The World of Public Reporting and the NCDR Response

Gregory J. Dehmer

Temple, TX

1:00 p.m.

Public Reporting: The STS Experience

David M. Shahian

Sudbury, MA

1:10 p.m.

Public Reporting: The MASSDAC Experience

Frederic S. Resnic

Burlington, MA

1:20 p.m.

The Release of Medicare Data: Right to Know Versus Confusing Data

Patrick T. O'Gara

Boston, MA

1:32 p.m.

Question and Answer

### ACC.i2 Interventional Cardiology - Poster Contributions

#### Session #1141

#### Aortic Valve Disease: General and Clinical Outcomes

Saturday, April 2, 2016, 1:30 p.m. - 4:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

109 - Transcatheter Aortic Valve Implantation With Sapien XT or Sapien 3

Prostheses in Bicuspid Aortic Valve Disease

Hiroyuki Kawamori, Yoshio Maeno, Yigal Abramowitz, Nobuyuki Takahashi,

Yoshio Kazuno, Mohammad Kashif, Tarun Chakravarty, Wen Cheng, Raj

Makkar, Hasan Jilaihawi, Cedars-Sinai Heart Institute, Los Angeles, CA, USA

110 - Multislice Computed Tomography Imaging of Trans-Catheter Aortic

Valve Implantation in Different Bicuspid Aortic Valve Anatomies

Hiroyuki Kawamori, Yoshio Maeno, Yigal Abramowitz, Nobuyuki Takahashi,

Yoshio Kazuno, Mohammad Kashif, Tarun Chakravarty, Wen Cheng, Raj

Makkar, Hasan Jilaihawi, Cedars Sinai Heart Institute, Los Angeles, CA, USA

111 - Feasibility and Safety of Sapien 3 Transcatheter Aortic Valve

Implantation With Moderate or No Predilatation

Yigal Abramowitz, Hasan Jilaihawi, Tarun Chakravarty, Geeteshwar Mangat,

Yoshio Maeno, Yoshio Kazuno, Nobuyuki Takahashi, Hiroyuki Kawamori,

Mamoo Nakamura, Wen Cheng, Raj Makkar, Cedars-Sinai Medical Center,

Los Angeles, CA, USA

112 - Conductance Catheter Derived Right Ventricular Diastolic Dysfunction Is Evident After Rapid Pacing Test Capture Prior to Transcatheter Aortic Valve Replacement

Richard Graham Axell, Paul White, Bushra Rana, Andrew Klein, Michael O'Sullivan, Leonard Shapiro, Cameron Densem, Stephen Hoole, Cambridge University Hospitals NHS Foundation Trust, Cambridge, United Kingdom, Papworth Hospital NHS Foundation Trust, Papworth Everard, United Kingdom

114 - CoreValve Continued Access Study Shows Continued Improvement in 1-Year Outcomes With Self-Expanding Transcatheter Aortic Valve Replacement

Steven J. Yakubov, Daniel Watson, Michael Reardon, G. Michael Deeb, James Hermiller, Jeffrey Popma, David Adams, Riverside Methodist Hospital, Columbus, OH, USA

115 - Outcomes in the CoreValve US High-Risk Pivotal Trial in Patients With a Society of Thoracic Surgeons Predicted Risk of Mortality Less Than or Equal to 7

Michael J. Reardon, David Adams, Neal Kleiman, G. Michael Deeb, Steven Yakubov, George Zorn, Jeffrey Popma, Houston Methodist DeBakey Heart & Vascular Center, Houston, TX, USA

117 - The Long Term Durability of Edwards SAPIEN Transcatheter Aortic Valves: A Histopathology Study

Kazuyuki Yahagi, Christoph Lutter, Michelle Olson, Robert Kutys, Renu Virmani, Elena Ladich, CVPath Institute, Inc., Gaithersburg, MD, USA

118 - Transcatheter Aortic Valve Replacement Is Associated With Fewer Hospital Days: A Report From the STS/ACC TVT Registry

David R. Holmes, Sreekanth Vemulapalli, Dadi (David) Dai, Michael Mack, Mayo Clinic, Rochester, MN, USA, Duke Clinical Research Institute, Durham, NC, USA

119 - Aortic Valve Gradient and Clinical Outcome in Patients Undergoing Transcatheter Aortic Valve Replacement for Severe Aortic Stenosis

Guy Witberg, Alon Barsheshet, Hana Vaknin-Assa, Abid Assali, Yaron Shapira, Tuvya Ben-Gal, Alik Sagie, Ran Kornowski, Rabin Medical Center, Petach Tikva, Israel, Tel Aviv University, Tel Aviv, Israel

120 - Correlation of CoreValve Implantation 'True Cover Index' With Short and Mid-Term Aortic Regurgitation: Implantation Depth Really Matters

Manolis Vavuranakis, Konstantinos Kalogeras, Myrsini Stasinopoulou, Mary Lavda, Abgelos-Michail Kolokathis, Dimitrios Vrachatis, Maria Kariori, Carmen Moldovan, Evangelia Bei, Sophia Vaina, Gerasimos Siasos, Evangelos Oikonomou, Dimitris Tousoulis, 1st Department of Cardiology, University of Athens, Hippokrateion Hospital, Athens, Greece, Radiology Department, 'Agios Savvas' Cancer Hospital, Athens, Greece

121 - Patterns and Predictors of Stroke Volume Change With Transcatheter Aortic Valve Replacement for Low-Gradient Aortic Stenosis and Normal Ejection Fraction

Paul Sorajja, Aisha Ahmed, Richard Bae, John Lesser, Wesley Pedersen, Lisa Tindell, Kevin Harris, Robert Farivar, Center for Valve and Structural Heart Disease, Minneapolis Heart Institute Foundation, Minneapolis, MN, USA

122 - Benefit of Guideline Adherence for Serial Evaluations in Patients With Severe Aortic Stenosis

Paul Sorajja, Christopher Han, Robert Farivar, Richard Bae, John Lesser, Wesley Pedersen, Desmond Jay, Lisa Tindell, Craig Strauss, Kevin Harris, Center for Valve and Structural Heart Disease, Minneapolis Heart Institute Foundation, Minneapolis, MN, USA

123 - Hemodynamic Performance of Transcatheter Heart Valves With Supra-Annular or Intra-Annular Position for Transcatheter Aortic Valve-in-Valve Implantation

Miriam Silaschi, Olaf Wendler, Moritz Seiffert, Liesa Castro, Niklas Schofer, Anna Fink, Hermann Reichenspurner, Stefan Blankenberg, Philip MacCarthy, Ulrich Schaefer, Lenard Conradi, King's College Hospital, London, United Kingdom, University Heart Center Hamburg, Hamburg, Germany



124 - Local Delivery of Bisphosphonates Results in an Attenuation of Calcification in an Experimental Model of Aortic Stenosis  
Andreas Synetos, Konstantinos Toutouzias, Maria Drakopoulou, Georgios Benetos, Giorgos Peskasis, George Agrogiannis, George Latsios, Apostolos Papalois, Angelos Papanikolaou, Eleftherios Tsiamis, Dimitris Tousoulis, First Department of Cardiology, Hippokraton Hospital, Athens Medical School, Athens, Greece, Athens, Greece, Experimental-Research Center, ELPEN, Athens, Athens, Greece

125 - Utilization and Outcomes of Balloon Aortic Valvuloplasty in the Era of Transcatheter Aortic Valve Replacement  
Chad J. Zack, Mohamad Alkhouli, Mohammad Sarraf, Elad Maor, Charanjit Rihal, Mayo Clinic, Rochester, MN, USA

127 - Patterns of Cognitive Function Improvement Following Transcatheter Aortic Valve Implantation  
Thomas A. Haldis, Jaclyn Reckow, Lindsay Hines, Rishi Seth, Steven Mitchell, Natalie Spitzer, Roxanne Newman, Matthew Wiisanen, Cornelius Dyke, Sanford, Fargo, ND, USA, University of North Dakota, Grand Forks, ND, USA

128 - Clinical Outcomes of a Second-Generation, Self-Expanding TAVR System: A Single-Center Experience  
Dimytri A. Siqueira, Alexandre Abizaid, Auristela Ramos, Andréia Jeronimo, David Le Bihan, Rodrigo B. Barreto, Antonio Kambara, Magaly Santos, Ibraim Pinto, Laura Brenton, Helge Moellmann, Amanda Sousa, J. Eduardo Sousa, Dante Pazzanese Institute of Cardiology, São Paulo, Brazil

129 - Bicuspid Aortic Valve Stenosis: Improved Outcomes With a Next Generation Transcatheter Heart Valve in a Multi-Center Study  
Gidon Perlman, Philipp Blanke, Danny Dvir, Gregor Pache, Thomas Modine, Marco Barbanti, Erik W. Holy, Hendrik Treede, Philipp Ruile, Franz-Josef Neumann, Caterina Gandolfo, Francesco Saia, Corrado Tamburino, George Mak, Christopher Thompson, David Wood, Jonathon Leipsic, John Webb, St Paul's Hospital, Vancouver, Canada

130 - Durability of Quality of Life Benefits of Transcatheter Aortic Valve Replacement in Patients With Aortic Stenosis at Extreme Surgical Risk: Long-Term Results From the CoreValve US Extreme Risk Study  
Suzanne Baron, Suzanne Arnold, Matthew Reynolds, Kaijun Wang, G. Michael Deeb, Michael Reardon, James Hermiller, Steven Yakubov, David Adams, Jeffrey Popma, David Cohen, St. Luke's Mid America Heart Institute, Kansas City, MO, USA

131 - Electrocardiography and Electrophysiology Studies Before and After Transcatheter Aortic Valve Replacement as Tools to Decide Permanent Pacemaker Implantation and Patient's Monitoring  
Caroline Chong-Nguyen, Nicolas Badenco, Carole Maupain, Olivier Barthélémy, Rémi Choussat, Pascal Leprince, Françoise Hidden-Lucet, Robert Frank, Jean-Philippe Collet, Cardiology Institute, La Pitié Salpêtrière Hospital, Paris, France

132 - Clinical and Economic Outcomes in a Real-World Population of Medicare Patients Receiving Aortic Valve Replacement via Transcatheter or Surgical Approaches  
Seth Joseph Clancy, Alex Froimovich, Edwards Lifesciences, Irvine, CA, USA

### ACC.i2 Interventional Cardiology - Poster Contributions

#### Session #1142

#### PCI Chronic Total Occlusion

Saturday, April 2, 2016, 1:30 p.m. - 4:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

133 - Application and Outcomes of the Hybrid Approach to Chronic Total Occlusion Percutaneous Coronary Intervention: An Update From a Contemporary Multicenter US Registry  
Aris Karatasakis, Dimitrios Karpaliotis, Khaldoon Alaswad, Farouc Jaffer, Robert Yeh, Ray Wyman, William Lombardi, James Grantham, David

Kandzari, Nicholas Lembo, Anthony Doing, Mitul Patel, John Bahadorani, Jeffrey Moses, Ajay Kirtane, Manish Parikh, Sanjog Kalra, Barbara Danek, Judit Karacsonyi, Phuong-Khanh Nguyen-Trong, Bavana Rangan, Michele Roesle, Craig Thompson, Subhash Banerjee, Emmanouil Brilakis, University of Texas Southwestern, Dallas, TX, USA, VA North Texas Healthcare System, Dallas, TX, USA

134 - Outcomes With Use of the Retrograde Approach for Coronary Chronic Total Occlusion Interventions in a Contemporary Multicenter US Registry  
Aris Karatasakis, Dimitrios Karpaliotis, Khaldoon Alaswad, Farouc Jaffer, Robert Yeh, Ray Wyman, William Lombardi, James Grantham, David Kandzari, Nicholas Lembo, Anthony Doing, Mitul Patel, John Bahadorani, Jeffrey Moses, Ajay Kirtane, Manish Parikh, Sanjog Kalra, Phuong-Khanh Nguyen-Trong, Judit Karacsonyi, Bavana Rangan, Michele Roesle, Barbara Danek, Craig Thompson, Subhash Banerjee, Emmanouil Brilakis, University of Texas Southwestern, Dallas, TX, USA, VA North Texas Healthcare System, Dallas, TX, USA

135 - Eight-Year Clinical Outcome of Sirolimus-Eluting Stent Implantation for Chronic Total Occlusion Lesions Compared With Non-Chronic Total Occlusion Lesions  
Mizuki Miura, Shoichi Kuramitsu, Hiroyuki Jinnouchi, Takashi Hiromasa, Hisaki Masuda, Yuhei Yamaji, Yukiko Matsumura, Yoshimitsu Soga, Shinichi Shirai, Kenji Ando, Kokura Memorial Hospital, Kitakyushu, Japan

136 - Combined Angiography and Computed Tomography System as a Novel Imaging Modality to Improve Antegrade Revascularization of Chronic Total Occlusions  
Patrick T. Siegrist, Satoru Sumitsuji, Kensuke Yokoi, Youssef Kamel, Masaki Awata, Keita Yamasaki, Koichi Tachibana, Osamu Yamaguchi, Yasushi Sakata, Osaka University Graduate School of Medicine, Suita, Japan

137 - Coronary Computed Tomography Angiography for the Detection of Chronic Total Occlusion  
Swetha Kambhampati, David Thiemann, Barbara Heil, Jon Resar, Bibhu Mohanty, Johns Hopkins Hospital, Baltimore, MD, USA

139 - Factors Associated With High Patient Radiation Dose During Chronic Total Occlusion Percutaneous Coronary Intervention: Insights From a Contemporary Multicenter Registry  
Georgios Christakopoulos, Georgios Christopoulos, Dimitrios Karpaliotis, Khaldoon Alaswad, Robert Yeh, Farouc Jaffer, R. Michael Wyman, William Lombardi, Muhammad Nauman Tarar, Aaron Grantham, David Kandzari, Nicholas Lembo, Jeffrey Moses, Ajay Kirtane, Manish Parikh, Phillip Green, Matthew Finn, Santiago Garcia, Anthony Doing, Craig A. Thompson, Subhash Banerjee, Emmanouil Brilakis, UT Southwestern Medical Center, Dallas, TX, USA, Dallas VA Medical Center, Dallas, TX, USA

140 - Assessment of Left Ventricular Function After Percutaneous Coronary Intervention of Chronic Total Occluded Coronary Artery by Speckle Tracking and Cardiac Magnetic Resonance  
Elena Rodríguez González, Susana Mingo, Vanesa Belen Monivas Palomero, Jesús González Mirelis, Josebe Goirigolzarri Artaza, Blanca Zorita Gil, Jose Antonio Fernandez Diaz, María Alejandra Restrepo Córdoba, Jorge Vázquez López-Ibor, Javier Goicolea Ruigomez, Puerta de Hierro University Hospital, Majadahonda, Spain

141 - Two Distinct Histological Features of Chronic Total Occlusion in Human Coronary Artery: An Autopsy Study  
Hiroyuki Hao, Akiko Fujino, Rika Kawakami, Seiichi Hirota, Department of Surgical Pathology, Hyogo College of Medicine, Nishinomiya, Japan

142 - Prevalence of Ischemia in Patients With a Chronic Total Occlusion and Preserved Left Ventricular Ejection Fraction  
Wijnand Stuijtzand, Roel Driessen, Pieter Raijmakers, Mischa Rijniere, Maurits Hollander, Adriaan Lammertsma, Albert van Rossum, Alexander Nap, Niels Van Royen, Paul Knaapen, VU University Medical Center, Amsterdam, The Netherlands



143 - In-Hospital Outcomes of the Hybrid Algorithm for Chronic Total Occlusions: The RECHARGE Registry

Joren Maeremans, Alexandre Avran, Paul Knaapen, Simon Walsh, Colm Hanratty, Benjamin Faurie, Pierfrancesco Agostoni, James Spratt, Erwan Bressollette, Peter Kayaert, J. Dens, Universiteit Hasselt, Hasselt, Belgium, Ziekenhuis Oost-Limburg, Genk, Belgium

144 - Impact of Age on Outcomes of Percutaneous Coronary Intervention in Chronic Total Occlusions: Insights From a Multicenter US Registry

Rahel Iwnetu, Aris Karatasakis, Barbara Danek, Dimitrios Karpaliotis, Khaldoon Alaswad, Farouc Jaffer, Robert Yeh, William Lombardi, Ray Wyman, James Grantham, David Kandzari, Nicholas Lembo, Anthony Doing, Mitul Patel, John Bahadorani, Jeffrey Moses, Ajay Kirtane, Manish Parikh, Matthew Finn, Phuong-Khanh Nguyen-Trong, Bavana Rangan, Philip Green, Craig Thompson, Subhash Banerjee, Emmanouil Brilakis, VA North Texas Healthcare System, Dallas, TX, USA

145 - Pathology of In-sSent Chronic Total Occlusion: Implications for Revascularization

Hiro Yoshi Mori, Tobias Koppara, Christoph Lutter, Kazuyuki Yahagi, Emanuel Harari, Robert Kutys, Elena Ladich, Frank Kolodgie, Renu Virmani, Michael Joner, CVPPath Institute, Gaithersburg, MD, USA

146 - Physiological Assessment of Ischemia Using Fractional Flow Reserve in Coronary Chronic Total Occlusions

Vincent Varghese, Jon George, Judd Salamat, Deborah Heart and Lung Center, Browns Mills, NJ, USA

147 - Prevalence, Indications and Management of Balloon Uncrossable Chronic Total Occlusions: Insights From a Contemporary Multicenter US Registry

Judit Karacsonyi, Aris Karatasakis, Dimitrios Karpaliotis, Khaldoon Alaswad, Robert Yeh, Farouc Jaffer, R. Michael Wyman, William Lombardi, Aaron Grantham, David Kandzari, Nicholas Lembo, Jeffrey Moses, Ajay Kirtane, Manish Parikh, Santiago Garcia, Anthony Doing, Mitul Patel, John Bahadorani, Erica Resendes, Barbara Anna Danek, Bavana Rangan, Imre Ungi, Craig Thompson, Subhash Banerjee, Emmanouil Brilakis, VA North Texas Healthcare System and UT Southwestern Medical Center, Dallas, TX, USA, Division of Invasive Cardiology, University of Szeged, Szeged, Hungary

148 - Prior Failure Does Not Have Significant Impact on Procedural Outcomes of Chronic Total Occlusion Percutaneous Coronary Intervention: Insights From a Contemporary Multicenter Registry

Judit Karacsonyi, Aris Karatasakis, Dimitri Karpaliotis, Khaldoon Alaswad, Robert Yeh, Farouc Jaffer, R. Michael Wyman, William Lombardi, Aaron Grantham, David Kandzari, Nicholas Lembo, Jeffrey Moses, Ajay Kirtane, Manish Parikh, Santiago Garcia, Anthony Doing, Mitul Patel, John Bahadorani, Jose Roberto Martinez Parachini, Erica Resendes, Bavana Rangan, Imre Ungi, Craig Thompson, Subhash Banerjee, Emmanouil Brilakis, VA North Texas Healthcare System and UT Southwestern Medical Center, Dallas, TX, USA, Division of Invasive Cardiology, University of Szeged, Szeged, Hungary

### ACC.i2 Interventional Cardiology - Poster Contributions

#### Session #1143

#### ACC.i2 Interventional Cardiology: Translation and Pre-Clinical Research

Saturday, April 2, 2016, 1:30 p.m. - 4:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

149 - Inhibition of Aortic Valve Calcification in an Experimental Model of Aortic Valve Stenosis

Andreas Synetos, Konstantinos Toutouzias, Maria Drakopoulou, Odysseas Kaitozis, George Latsios, Apostolos Papalois, Georgios Benetos, Eleftherios Tsiamis, George Agogiannis, Angelos Papanikolaou, Eustratios Patsouris, Dimitris Tousoulis, First Department of Cardiology, Hippokraton Hospital,

Athens Medical School, Athens, Greece, Athens, Greece, Experimental-Research Center, ELPEN, Athens, Athens, Greece

150 - Cardiac microRNA Expression and Release Are Regulated During Early Reperfusion in an Isolated Rat Heart Model of Donation After Circulatory Death

Stéphanie Lecaudé, Albert Dashi, Samuel Buntschu, Maris Bartkevics, Veronika Mathys, Emilie Farine, Petra Niederberger, Thierry P. Carrel, Sarah L. Longnus, Hendrik T. Tevæarai Stahel, Clinic of Cardiovascular Surgery, Inselspital, Bern University Hospital, University of Bern, Bern, Switzerland

151 - Difference in Hemodynamic Micro Environment in Vessels Scaffolded With Absorb BVS or Mirage BRMS: A Pre-Clinical Study of Endothelial Shear Stress

Erhan Tenekecioglu, Ryo Torii, Christos Bourantas, Rafael Cavalcante, Yaping Zeng, Hiroki Tateishi, Pannipa Suwannasom, Daniel Chamie, Ricardo Costa, Yoshinobu Onuma, Mustafa Yilmaz, Alexandre Abizaid, Teguh Santoso, Patrick Serruys, Erasmus MC, Rotterdam, The Netherlands, Cardiovascular Research Center, Sao Paulo, Brazil

152 - Enhanced Regenerative Effect of Cardiosphere-Derived Cells by Pre-Treatment With Paracrine Factor Aposec in Porcine Closed-Chest Reperused Myocardial Infarction Probed by Quantitative Cardiac 18F-FDG-PET-MRI

Mariann Gyongyosi, Johannes Winkler, Hendrix Ankersmit, Julia Mester-Tonczar, Andras Jakab, Katrin Zlabinger, Dominika Lukovic, Alfred Gugerell, Noemi Pavo, Georg Goliash, James Dawkins, Eduardo Marban, Medical University of Vienna, Vienna, Austria, Cedars-Sinai Heart Institute, Los Angeles, CA, USA

153 - A Highly Selective PPAR $\alpha$  Agonist K-877 Suppresses Neointima Formation Following Coronary Stenting in Swine

Hiroshi Iwata, Eric Osborn, Giovanni Ughi, Kentaro Murakami, Claudia Goettsch, Joshua Hutcheson, Adam Mauskopf, Peter Mattson, Peter Libby, Elena Aikawa, Guillermo Tearney, Masanori Aikawa, Farouc Jaffer, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA, Massachusetts General Hospital, Harvard Medical School, Boston, MA, USA

154 - Intracoronary Administration of Microencapsulated Insulin-Like Growth Factor 1 Improves Cardiac Function in a Swine Model of Acute Myocardial Infarction

Veronica Crisostomo, Claudia Baez-Diaz, Virginia Blanco, Juan Maestre, Teresa Mangas, Itziar Palacios, Rob Steendam, Christine Hiemstra, Okke Franssen, Francisco Sanchez, Jesus Uson Minimally Invasive Surgery Centre, Caceres, Spain

155 - The Impact of Intramyocardial Mesenchymal Stem Cell Injection According to Scar Size for the Treatment of Ischemic Cardiomyopathy

Makoto Natsumeda, Vicky Suncion, Wayne Balkan, Joshua Hare, University of Miami Miller School of Medicine, Miami, FL, USA

156 - Cholinesterase Gene Expression and Serum Levels Predict 6 Year Major Adverse Cardiac Events Following Coronary Angiography

Yaron Arbel, Shani Shenhar-Tsarfaty, Ilan Freidson, Ariel Finkelstein, Shlomo Berliner, Shmuel Banai, Gad Keren, Hermona Soreq, Tel Aviv Medical Center, Tel Aviv, Israel

157 - Low Dose tPA Improves Reperfusion Efficacy of Microvascular Obstruction Using Ultrasound With Microbubbles

Akash Goyal, Francois Yu, Mathea G. Tenwalde, Xucai Chen, Flordeliza Villanueva, John Pacella, University of Pittsburgh School of Medicine, Pittsburgh, PA, USA

158 - Sonoreperfusion for Microvascular Obstruction Using Ultrasound and Microbubbles: Role of Nitric Oxide

Francois T.H. Yu, Xucai Chen, Flordeliza Villanueva, John Pacella, University of Pittsburgh, Pittsburgh, PA, USA



159 - Differential Association of High-Density Lipoprotein Particle Subclasses and GlycA, a Novel Inflammatory Marker, in Predicting Cardiac Death Among Patients Undergoing Angiography: The Intermountain Heart Collaborative Study

J. Brent Muhlestein, Heidi May, Deborah Winegar, Jeffrey Rollo, Margery Connelly, James Otvos, Jeffrey Anderson, Intermountain Medical Center, Murray, UT, USA, University of Utah, Salt Lake City, UT, USA

160 - Histology Findings in a Porcine Model Demonstrated That Paclitaxel Coated Balloon Followed by Bail Out Drug Eluting Stent Implantation Was Safe and Effective

Paul Ong, Agnes SP Seah, Philip Wong, Tan Tock Seng Hospital, Singapore, Singapore, Innoheart, Singapore, Singapore

161 - Cyclodextrins Affect Positive Arterial Wall Remodeling in Atherosclerotic Injury Model

Matthew Saybolt, Saif Anwaruddin, Damir Hamamdzic, Thomas P. Schaar, Robert Wilensky, University of Pennsylvania, Philadelphia, PA, USA

162 - Tropoelastin-Bound Plasma-Activated Stents Strikingly Reduce Thrombogenicity While Simultaneously Inhibiting Neointimal Hyperplasia

Steven Wise, Miguel Santos, Praveesuda Michael, Anna Waterhouse, Juichien Hung, Anthony Weiss, Marcela Bilek, Martin Ng, The Heart Research Institute, Sydney, Australia

163 - Shorter Telomere Length Is Associated With Lower Levels of Circulating Progenitor Cells

Muhammad Hammadah, Ibhaz Al Mheid, Malik Obideen, Naser Abdelhadi, Kobina Wilmot, Ronnie Ramadan, Ayman Alkholder, Pratik M. Pimple, Shuyang Fang, Mosaab Awad, Oleksiy Levantsevych, Heval Mohamed Kelli, Yasir Bouchi, Nancy Murrah, Amit Shah, Ernest Garcia, Elizabeth Blackburn, Yan Sun, Jinying Zhao, Jue Lin, Jinhee Kim, Edmund Waller, Paolo Raggi, Viola Vaccarino, Arshed Quyyumi, Emory University School of Medicine, Atlanta, GA, USA

164 - Effect of Pre Loading With High-Dose of Rosuvastatin in Gene Expression and Serum Levels of Inflammatory Markers After PCI With Metallic Stents

Juliano R. Silhessarenko, Jose de Ribamar Costa, Alexandre Abizaid, Mario Hirata, Gisele Medeiros Bastos, Guilherme Sobreira Carvalho, Renata Dezengrini Silhessareko, Amanda Sousa, Dante Pazzanese, Sao Paulo, Brazil

165 - Safety and Feasibility of Simultaneous Translesional Blood Sampling Across Significant Coronary Artery Stenoses Using a Novel Dedicated Intracoronary Catheter

Nick E. West, Adam Brown, Stephen Hoole, Stephen Blatcher, Richard H. Owen, Joseph P. Corrigan, Papworth Hospital, Cambridge, United Kingdom, PlaqueTec Ltd, Cambridge, United Kingdom

166 - Anatomical Considerations for Renal Denervation: Peri-Arterial Nerve Size Distribution in Healthy Swine

Kazuyuki Yahagi, Colby Ganey, Hiroyoshi Mori, Tobias Koppa, Christoph Lutter, Frank Kolodgie, Elena Ladich, Michael Joner, Renu Virmani, CVPPath Institute, Inc., Gaithersburg, MD, USA

### ACC.i2 Interventional Cardiology - Poster Contributions

#### Session #1144

#### ACC.i2 Interventional Cardiology: Complex Patients/Comorbidities

Saturday, April 2, 2016, 1:30 p.m. - 4:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

167 - Baseline Syntax Score Predicts Clinical Outcome After Complete Revascularization in Patients With Multivessel Disease

Jeehoon Kang, Kyung Woo Park, Jung-Kyu Han, Han-Mo Yang, Hyun-Jae Kang, Bon-Kwon Koo, Hyo-Soo Kim, Seoul National University Hospital, Seoul, South Korea

168 - The Clinical Syntax Score Is Superior to the Syntax Score in High-Risk Patients

Jeehoon Kang, Kyung Woo Park, Jung-kyu Han, Han-Mo Yang, Hyun-Jae Kang, Bon Kwon Koo, Hyo-Soo Kim, Seoul National University Hospital, Seoul, South Korea

169 - The Prognostic Significance of Renal Disease According to Indication for Percutaneous Coronary Intervention: An Analysis of 45,288 Patients From the British Columbia Cardiac Registry

Bilal Iqbal, Imad Nadra, Michael Fryer, Lillian Ding, Anthony Fung, Eve Aymong, Albert Chan, Steven Hodge, Anthony Della Siega, Simon Robinson, Royal Jubilee Hospital, Victoria, Canada, Victoria Heart Institute, Victoria, Canada

170 - High-Dose Statin Therapy Is Effective at Preventing the Development of Contrast-Induced Nephropathy in Patients Undergoing Percutaneous Coronary Intervention for Acute Coronary Syndromes: A Meta-Analysis

Theodoros A. Zografos, Evangelos Oikonomou, Gerasimos Siasos, Konstantinos Mourouzis, Efstathios Dimitropoulos, Alexis Antonopoulos, Manolis Vavuranakis, Sotirios Tsalamandris, Aimilios Kalampogias, Vasiliki Tsigkou, Dimitris Tousoulis, Hippokrateion Hospital, Athens, Greece

171 - Angiographic and Short-Term Outcomes of Ostial Internal Mammary Artery Interventions in a Quaternary Academic Medical Center

Michael Johnson, Stephen Ellis, E. Murat Tuzcu, Samir Kapadia, Amar Krishnaswamy, Cleveland Clinic Foundation, Cleveland, OH, USA

172 - Transcatheter Versus Surgical Aortic Valve Replacement in Patients With Prior History of Chest Radiation

Akhil Parashar, Karan Sud, Karim A. Rehman, Shikhar Agarwal, Eugene Blackstone, Brian Griffin, Milind Desai, Stephanie Mick, Lars Svensson, E. Murat Tuzcu, Samir Kapadia, Amar Krishnaswamy, Cleveland Clinic Foundation, Cleveland, OH, USA

173 - Percutaneous Coronary Intervention in Native Coronary Arteries Versus Bypass Grafts in Patients With Prior Coronary Artery Bypass Graft Surgery: Insights From the Veterans Affairs Clinical Assessment Reporting and Tracking Program

Emmanouil S. Brilakis, Colin O'Donnell, William Penny, Ehrin Armstrong, Thomas Tsai, Thomas Maddox, Mary E. Plomondon, Subhash Banerjee, Sunil Rao, Santiago Garcia, Brahmajee Nallamothu, Kendrick Shunk, Kreton Mavromatis, Gary Grunwald, Deepak L. Bhatt, VA North Texas Healthcare System, Dallas, TX, USA, University of Texas Southwestern Medical Center, Dallas, TX, USA

174 - Early Invasive Coronary Strategy in Comatose Survivors of Out of Hospital Cardiac Arrest: Results From a Large Regional Cardiac Centre

Sri Raveen Kandan, Hazim Rahbi, Kieron Rooney, Matthew Thomas, Philip Cowburn, Jonathan Bengier, Andreas Baumbach, Thomas W Johnson, Julian W Strange, Bristol Heart Institute, Bristol, United Kingdom, Bristol Royal Infirmary, Bristol, United Kingdom

175 - Use of Oral Anticoagulant Therapy Among Real-World Patients Undergoing Percutaneous Coronary Intervention

Eric Alexander Secemsky, Neel Butala, Uri Kartoun, Sadiqa Mahmood, Stanley Shaw, Robert Yeh, Massachusetts General Hospital, Boston, MA, USA

176 - The Deadly Impact of Coronary Perforation in Women Undergoing PCI: Insights From BMC2

Jessica Parsh, Milan Seth, Jacqueline Green, Nadia Sutton, Simon Dixon, Paul Grossman, Akshay Khandelwal, Stanley Chetcuti, Hitinder Gurm, University of Michigan Health Systems, Ann Arbor, MI, USA



177 - Recent Trends in Hospitalization for Coronary Artery Dissection (Nationwide Inpatient Sample, 2007-2012)

Sagar Mallikethi Lepakshi Reddy, Alexandros Briasoulis, Robert Brook, Luis Afonso, Shaun Cardozo, Melvyn Rubenfire, Cindy Grines, Division of Cardiology, Detroit Medical Center, Wayne State University School of Medicine, Detroit, MI, USA, Division of Cardiology, University of Michigan Medical School, Ann Arbor, MI, USA

178 - Impact of Potent P2Y12 Inhibitor Use Versus Clopidogrel in Real-World Patients Undergoing Percutaneous Coronary Intervention: Results From a Large Single-Center Registry

Raman Sharma, Usman Baber, Melissa Aquino, Jason Kovacic, Joseph Sweeny, Pooja Vijay, Srushti Shah, George Dangas, Roxana Mehran, Annapoorna Kini, Samin Sharma, Icahn School of Medicine at Mount Sinai, New York, NY, USA

180 - Preoperative Frailty as a Predictor of Outcomes Following Transcatheter Aortic Valve Implantation: A Systematic Literature Review and Meta-Analysis

Atul Anand, Catherine Harley, Akila Visvanathan, Anoop Shah, Joanna Cowell, Alasdair MacLulich, Susan Shenkin, Nicholas Mills, Centre for Cardiovascular Science, University of Edinburgh, Edinburgh, United Kingdom

181 - Use of Clopidogrel Versus Prasugrel in Patients Undergoing Percutaneous Coronary Intervention: Factors Influencing Real-World Therapeutic Decision-Making

Olga Salianski, Usman Baber, Samantha Sartori, Melissa Aquino, Jaya Chandrasekhar, Annapoorna Kini, Sunil Rao, William Weintraub, Sandra Weiss, Timothy Henry, Samir Kapadia, Kanhaiya Poddar, Anthony DeFranco, J. Muhlestein, Catalin Toma, Mark Efron, Stuart Keller, Brian Baker, Stuart Pocock, Roxana Mehran, Icahn School of Medicine at Mount Sinai, New York, NY, USA

182 - Impact of Thrombocytopenia on Prognosis After Percutaneous Coronary Intervention

Claire E. Raphael, Daniel Spoon, Malcolm Bell, Peter J. Psaltis, Stephen Kidd, Shu Xian Loh, Ryan Lennon, Charanjit Rihal, Mandeep Singh, Rajiv Gulati, Mayo Clinic, Rochester, MN, USA

183 - Etiology, Timing and Impact of Dual Antiplatelet Therapy Discontinuation After Drug-Eluting Stent Implantation: Insights From the ADAPT-DES Study

Daniel Musikantow, Ajay Kirtane, Claire Litherland, Bernhard Witzensbichler, Giora Weisz, Michael Rinaldi, David Metzger, Timothy Henry, David Cox, Thomas Stuckey, Akiko Maehara, Philippe Genereux, Roxana Mehran, Gregg Stone, Cardiology Research Foundation, New York, NY, USA, Columbia University Medical Center, New York, NY, USA

184 - Association of Requirement for Transfusion to Cost of Care, Length of Stay and Incidence of Adverse Events in Percutaneous Left Atrial Appendage Closure

Ronak Bhimani, Badal Thakkar, Ronak G. Soni, Dipen Khanapara, Nileshkumar Patel, Parth Bhatt, Achint Patel, Apurva Badheka, St. Vincent Charity Medical Center/Case Western Reserve University, Cleveland, OH, USA, Baylor Heart and Vascular Institute/Baylor University Medical Center, Dallas, TX, USA

185 - Troponin T Pattern to Risk Stratify Patients Suspected of ST-Elevation Myocardial Infarction With Non-Significant Coronary Artery Disease

Hedvig Andersson, Frants Pedersen, Lia E. Bang, Peer Grande, Peter Clemmensen, Lene Holmvang, Rigshospitalet, Copenhagen University Hospital, Copenhagen, Denmark

187 - Three-Year Clinical Results of Patients Randomized to 3 or 12 Months of Dual Antiplatelet After Endeavor Zotarolimus-Eluting Stent Implantation in OPTIMIZE

Fausto Feres, Ricardo Costa, Alexandre Abizaid, Jose Marin-Neto, Roberto Botelho, Joao De Paula, José Mangione, George Meireles, Helio Castello, Eduardo Nicolela, Marco Perin, Fernando Devito, Andre Labrunie, Decio

Salvadori, Deepak Bhatt, Institute Dante Pazzanese of Cardiology, Sao Paulo, Brazil, Cardiovascular Research Center, Sao Paulo, Brazil

188 - Trends in Cause of Long-Term Mortality After Percutaneous Coronary Intervention in Patients With Diabetes

Shu Xian Loh, Rajiv Gulati, Daniel Spoon, Ryan Lennon, Mayo Clinic, Rochester, MN, USA, University of Birmingham, Birmingham, United Kingdom

189 - The Comparative Safety of Bivalirudin Versus Heparin Monotherapy in Patients on Dialysis Undergoing Percutaneous Coronary Intervention: Insights From the Blue Cross Blue Shield of Michigan Cardiovascular Consortium

Devraj Sukul, Milan Seth, Theodore Schreiber, George Hanzel, Akshay Khandelwal, Louis Cannon, Thomas LaLonde, Ronald Miller, Hitinder Gurm, University of Michigan, Ann Arbor, MI, USA

190 - A Patient-Centered Approach to Same Day Discharge After Complex Percutaneous Coronary Intervention

Pedro Manuel Calderon Artero, Lisa Winter, Jacquelin Hohlt, Anne Digue, Patti Crimmins-Reda, Amit Amin, Washington University School of Medicine, Barnes Jewish Hospital, St. Louis, MO, USA

### ACC.i2 Interventional Cardiology - Live Cases

#### Session #202

#### ACC.i2 Live Case Session II: Complex Coronary Transmission from Evanston Hospital, Illinois

Saturday, April 2, 2016, 2 p.m. - 3:30 p.m.

Main Tent (North Hall B1)

CME Hours: 1.5 /CNE Hours: 1.5

2:00 p.m.

Live Case Operator

Ted Feldman

Evanston, IL

Co-Chair: George D. Dangas

Co-Chair: Jeffrey W. Moses

Panelist: Cindy L. Grines

Panelist: Keith Oldroyd

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #626

#### Expanding Indications for Transcatheter Valve Technologies

Saturday, April 2, 2016, 2 p.m. - 3:30 p.m.

Room S101

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Nicolo Piazza

Co-Chair: Lars G. Svensson

Panelist: David L. Brown

Panelist: Antonio Colombo

Panelist: Duane S. Pinto

Panelist: Vinod H. Thourani

2:00 p.m.

Debate on TAVR for Low Risk Patients: Why Not? There Is No Floor

James Bernard Hermiller

Indianapolis, IN

2:06 p.m.

Debate on TAVR for Low Risk Patients: Why Not? Hold Your Horses

Craig R. Smith

New York, NY

2:12 p.m.

Rebuttal. Debate on TAVR for Low Risk Patients: Why Not? There Is No Floor



2:14 p.m.  
Rebuttal. Debate on TAVR for Low Risk Patients: Why Not? Hold Your Horses

2:16 p.m.  
Panel Discussion

2:29 p.m.  
TAVR in Mitral Stenosis or Mitral Valve in Valve  
William W. O'Neill  
Detroit, MI

2:37 p.m.  
Management of Aortic Insufficiency With Transcatheter Techniques  
Hendrik Treede  
Hamburg, Germany

2:45 p.m.  
Asymptomatic AS in High Risk Patients Should Be Treated With TAVR  
William T. Brinkman  
Dallas, TX

2:53 p.m.  
Can We Treat Bicuspid Valves With TAVR?  
Hasan Jilaihawi  
West Hollywood, CA

3:01 p.m.  
Surgeon Perspective: At What Age Am I Comfortable Using a Bioprosthetic Valve?  
Robert A. Guyton  
Atlanta, GA

3:09 p.m.  
Prediction for the Place of TAVR in the Clinical Guidelines  
Rick A. Nishimura  
Rochester, MN

3:17 p.m.  
Panel Discussion

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #627

#### Transcatheter Mitral Repair

Saturday, April 2, 2016, 2 p.m. - 3:30 p.m.

Room S102

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Howard C. Herrmann

Co-Chair: Saibal Kar

2:00 p.m.  
Long-Term Outcomes With MitraClip: Does Indication Matter?  
Saibal Kar

2:15 p.m.  
Potential Challengers to MitraClip for Secondary MR: Carillion  
Steven L. Goldberg  
Kalispell, MT

2:20 p.m.  
Potential Challengers to MitraClip for Secondary MR: Cardioband  
Francesco Maisano  
Zurich, Switzerland

2:25 p.m.  
Potential Challengers to MitraClip for Secondary MR: Mitralign  
Joachim Schofer  
Hamburg, Germany

2:30 p.m.  
Potential Challengers to MitraClip for Secondary MR: Accucinch (GDS)  
Eberhard Grube  
Siegburg, Germany

2:35 p.m.  
New Transcatheter Mitral Therapies (FIM and Pre-Clinical): Millipede  
Steven F. Bolling  
Ann Arbor, MI

2:40 p.m.  
New Transcatheter Mitral Therapies (FIM and Pre-Clinical): TASRA (MitraSpan)  
Howard C. Herrmann  
Philadelphia, PA

2:45 p.m.  
New Transcatheter Mitral Therapies (FIM and Pre-Clinical): The Middle Peak Medical System  
Jason H. Rogers  
Sacramento, CA

2:50 p.m.  
New Transcatheter Mitral Therapies (FIM and Pre-Clinical): Cerclage  
June-Hong Kim  
Yangsan, Korea, Republic of

2:55 p.m.  
New Transcatheter Mitral Therapies (FIM and Pre-Clinical): Neochordand V-Chord  
Joerg Seeburger  
Leipzig, Germany

3:00 p.m.  
Debate Pro: Should the Indications and Results of Transcatheter Mitral Repair Be the Same as for Surgery?  
Y. Joseph Woo  
CA

3:07 p.m.  
Debate Con: Should the Indications and Results of Transcatheter Mitral Repair Be the Same as for Surgery?  
Robert O. Bonow  
Chicago, IL

3:14 p.m.  
Rebuttal: Pro

3:17 p.m.  
Rebuttal: Con

3:20 p.m.  
Panel Discussion

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #628

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

Saturday, April 2, 2016, 2 p.m. - 3:30 p.m.

Room S103ab

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Sarah Clarke

Co-Chair: Jacqueline Gamberdella

2:00 p.m.  
Structural Heart Imaging: Minimizing Risks and Optimizing Outcomes  
Kimberly Guibone



2:15 p.m.

Pre-Procedure Planning: Case Based Imaging. TAVR  
Sarah Clarke  
La Jolla, CA

2:27 p.m.

Pre-Procedure Planning: Case Based Imaging. Mitral  
Samir R. Kapadia  
Cleveland, OH

2:39 p.m.

Pre-Procedure Planning: Case Based Imaging. LLA Occlusion  
Brian K. Whisenant  
Salt Lake City, UT

2:51 p.m.

Assessment and Outcomes: The Importance of Post Procedure Imaging  
Jonathon Leipsic  
Vancouver, BC

3:01 p.m.

Case Presentation: The Use of Imaging in PVD... When Is DUS/CTA/Angio  
Appropriate?  
Jacqueline Gamberdella  
New Haven, CT

3:16 p.m.

Imaging Options for CAD  
Subhash Banerjee  
Dallas, TX

### ACC.i2 Interventional Cardiology - Scientific Session Session #630

#### Renal Denervation and Renal Artery Stenosis

Saturday, April 2, 2016, 2 p.m. - 3:30 p.m.

Room S104

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Felix Mahfoud

Co-Chair: Krishna J. Rocha-Singh

2:00 p.m.

Life After CORAL: Renovascular Hypertension Is a Real Problem  
Jeffrey W. Olin

2:12 p.m.

Renal Artery Intervention: Optimal Patient Selection  
Ehtisham Mahmud  
San Diego, CA

2:22 p.m.

Case Presentation: Renal Artery Revascularization  
Douglas E. Drachman  
Boston, MA

2:32 p.m.

Question and Answer

2:37 p.m.

Renal Denervation in 2016: What Have We Learned From Previous  
Experience?  
Felix Mahfoud  
Homburg, Germany

2:49 p.m.

The "Next Generation" of Renal Denervation Trials  
Roland E. Schmieder  
91054 Erlangen, Germany

3:01 p.m.

Novel Catheter-Based Renal Denervation Technologies for Hypertension:  
Beyond Radiofrequency Ablation  
Felix Mahfoud  
Homburg, Germany

3:13 p.m.

Interventional Solutions for Hypertension Beyond Renal Denervation  
Melvin D. Lobo  
London, United Kingdom

3:25 p.m.

Question and Answer

### ACC.i2 Interventional Cardiology - Moderated Poster Contributions Session #1162M

#### ACC.i2 Carotid and Endovascular and Aortic Valve Disease: Real World Outcomes

Saturday, April 2, 2016, 3:45 p.m. - 4:30 p.m.

ACC.i2 Interventional Cardiology Moderated Poster Theater, Poster  
Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

3:45 p.m.

Outcomes of Permanent Pacemaker Implantation Following Transcatheter  
Aortic Valve Replacement: Analysis of the STS/ACC TVT Registry™  
Opheyemi Fadahunsi, Abiola Olowoyeye, Anene Ukaigwe, Zhuokai Li, Amit  
Vora, Sreekanth Vemulapalli, Eric Elgin, Anthony Donato, Reading Health  
System, West Reading, PA, USA

3:55 p.m.

Question and Answer

4:00 p.m.

Comparison of Current Costs and Reimbursement for Transcatheter and  
Surgical Aortic Valve Replacement  
Mani Arsalan, Alessandro Ballard, Carl R. MacLachlan, Suzanne Arnold, David  
Cohen, Darren Mylotte, Joseph Cacchione, Nicolo Piazza, Giovanni Filardo,  
Michael Mack, The Heart Hospital Baylor Plano, Plano, TX, USA, Baylor  
Research Institute, Dallas, TX

4:10 p.m.

Question and Answer

4:15 p.m.

Cardiologists Refer Patients With Aortic Stenosis Later and With More  
Symptoms Than Non-Cardiologists  
Cassandra Ramm, John Vavalle, Tom Nguyen, Andrew Sampson, Pei-Hsiu  
Huang, Jill Foster, Vinod Thourani, Amar Krishnaswamy, Vladimir  
Demyanenko, Tracy Wang, UNC Chapel Hill, Chapel Hill, NC, USA

4:25 p.m.

Question and Answer

ACC Poster Moderator: Nicola Corvaja

ACC Poster Moderator: Aravinda Nanjundappa

### ACC.i2 Interventional Cardiology - Live Cases Session #203

#### ACC.i2 Live Case Session III: CTO Transmission from University of Washington Medical Center, Seattle

Saturday, April 2, 2016, 4:45 p.m. - 6 p.m.

Main Tent (North Hall B1)

CME Hours: 1.25 /CNE Hours: 1.25



4:45 p.m.  
Live Case Operator  
William L. Lombardi  
Bellingham, WA

4:45 p.m.  
Live Case Operator  
Mark Reisman  
Seattle, WA

Co-Chair: David E. Kandzari  
Co-Chair: Steven P. Marso  
Panelist: Emmanouil S. Brilakis  
Panelist: James Aaron Grantham  
Panelist: Dimitrios Karpaliotis  
Panelist: George Sianos  
Panelist: Simon Walsh Heart Association, and American College of Cardiology

### ACC.i2 Interventional Cardiology - International Session Session #508

**Vascular Pathology - Understanding and Interventions:  
International Perspectives From the Indonesian Heart Association,  
Philippine Heart Association, and American College of Cardiology**  
Saturday, April 2, 2016, 4:45 p.m. - 6 p.m.  
Room N427cd  
CME Hours: 1.25 /CNE Hours: 0

Co-Chair: Aaron D. Kugelmass  
Co-Chair: Anwar Santoso  
Co-Chair: Alex Tonelete Junia

4:45 p.m.  
Introduction to Session  
Aaron D. Kugelmass

4:50 p.m.  
Surgical Repair for Aortic Dissection: Philippine Heart Centre Experience  
Maribeth de los Santos  
Manila, Philippines

5:01 p.m.  
TEVAR Procedures for Aortic Dissection: Indonesia Perspective  
Iwan Dakota  
Jakarta, Indonesia

5:12 p.m.  
Takayasu Arteritis: Patient Profile and Outcomes  
Maria Teresa Bacnis Abola  
Quezon City, Philippines

5:23 p.m.  
Microvascular Obstruction in Primary PCI: Indonesian Data  
Doni Firman  
Jakarta, Indonesia

5:34 p.m.  
Discussion

### ACC.i2 Interventional Cardiology - Scientific Session Session #641

**New Technologies in Transcatheter Techniques**  
Saturday, April 2, 2016, 4:45 p.m. - 6 p.m.  
Room S101  
CME Hours: 1.25 /CNE Hours: 0

Co-Chair: John D. Carroll  
Co-Chair: Vinod H. Thourani  
Panelist: Thomas Walther  
Panelist: Francesco Maisano  
Panelist: Eberhard Grube

4:45 p.m.  
SAPIEN 3 Update  
Martin B. Leon  
New York, NY

4:52 p.m.  
Lotus Valve  
Ian T. Meredith  
Clayton, Australia

4:59 p.m.  
Directflow  
E. Murat Tuzcu  
Cleveland, OH

5:06 p.m.  
Evolut R  
Mathew Williams  
New York, NY

5:13 p.m.  
Novel Forthcoming TAVR Devices  
Thomas Walther  
Bad Nauheim, Germany

5:20 p.m.  
Novel Tricuspid TV Devices  
Duane S. Pinto  
Boston, MA

5:28 p.m.  
Cerebral Protection Devices  
Samir R. Kapadia  
Cleveland, OH

5:36 p.m.  
Transcatheter MV Repair Devices  
Francesco Maisano  
Zurich, Switzerland

5:44 p.m.  
Transcatheter MV Replacement Devices  
Vinod H. Thourani  
Atlanta, GA

5:52 p.m.  
Panel Discussion





### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #642

#### DAPT in 2016

Saturday, April 2, 2016, 4:45 p.m. - 6 p.m.

Room S103ab

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Dean J. Kereiakes

Co-Chair: George D. Dangas

4:45 p.m.

Debate: Is Mortality Really an Issue for Prolonged DAPT and 2<sup>nd</sup> Generation DES? Yes! Increased Mortality Is a Serious Concern

Tullio Palmerini

4:52 p.m.

Debate: Is Mortality Really an Issue for Prolonged DAPT and 2<sup>nd</sup> Generation DES? No! Mortality Risk Is Exaggerated; In Fact, There May Be a Survival Advantage!

Laura Mauri

Boston, MA

4:59 p.m.

Rebuttal: Pro

5:02 p.m.

Rebuttal: Con

5:05 p.m.

Question and Answer

5:09 p.m.

Debate: Is Aspirin a Necessary Component of DAPT? No! Aspirin Increases Bleeding Risk With Little Benefit. Novel Combinations or Monotherapy Are the Future!

C. Michael Gibson

Boston, MA

5:16 p.m.

Debate: Is Aspirin a Necessary Component of DAPT? Yes! Not so Fast - Cost Efficacy Favors Long Term Aspirin Therapy

Sanjay Kaul

Los Angeles, CA

5:23 p.m.

Rebuttal: Con

5:26 p.m.

Rebuttal: Pro

5:29 p.m.

Question and Answer

5:32 p.m.

Debate: Should Current USA and European DAPT Guidelines Be Changed? Yes! Longer Is Better

Laura Mauri

Boston, MA

5:32 p.m.

Debate: Should Current USA and European DAPT Guidelines Be Changed? Yes! Longer Is Better

Robert W. Yeh

Boston, MA

5:37 p.m.

Debate: Should Current USA and European DAPT Guidelines Be Changed? No! Current Guidelines Are Best for Most Patients

John A. Bittl

Ocala, FL

5:42 p.m.

Debate: Should Current USA and European DAPT Guidelines Be Changed? Wait A Minute! Shorter DAPT Is Still A Very Realistic Option

Gilles Montalescot

Paris, France

5:47 p.m.

Question and Answer

5:50 p.m.

Antiplatelet and Anticoagulation Therapies: Current State of the Art. Warfarin, NOACS and DAPT / Single Agent Therapy (Includes Clopidogrel/Novel P2Y12)

Fausto Feres

Sao Paulo, Brazil

5:50 p.m.

Antiplatelet and Anticoagulation Therapies: Current State of the Art. Warfarin, NOACS and DAPT / Single Agent Therapy (Includes Clopidogrel/Novel P2Y12)

C. Michael Gibson

Boston, MA

5:50 p.m.

Antiplatelet and Anticoagulation Therapies: Current State of the Art. Warfarin, NOACS and DAPT / Single Agent Therapy (Includes Clopidogrel/Novel P2Y12)

Christopher P. Cannon

Boston, MA

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #643

#### Current Dilemmas and Controversies: Revascularization Strategies

Saturday, April 2, 2016, 4:45 p.m. - 6 p.m.

Room S103cd

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Sripal Bangalore

Co-Chair: Stephan Windecker

Panelist: Justin E. Davies Kingdom

Panelist: David Joel Maron

Panelist: Harindra C. Wijeyesundera

4:45 p.m.

Case Presentation: A Patient With Stable Angina and Positive SPECT... How Should We Treat?

Harindra C. Wijeyesundera

Toronto, Canada

4:48 p.m.

Medical Therapy Alone Should Be Considered the Standard of Care!

David Joel Maron

Stanford, CA

4:55 p.m.

The Present Data Favor Cath (and Revascularization)

Erik Magnus Ohman

Durham, NC



5:02 p.m.  
 Why We Need to Randomize Such Patients Into Clinical Trials: Updates on  
 Physiology-Based Trials of Multivessel Revascularization  
 Justin E. Davies  
 London, United Kingdom

5:09 p.m.  
 Panel Discussion

5:14 p.m.  
 Case Resolution  
 Harindra C. Wijeyesundera  
 Toronto, Canada

5:19 p.m.  
 Case Presentation: A Patient With 3-Vessel Coronary Artery Disease  
 Mauricio G. Cohen  
 Miami, FL

5:22 p.m.  
 The Case for CABG  
 A. Pieter Kappetein  
 Rotterdam, Netherlands

5:29 p.m.  
 The Case for PCI  
 Jeffrey W. Moses  
 New York, NY

5:36 p.m.  
 Why We Need to Randomize Such Patients Into Clinical Trials: Updates on  
 Physiology-Based Trials of Multivessel Revascularization  
 Morton J. Kern  
 Orange, CA

5:43 p.m.  
 Panel Discussion

5:53 p.m.  
 Case Resoltuion  
 Mauricio G. Cohen  
 Miami, FL

**ACC.i2 Interventional Cardiology - Scientific Session  
 Session #644**

**Endovascular Debates in 2016**

Saturday, April 2, 2016, 4:45 p.m. - 6 p.m.

Room S104

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: John R. Laird  
 Co-Chair: Mark Wholey

4:45 p.m.  
 Renal Stenting Is Indicated in Refractory Renovascular Hypertension:  
 Hemodynamically Significant Renal Artery Stenosis, BP 160/100 on 3  
 Maximally Tolerated Medications Including a Diuretic. Pro: This Patient  
 Needs a Stent  
 Mehdi H. Shishehbor

4:53 p.m.  
 Renal Stenting Is Indicated in Refractory Renovascular Hypertension:  
 Hemodynamically Significant Renal Artery Stenosis, BP 160/100 on 3  
 Maximally Tolerated Medications Including a Diuretic. Con: This Patient  
 Needs Additional Medical Therapy  
 Christopher J. Cooper  
 Toledo, OH

5:01 p.m.  
 Rebuttal: Pro

5:05 p.m.  
 Rebuttal: Con

5:10 p.m.  
 Primary Stenting Is Preferred Therapy in Iliac Stenoses: TASC A Common Iliac  
 Stenosis With Severe Claudication. Pro: This Patient Needs Primary Stent  
 Placement  
 Ivan P. Casserly  
 Dublin, Ireland

5:18 p.m.  
 Primary Stenting Is Preferred Therapy in Iliac Stenoses: TASC A Common Iliac  
 Stenosis With Severe Claudication. Con: This Patient Needs Provisional Stent  
 Placement  
 Larry J. Diaz  
 Grand Rapids, MI

5:26 p.m.  
 Rebuttal: Pro

5:30 p.m.  
 Rebuttal: Con

5:35 p.m.  
 Drug Coated Balloons Are Preferred for Femoral In-Stent Restenosis: Mid SFA  
 4 cm Long In-Stent Restenosis With Limiting Claudication. Pro: This Patient  
 Needs a DCB  
 Dimitris Siablis  
 Rion, Greece

5:43 p.m.  
 Drug Coated Balloons Are Preferred for Femoral In-Stent Restenosis: Mid SFA  
 4 cm Long In-Stent Restenosis With Limiting Claudication. Con: This Patient  
 Needs DES  
 John R. Laird  
 El Macero, CA

5:51 p.m.  
 Rebuttal: Pro

5:55 p.m.  
 Rebuttal: Con

**ACC.i2 Interventional Cardiology - Scientific Session  
 Session #654**

**Transcatheter Mitral Valve Replacement**

Sunday, April 3, 2016, 8 a.m. - 9:30 a.m.

Room S102

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Martin B. Leon  
 Co-Chair: Michael J. Mack

8:00 a.m.  
 TMVR Is Not a Mitral TAVI: What Are the Challenges?  
 David H. Adams

8:10 a.m.  
 Clinical Trial Updates With Case Presentations: Tiara  
 John G. Webb  
 Vancouver, Canada

8:17 a.m.  
 Clinical Trial Updates With Case Presentations: CardiAQ  
 Howard C. Herrmann  
 Philadelphia, PA



8:24 a.m.

Clinical Trial Updates With Case Presentations: Tendyne  
Wesley R. Pedersen  
Minneapolis, MN

8:31 a.m.

Clinical Trial Updates With Case Presentations: Fortis  
Michael J. Mack  
Plano, TX

8:38 a.m.

Clinical Trial Updates With Case Presentations: What Is in the Pipeline?  
Martin B. Leon  
New York, NY

8:45 a.m.

Opposing Views... The Most Commonly Performed Mitral Intervention for  
Secondary MR in 10 Years Will Be: Transcatheter Repair  
Peter S. Fail  
Houma, LA

8:54 a.m.

Opposing Views... The Most Commonly Performed Mitral Intervention for  
Secondary MR in 10 Years Will Be: Transcatheter Replacement  
Joseph E. Bavaria  
Philadelphia, PA

9:03 a.m.

Opposing Views... The Most Commonly Performed Mitral Intervention for  
Secondary MR in 10 Years Will Be: Minimally Invasive Surgical Repair  
A. Marc Gillinov  
Cleveland, OH

9:12 a.m.

Opposing Views... The Most Commonly Performed Mitral Intervention for  
Secondary MR in 10 Years Will Be: Medical Management  
William T. Abraham  
Columbus, OH

9:21 a.m.

Panel Discussion

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #655

#### Translating Recent Clinical Trials Into Daily Practice

Sunday, April 3, 2016, 8 a.m. - 9:30 a.m.

Room S103ab

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: David J. Cohen

Co-Chair: Ajay J. Kirtane

Panelist: Davide Capodanno

Panelist: Dipti Itchhaporia

Panelist: Sanjay Kaul

8:00 a.m.

Debate Pro: TAVR Studies: Should We Be Doing TAVR in Lower-Risk Patients?  
Yes, the Current and Emerging Data Are Conclusive  
Jeffrey J. Popma  
Newton, MA

8:05 a.m.

Debate Con: TAVR Studies: Should We Be Doing TAVR in Lower-Risk Patients?  
No, Surgical AVR Remains the Standard of Care  
D. Craig Miller  
Stanford, CA

8:10 a.m.

Rebuttal: Pro

8:12 a.m.

Rebuttal: Con

8:14 a.m.

Panel Discussion

8:29 a.m.

Debate Pro: Drug-Eluting Stents: Have We Made Another Leap Forward With  
Newest Generation Bioabsorbable Polymer and Fully Bioresorbable Drug-  
Eluting Stents? Yes, the Newest Drug-Eluting Stents Clearly Surpass Current  
Generation Durable Polymer DES  
David E. Kandzari  
Atlanta, GA

8:34 a.m.

Debate Con: Drug-Eluting Stents: Have We Made Another Leap Forward With  
Newest Generation Bioabsorbable Polymer and Fully Bioresorbable Drug-  
Eluting Stents? No, the Newer Technologies Are Interestingbut Shouldn't  
Replace Current Generation DES  
David J. Cohen  
Kansas City, MO

8:39 a.m.

Rebuttal: Pro

8:41 a.m.

Rebuttal: Con

8:43 a.m.

Panel Discussion

8:58 a.m.

Debate Pro: What Is the Ideal Duration of DAPT for Most DES Patients?  
Longer Is Better  
Laura Mauri  
Boston, MA

9:03 a.m.

Debate Con: What Is the Ideal Duration of DAPT for Most DES Patients?  
Shorter Is Best  
Roxana Mehran  
New York, NY

9:08 a.m.

Rebuttal: Pro

9:10 a.m.

Rebuttal: Con

9:12 a.m.

Panel Discussion

9:27 a.m.

Wrap-Up



### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #656

#### Tips and Tricks of Complex Coronary Intervention

Sunday, April 3, 2016, 8 a.m. - 9:30 a.m.

Room S103cd

CME Hours: 1.5 /CNE Hours: 0

Co-Chair: Cindy L. Grines

Co-Chair: Duane S. Pinto

Panelist: Ali E. Denktas

Panelist: Azeem Latib

Panelist: Samir B. Pancholy

Panelist: Manish A. Parikh

Panelist: Ruby Satpathy

Panelist: Mehdi H. Shishehbor

Panelist: Molly Szerlip

8:00 a.m.

Tips and Tricks for Dealing With Access Site Problems

Mehdi H. Shishehbor

Cleveland, OH

8:10 a.m.

Panel Discussion

8:12 a.m.

Tips and Tricks for STEMI PCI

Molly Szerlip

Plano, TX

8:22 a.m.

Panel Discussion

8:25 a.m.

Tips and Tricks for Treating Bifurcation Lesions

Azeem Latib

Milan, Italy

8:35 a.m.

Panel Discussion

8:38 a.m.

Tips and Tricks for Delivering Equipment in Difficult Anatomy

Manish A. Parikh

New York, NY

8:48 a.m.

Panel Discussion

8:51 a.m.

Tips and Tricks for Difficult Radial PCI

Samir B. Pancholy

Clarks Summit, PA

9:01 a.m.

Panel Discussion

9:04 a.m.

Tips and Tricks for Dealing With Thrombus

Ruby Satpathy

Jacksonville, FL

9:14 a.m.

Panel Discussion

9:17 a.m.

Tips and Tricks for Calcified Lesions

Ali E. Denktas

Houston, TX

9:27 a.m.

Panel Discussion

### ACC.i2 Interventional Cardiology - Oral Contributions

#### Session #901

#### Highlighted Original Research: ACC.i2 Interventional Cardiology and the Year in Review

Sunday, April 3, 2016, 8 a.m. - 9:30 a.m.

Room S104

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: John C. Messenger

Co-Chair: Sunil V. Rao

8:00 a.m.

Year in Review Speaker

Spencer B. King

8:15 a.m.

Up to One-Year Follow-Up Results From a Multicenter Trial of a Transfemoral System for Mitral Valve Reconstruction

Karl-Heinz Kuck, Francesco Maisano, Ottavio Alfieri, Antonio Colombo, Stephan Baldus, Alec Vahanian, Georg Nickenig, Asklepios Klinik St. Georg, Hamburg, Germany

8:27 a.m.

Discussion

8:30 a.m.

The Tendyne Early Feasibility Trial of Transcatheter Mitral Valve Implantation

David W. M. Muller, Paul Jansz, Marty Shaw, Paul Sorajja, Wesley Pedersen, Richard Bae, Robert Farivar, Jeffrey Popma, Philipp Blanke, Jonathon Leipsic, St. Vincent's Hospital, Sydney, Australia, Minneapolis Heart Institute, Minneapolis, MN, USA

8:42 a.m.

Discussion

8:45 a.m.

Risk of Surgery Among Patients With or Without Previous Coronary Drug-Eluting Stent Implantation

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

8:57 a.m.

Discussion

9:00 a.m.

Associations of Hospital Strategies and 30-Day Risk-Standardized Mortality Rates in Percutaneous Coronary Intervention

Jeptha Curtis, Karl E. Mingos, Jeph Herrin, Nihar Desai, Brahmajee Nallamothu, John Rumsfeld, Mary Anne Elma, Peggy Chen, Henry Ting, John Messenger, Yale School of Medicine, New Haven, CT, USA

9:12 a.m.

Discussion



9:15 a.m.

Outcomes of the ABSORB Bioresorbable Vascular Scaffold in Very Small and Not Very Small Coronary Arteries: The ABSORB III Randomized Trial  
Gregg W. Stone, Stephen Ellis, Charles Simonton, David Metzger, Ronald Caputo, David Rizik, Paul S. Teirstein, Jeffrey Popma, Jennifer Jones-McMeans, Zhen Zhang, Dean Kereiakes, The Cardiovascular Research Foundation, New York, NY, USA

9:27 a.m.

Discussion

### ACC.i2 Interventional Cardiology - Poster Contributions

#### Session #1174

#### Anti Thrombotic New Therapeutic Approaches

Sunday, April 3, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

109 - Parathyroid Hormone Levels and High-Residual Platelet Reactivity in Patients Receiving Dual Antiplatelet Therapy With Acetylsalicylic Acid and Clopidogrel or Ticagrelor  
Monica Verdoia, Matteo Nardin, Lucia Barbieri, Alon Schaffer, Paolo Marino, Harry Suryapranata, Giuseppe De Luca, Università del Piemonte Orientale, Novara, Italy

110 - Gender Differences in Platelet Reactivity in Patients Receiving Dual Antiplatelet Therapy  
Monica Verdoia, Lucia Barbieri, Matteo Nardin, Alon Schaffer, Paolo Marino, Harry Suryapranata, Giuseppe De Luca, Università del Piemonte Orientale, Novara, Italy

111 - Bleeding Risk Is Significantly Higher With Triple Anticoagulant Therapy Including Warfarin Compared With Triple Therapy Including Novel Oral Anticoagulant (NOAC) Agents  
Deepak Pattanshetty, Ashish Aneja, Metrohealth Campus of Casewestern Reserve University, Cleveland, OH, USA

112 - Triple Therapy With Prasugrel or Ticagrelor Compared to Clopidogrel After Percutaneous Coronary Intervention  
James Coons, Nathan Verlinden, Carlo Iasella, Melissa Saul, Sandra Kane-Gill, UPMC Presbyterian University Hospital, Pittsburgh, PA, USA

113 - Pharmacodynamic and Clinical Validation of a P2Y<sub>12</sub> Receptor Specific Whole Blood Platelet Aggregation Assay  
Willibald Hochholzer, Michael Amann, Timo Boemick, Christian M. Valina, Christian Stratz, Dietmar Trenk, Franz-Josef Neumann, University Heart Center Freiburg - Bad Krozingen, Bad Krozingen, Germany

114 - Impact of Prior Cerebrovascular Events on Ischemic and Bleeding Outcomes With Cangrelor in Percutaneous Coronary Intervention  
Neal Narain Sawlani, Robert Harrington, Gregg Stone, Philippe Steg, C. Michael Gibson, Christian Hamm, Matthew Price, Jayne Prats, Efthymios Deliaris, Kenneth Mahaffey, Harvey White, Deepak L. Bhatt, Brigham and Women's Hospital, Boston, MA, USA

115 - Bivalirudin With Provisional Glycoprotein IIb/IIIa Inhibitors Compared to Heparin With Planned or Provisional Glycoprotein IIb/IIIa Inhibitors in Patients Undergoing Percutaneous Coronary Intervention: Network Meta-Analysis of Randomized Clinical Trials  
Tarpan R. Patel, Alexander Ivanov, Terrence Sacchi, John Heitner, Sorin Brener, New York Methodist Hospital, Brooklyn, NY, USA

116 - Utilization Patterns of P2Y<sub>12</sub> Inhibitors in Patients Referred for Invasive Evaluation of Coronary Artery Disease in the United States  
Weihong Fan, Stephanie Plent, Jayne Prats, Efthymios Deliaris, The Medicines Company, Parsippany, NJ, USA

117 - Dual Antiplatelet Therapy Beyond One Year Following Coronary Stenting in Patients With Prior Myocardial Infarction: A Dual Antiplatelet Therapy Study Analysis

Laura Mauri, Dean Kereiakes, Donald Cutlip, Robert Yeh, Philippe Steg, Stephen Wiviott, Joseph Massaro, The Brigham and Women's Hospital, Boston, MA, USA, Harvard Clinical Research Institute, Boston, MA, USA

118 - Determinants of Fractional Flow Reserve Measurement Discrepancy Related to Regional or Global Myocardial Hyperaemia

Nina Willemijn van der Hoeven, Alicia Quiros, Guus A. de Waard, David Camacho Gaxiola, Driss Melehi, Nicola Ryan, Raul S. Herrera Nogueira, Maurits Hollander, Christopher Broyd, Niels Van Royen, Javier Escaned, Hospital Clinico San Carlos, Madrid, Spain

119 - Efficacy and Safety of Low to Medium-Dose Versus High-Dose Aspirin After Percutaneous Coronary Intervention: Evidence Beyond the CURRENT-OASIS 7 Trial

Chirag Bavishi, Vrinda Trivedi, Saurav Chatterjee, Jacqueline Tamis-Holland, Mount Sinai St. Lukes's & Roosevelt Hospitals, New York, NY, USA

120 - Prevalence and Management of Aspirin Allergy in an Ambulatory Cardiology Practice and in Patients Undergoing Percutaneous Coronary Intervention

Gabriela Orgeron, Marc Mugmon, Candice Crichlow, Laura S. Miller, Robabeh Mohammadzadeh, John Wang, Sudhir Sekhsaria, Medstar Union Memorial Hospital, Baltimore, MD, USA

121 - Risk-Treatment Paradox in Prevalence and Determinants of Potent P2Y<sub>12</sub> Inhibitor Use in Patients Undergoing Percutaneous Coronary Intervention: Results From a Large Single-Center Registry

Raman Sharma, Usman Baber, Melissa Aquino, Jason Kovacic, Joseph Sweeny, Pooja Vijay, Srushti Shah, George Dangas, Roxana Mehran, Annapoorna Kini, Samin Sharma, Icahn School of Medicine at Mount Sinai, New York, NY, USA

122 - Immature Platelet Count or Immature Platelet Fraction as Optimal Predictor of Antiplatelet Response to Thienopyridine Therapy

Christian Stratz, Michael Amann, Christian Valina, Thomas Nuehrenberg, Dietmar Trenk, FJ Neumann, Willibald Hochholzer, Universitaets Herzzentrum Freiburg Bad Krozingen, Bad Krozingen, Germany

123 - The Impact Of Choice Of Anticoagulant Agents And The Risk For Bleeding During Percutaneous Coronary Intervention: Insights From The California NCDR Cath PCI Registry

Femi Philip, Gagan Singh, Jeffrey Southard, Garrett Wong, Suresh Ram, Zhongmin Li, William Bommer, UC Davis, Sacramento, CA, USA

124 - Relevance of the CYP2C19 Polymorphism for Loading and Maintenance Dose of Prasugrel and Clopidogrel Treatment Effect in Coronary Artery Disease Patients Undergoing Percutaneous Coronary Intervention PCI : The PRAISE-GENE Study

Moo Hyun Kim, Long Zhe Guo, Eun-Seok Shin, Soe Hee Ann, Sun Young Choi, Young Seok Lee, Tae Hyung Kim, Department of Cardiology, Dong-A University Hospital, Busan, South Korea, Clinical Trial Center, Dong-A University Hospital, Busan, South Korea

125 - Cost Implications of Procedural Thrombotic Complications in Patients Undergoing Percutaneous Coronary Intervention: Results From the CHAMPION PHOENIX ECONOMICS Study

Hector Tamez, Philippe Genereux, Weihong Fan, Ajay Kirtane, Stephanie Plent, Efthymios Deliaris, Jayne Prats, Gregg Stone, C. Michael Gibson, Robert Harrington, Deepak Bhatt, Duane Pinto, Beth Israel Deaconess Medical Center, Boston, MA, USA

126 - Heparin-Induced Thrombocytopenia Type II Among Suspected Cases Post-Cardiac Surgery

Abdulrazak Sheikh Aljazairy, Reem Bahmaid, Nathem Akhras, Tarek Owaidah, Elias Saad, Edward Devol, King Faisal Specialist Hospital and Research Centre, Riyadh, Saudi Arabia, Saudi Arabia



127 - Pharmacoinvasive Strategy Versus Primary Percutaneous Coronary Intervention in Patients With ST-Elevation Myocardial Infarction: A Propensity Score Matched Analysis

Doo Sun Sim, Woo Jin Kim, Myung Ho Jeong, Youngkeun Ahn, Young Jo Kim, Shung Chull Chae, Taek Jong Hong, In Whan Seong, Jei Keon Chae, Chong Jin Kim, Myeong Chan Cho, Seung-Woon Rha, Jang Ho Bae, Ki Bae Seung, Seung Jung Park, Chonnam National University Hospital, Gwangju, South Korea

128 - Optimal P2Y12 Inhibitor in Patients With ST Segment Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention: A Network Meta-Analysis

Asim Rafique, Piyush Nayyar, Usman Baber, Tracy Wang, Jonathan Tobis, Jesse Currier, Ravi Dave, Timothy Henry, Cedars-Sinai Medical Center, Los Angeles, CA, USA, UCLA Medical Center, Los Angeles, CA, USA

129 - In Vitro Pharmacodynamic Effects of Cangrelor on Platelet P2Y12 Receptor Mediated Signaling in Ticagrelor Treated Patients

Fabiana Rollini, Francesco Franchi, Estela Thano, Gabriel Faz, Yongwhi Park, Jenny Hu, Megha Kureti, Niti Aggarwal, Ashwin Durairaj, Jung Rae Cho, Latonya Been, Zeina Alobaidi, Martin Zenni, Theodore Bass, Dominick Angiolillo, University of Florida College of Medicine-Jacksonville, Jacksonville, FL, USA

130 - Impact of Timing From Blood Sampling to Pharmacodynamic Assessment on Measures of Platelet Reactivity in Patients Treated With P2Y12 Receptor Inhibitors

Fabiana Rollini, Francesco Franchi, Kamaldeep Singh, Jung Rae Cho, Mona Bhatti, Christopher DeGroat, Jenny Hu, Niti Aggarwal, Zeina Alobaidi, Estela Thano, Elisabetta Ferrante, Martin Zenni, Theodore Bass, Dominick Angiolillo, University of Florida College of Medicine - Jacksonville, Jacksonville, FL, USA

131 - Pharmacodynamic Effects of Switching From Prasugrel to Ticagrelor: Results of the Prospective, Randomized SWAP (Switching Anti Platelet)-3 Study

Gabriel Todd Faz, Fabiana Rollini, Francesco Franchi, Yongwhi Park, Jung Rae Cho, Estela Thano, Jenny Hu, Megha Kureti, Niti Aggarwal, Ashwin Durairaj, Latonya Been, Martin Zenni, Luis Guzman, Siva Suryadevara, Patrick Antoun, Theodore Bass, Dominick Angiolillo, University of Florida College of Medicine-Jacksonville, Jacksonville, FL, USA

132 - Long-Term Use of Dual Antiplatelets for the Secondary Prevention of Atherothrombotic Events in Patients With and Without MI: Meta-Analysis of Randomized Controlled Trials

Zaher Fanari, Amrathash Malodiya, Sandra Weiss, Sumaya Hammami, Paul Kolm, William Weintraub, University Of Kansas School of Medicine, Kansas City, KS, USA, Christiana Care Health System, Newark, DE, USA

### ACC.i2 Interventional Cardiology - Poster Contributions

#### Session #1175

#### Devices: PCI

Sunday, April 3, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

133 - Initial Commercial Experience With Orbital Atherectomy in Calcified Coronary Artery Disease

Evan Shlofmitz, Rajiv Jauhar, Perwaiz Meraj, North Shore LIJ Health System, Manhasset, NY, USA

134 - Incidence of Temporary Transvenous Pacemaker Placement With Coronary Orbital Atherectomy Compared to Rotational Atherectomy

Evan Shlofmitz, Jeffrey Chambers, Michael Lee, Jeffrey Moses, Brad Martinsen, Perwaiz Meraj, Rajiv Jauhar, Richard Shlofmitz, North Shore LIJ Health System, Manhasset, NY, USA, St. Francis Hospital, Roslyn, NY, USA

135 - Quantification by Optical Coherence Tomography Imaging of the Ablation Volume Obtained With the Orbital Atherectomy System in Calcified Coronary Lesions

Yohei Sotomi, Raphael Cavalcante, Richard Shlofmitz, Pannipa Suwannasom, Hiroki Tateishi, Erhan Tenekecioglu, Yaping Zheng, Mohammad Abdelghani, Yoshinobu Onuma, Patrick Serruys, Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands

136 - Impella 2.5L Compared to Intraortic Balloon Pump in Patients With Cardiogenic Shock: A Meta-Analysis of Studies

Jad Omran, Tariq Enezate, Sudarshan Balla, Sirisha Vadali, Belal Firwana, Kul Aggarwal, Martin Alpert, University of Missouri-Columbia, Columbia, MO, USA, University of Arkansas for Medical Sciences University of Arkansas, Little Rock, AR, USA

137 - Association Between Treatment With Left Ventricular Assist Device and Survival in Patients Suffering Cardiac Arrest in the State of Michigan

Andrew Pressman, Kelly Sawyer, James Vanloon, Robert Swor, William Beaumont Hospital, Royal Oak, MI, USA

138 - Serial Assessment of Major Evaginations and Vessel Wall Healing after Everolimus-Eluting Absorb Bioresorbable Vascular Scaffold Implantation

Lisette Okkels Jensen, Lisbeth Antonsen, Per Thayssen, Odense University Hospital Dept of Cardiology, Odense, Denmark

139 - Transradial Approach of Primary Percutaneous Coronary Interventions Using Sheathless Guiding Catheters in Patients With Acute Coronary Syndrome: A Feasibility Study

Tsuyoshi Isawa, Kazunori Horie, Tatsushi Ootomo, Naoto Inoue, Sendai Kousei Hospital, Sendai, Japan

140 - Multi-Center Post-Market Registry for the Evaluation of Robotic Assisted PCI

Ryan Madder, Paul Campbell, Ehtisham Mahmud, David Wohns, Tomasz Stys, Ronald Caputo, Mark Leimbach, Manish Parikh, Vijaykumar Kasi, Giora Weisz, Spectrum Health, Grand Rapids, MI, USA

141 - Real-World Safety and Outcome Measures of Novel Sirolimus Coated Balloon Catheter

Keyur H. Parikh, Ranjan Shetty, Sameer Dani, Parloop Bhatt, Manish Doshi, Prakash Sojitra, Care Institute of Medical Sciences, Ahmedabad, GA, India, Life Care Institute of Medical Science & Research Centre, Ahmedabad, India

142 - Evaluation of Myocardial Blood Flow and Coronary Flow Reserve After Implantation of a Bioresorbable Vascular Scaffold Versus Metal Drug Eluting Stent: An Interim 1-Month Analysis of the VANISH-Trial

Wijnand Stuijtzand, Pieter Raijmakers, Roel S. Driessen, Adriaan Lammertsma, Albert van Rossum, Alexander Nap, Yolande Appelman, Jorrit Lemkes, Maarten Van Leeuwen, Niels Van Royen, Paul Knaapen, VU University Medical Center, Amsterdam, The Netherlands

143 - Patient-Reported Angina After Bioresorbable Vascular Scaffolds Versus Metallic Everolimus-Eluting Stent for Coronary Artery Disease: A Systematic Review and Meta-Analysis

Rodrigo Mendirichaga, Rhanderson Cardoso, Daniel Garcia, Gilson Fernandes, Mohammad Ansari, University of Miami Miller School of Medicine, Miami, FL, USA

144 - Is There Any Role of Manual Thrombectomy in Patients With Acute Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention? An Updated Meta-Analysis of Randomized Controlled Trials

Yasir Akram, Nirmal Kaur, Dahlia Banerji, Aaqib H. Malik, Rishi Bajaj, Shashikanth Nagabandi, Joseph Hannan, Saint Vincent Hospital, Worcester, MA, USA

145 - Robotic Versus Manual Percutaneous Coronary Intervention: Effect on Procedure Time for Simple and Complex Lesions

Jesse J. Naghi, Jonathan Harrison, Lawrence Ang, Omid Behnmfar, Song Cui, John Bahadorani, Arturo Dominguez, Ryan Reeves, Mitul Patel, Ehtisham Mahmud, University of California, San Diego, San Diego, CA, USA



147 - Complex Robotically-Assisted Percutaneous Coronary Interventions: Reasons for Partial Manual Assistance or Manual Conversion

Jonathan Harrison, Jesse Naghi, Lawrence Ang, John Bahadorani, Arturo Dominguez, Song Cui, Omid Behnamfar, Mitul Patel, Ryan Reeves, Ehtisham Mahmud, UCSD Medical Center, La Jolla, CA, USA

148 - Prospective Evaluation of the Impact of Side-Holes and Guide Catheter Disengagement From the Coronary Ostium on Fractional Flow Reserve Measurements

Krishna Patel, Georgios Christakopoulos, Aris Karatasakis, Barbara Anna Danek, Phuong-Khanh Nguyen-Trong, Suwetha Amsavelu, Jeffrey Stetler, Bavana Rangan, Michele Roesle, Shuaib Abdullah, Tayo Addo, Subhash Banerjee, Emmanouil Brilakis, VA North Texas Healthcare System, Dallas, TX, USA, UT Southwestern Medical Center, Dallas, TX, USA

167 - Initial Results of the Fantom 1 Trial: A First-in-Man Evaluation of a Novel, Radiopaque Sirolimus-Eluting Bioresorbable Vascular Scaffold

Jose de Ribamar Costa, Alexandre Abizaïd, Daniel Chamie, Alexandra Lansky, Janusz Kochman, Lukasz Koltowski, IDPC, São Paulo, Brazil

168 - Comparison of Strategies to Treat Restenosis of Second Generation Drug Eluting Stent

Tomohiko Sato, New Tokyo Hospital, Matsudo, Japan

169 - The Effect of Drug-Coated Balloon Angioplasty for In-Stent Restenosis Evaluated by Serial Angioscopy and Optical Coherence Tomography Study

Naotaka Akutsu, Tadateru Takayama, Takashi Mineki, Takaaki Kougo, Nobuhiro Murata, Korehito Iida, Toshihiko Nishida, Tooru Oshima, Hironori Haruta, Daisuke Fukumachi, Takafumi Hiro, Atsushi Hirayama, Division of Cardiology Department of Medicine Nihon University School of Medicine, Tokyo, Japan

170 - Comparison of Drug Coated Balloons and Drug Eluting Stents in In-Stent Restenosis: A Meta Analysis

Arun Kannan, Mugilan Poongkunran, Srinath Sundararajan, Justin Lee, Tom Lassar, Kapildeo Lotun, Kwan Lee, University of Arizona, Tucson, AZ, USA

### ACC.i2 Interventional Cardiology - Poster Contributions

#### Session #1176

#### TAVR Patient Selection and Risks

Sunday, April 3, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

149 - Transcatheter Aortic Valve Implantation in Patients With Concomitant Mitral or Tricuspid Regurgitation

Maria I. Drakopoulou, Konstantinos Toutouzas, Archontoula Michelongona, Konstantinos Stathogiannis, George Latsios, Andreas Synetos, George Peskasis, Constadina Aggeli, Eleftherios Tsiamis, Dimitris Tousoulis, First Department of Cardiology, University of Athens, Athens, Greece

150 - Impact of Pre-Procedural Significant Mitral Regurgitation Upon Mortality After Transcatheter Aortic Valve Intervention for Severe Aortic Stenosis

Maria I. Drakopoulou, Konstantinos Toutouzas, Konstantinos Stathogiannis, Archontoula Michelongona, George Latsios, Andreas Synetos, Odysseas Kaitozis, Constadina Aggeli, Eleftherios Tsiamis, Dimitris Tousoulis, First Department of Cardiology, University of Athens, Athens, Greece

151 - Incidence, Predictors and Impact of Major Bleeding in Patients Undergoing Transfemoral Transcatheter Aortic Valve Replacement with Bivalirudin or Unfractionated Heparin: From the Effect of Bivalirudin on Aortic Valve Intervention Outcomes (BRAVO) Trial

Didier Tchetché, Gennaro Giustino, Jaya Chandrasekhar, Thierry Lefevre, Roxana Mehran, Eberhard Grube, Christian Kupatt, Nicolas Dumonteil, John Webb, Antonio Colombo, Stephan Windecker, Peter Boekstegers, Axel Linke, Eric Van Belle, Gennaro Sardella, Oliver Husser, David Hildick-Smith, Efthymios Deliargyris, Promodoros Anthonopoulos, Raban Jeger, Christophe

Tron, Andreas Fach, Anita Asgar, Christian Hengstenberg, George Dangas, Icahn School of Medicine at Mount Sinai, New York, NY, USA

152 - Multiple Biomarkers of Cardiovascular Stress Risk Stratify Patients With Aortic Stenosis and a Preserved Ejection Fraction Undergoing Aortic Valve Replacement

Marc Sintek, Nishath Quader, Hersh Maniar, Alan Zajarias, Eric Novak, Anna Vatterott, Cassie Lawler, Alejandro Aquino, John Lasala, Jared Breyley, Jennifer Lawton, Marc Moon, Spencer Melby, Ralph Damiano, Brian Lindman, Washington University in St. Louis, St. Louis, MO, USA

153 - Impact of Renal Dysfunction on Transcatheter Aortic Valve Replacement Outcome in a Large Multicenter Cohort

Pablo Codner, Amos Levi, Giuseppe Gargiulo, Fabien Praz, Kentaro Hayashida, Amer Masalha, Yusuke Watanabe, Darren Mylotte, Nicolas Debry, Marco Barbanti, Thierry Lefevre, Thomas Modine, Bosmans Johan, Stephan Windecker, Georg Nickenig, Israel Barbash, Jan-Malte Sinning, Alon Barsheshet, Ran Kornowski, Rabin Medical Center & Tel Aviv University, Petah Tikva, Israel

154 - The Association of Frailty With Mortality in High Risk Patients Undergoing Transcatheter Aortic Valve Replacement: An Analysis of the PARTNER II Alternative Access Cohorts

Hersh Maniar, Alan Zajarias, Nishath Quader, Suzanne Arnold, David Cohen, Michael Mack, Spencer Melby, Maria Alu, Girma Ayele, Brian Lindman, John Lasala, Augusto Pichard, Stephen Ramee, Vinod Thourani, Wilson Szeto, Martin Leon, Philip Green, Washington University, St. Louis, MO, USA

155 - Predictors of Acute Kidney Injury Following Transcatheter Aortic Valve Replacement: A Meta-Analysis

Tomo Ando, Kamyar Arasteh, Mount Sinai Beth Israel, New York, NY, USA

156 - Transcatheter Aortic Valve Replacement (TAVR) Is Associated With a Higher Rate of Permanent Pacemaker Implantation Compared to Surgical Aortic Valve Replacement (SAVR): A Propensity Matched Analysis

Neeraj Shah, Achint Patel, Nileshkumar Patel, Vratika Agarwal, Jalaj Garg, Nainesh Patel, David Cox, Lehigh Valley Health Network, Allentown, PA, USA

157 - Adverse Impact of Aortic Regurgitation on the Long-Term Survival of Patients With Native Aortic Valve Stenosis

Paul Sorajija, Patrick Nelson, Richard Bae, Yader Sandoval, John Lesser, Wesley Pedersen, Lisa Tindell, Kevin Harris, Robert Farivar, Center for Valve and Structural Heart Disease, Minneapolis Heart Institute Foundation, Minneapolis, MN, USA

158 - Treatment of Severe Aortic Stenosis in Patients With End-Stage Renal Disease on Dialysis

Jose Francisco Condado Contreras, Aneel Maini, Vinod Thourani, Chandan Devireddy, Bradley Leshnowar, Kretton Mavromatis, Eric Sarin, James Stewart, Robert Guyton, Jessica Forcillo, Ateet Patel, Amy Simone, Patricia Keegan, Peter Block, Vasilis Babaliaros, Emory University, Atlanta, GA, USA

159 - Iliopsoas Area as an Objective Frailty Assessment Tool for TAVR

Lohit Garg, Timothy Pow, Michael Gallagher, Amr Abbas, George Hanzel, Robert Safian, Francis Shannon, Sahil Agrawal, Ivan Hanson, Beaumont Health System, Royal Oak, MI, USA

160 - The Effect of Procedural Volume and Experience on Clinical Outcomes After Transcatheter Aortic Valve Replacement: Results From the International Multicenter TAVR Registry

Anthony Wassef, Josep Rodes-Cabau, John Webb, Antonio J. Muñoz-García, Corrado Tamburino, Antonio Dager, Vicente Serra, Ignacio Amat-Santos, Eric Dumont, Hatim Al Lawati, Sami Alnasser, Marina Urena, Marco Barbanti, Luis Benitez, Juan H. Alonso Briaes, Bruno García del Blanco, Christopher Buller, Mark Peterson, Asim Cheema, St Michael's Hospital, Toronto, Canada



161 - STS Risk Score as Predictor of 30-Day Mortality in Transcatheter Versus Surgical Aortic Valve Replacement  
Prakash Balan, Tom Nguyen, Anthony Estrera, Pranav Loyalka, Biswajit Kar, Igor Gregoric, Richard Smalling, University of Texas Houston, Houston, TX, USA

162 - The Association of Frailty With Mortality in High Risk Patients Undergoing Transcatheter Aortic Valve Replacement: An Analysis of the PARTNER II B Transfemoral Cohort  
Alan Zajarias, Hersh Maniar, Suzanne Arnold, Nishath Quader, David Cohen, Spencer Melby, Maria Alu, Girma Ayele, Brian Lindman, John Lasala, Raj Makkar, Vasilis Babaliaros, Howard Herrmann, Michael Mack, Martin Leon, Philip Green, Washington University, St. Louis, MO, USA

163 - Long-Term Mortality in Patients With Severe Chronic Kidney Disease Treated With Transcatheter or Surgical Aortic Valve Replacement: A Propensity-Matched Analysis  
Grant W. Reed, Amar Krishnaswamy, Zoran Popovic, Stephanie Mick, Jose Navia, Eric Roselli, Paul Schoenhagen, Lars Svensson, E. Murat Tuzcu, Samir Kapadia, Cleveland Clinic, Cleveland, OH, USA

164 - Renal Function Post TAVI, a Significant Predictor of Mortality: Introducing the ACEF-7 Score  
Slayman Nabih Obeid, Maurizio Taramasso, Fabian Nietlispach, Francesco Maisano, Felix Tanner, Thomas Luscher, Eric Holy, University Hospital Of Zurich, Zurich, Switzerland

165 - Impact of Chronic Kidney Disease on Outcomes in Patients Undergoing Transfemoral Transcatheter Aortic Valve Replacement With Bivalirudin or Unfractionated Heparin: From the Effect of Bivalirudin on Aortic Valve Intervention Outcomes (BRAVO) Trial  
Christian Hengstenberg, Gennaro Giustino, Thierry Lefevre, Christian Kupatt, Didier Tchetche, Ulrich Schaefer, Antonio Colombo, Peter Boekstegers, Roxana Mehran, Axel Linke, Oliver Husser, Eberhard Grube, Efthymios Deliargyris, Debra Bernstein, Prodromos Anthonopoulos, George Dangas, Deutsches Herzzentrum München, Munich, AB, Germany

166 - Impact of Atrial Fibrillation on Outcomes and Cost in Patients Undergoing Transcatheter Aortic Valve Replacement  
Saurabh Aggarwal, Rohit Loomba, Navdeep Gupta, Arun Kanmanthareddy, Manu Kaushik, Venkata Alla, Claire Hunter, Aryan Mooss, Rohit Arora, Dennis Esterbrooks, Creighton University School of Medicine, Omaha, NE, USA

### ACC.i2 Interventional Cardiology - Poster Contributions

#### Session #1177

#### ACC.i2 Interventional Cardiology: IVUS and Intravascular Physiology

Sunday, April 3, 2016, 9:30 a.m. - 12:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

171 - Endothelium Dependent and Independent Vasodilator Responses After Heart Transplantation: Geographic Distribution and Association With Progression of Cardiac Allograft Vasculopathy  
Kozo Okada, Takumi Kimura, Kojiro Miki, Paul Yock, Alan Yeung, Peter Fitzgerald, Helen Luikart, Kiran Khush, Yasuhiro Honda, William Fearon, Division of Cardiovascular Medicine, Cardiovascular Institute, Stanford University, Stanford, CA, USA

172 - Assessment of Bioresorbable Scaffold Struts With a Novel High-Definition 60MHz IVUS Imaging System: Comparison With 40MHz IVUS and Optical Coherence Tomography  
Kozo Okada, Hideki Kitahara, Yoshiaki Mitsutake, Takumi Kimura, Kojiro Miki, Fumiaki Ikeno, Paul Yock, Peter Fitzgerald, Yasuhiro Honda, Division of Cardiovascular Medicine, Cardiovascular Institute, Stanford University Medical Center, Stanford, CA, USA

173 - The Use of Instantaneous Wave-Free Ratio in a Real World Practice  
Yumiko Kanej, Madeeha Saeed, Naoki Misumida, Michael Ruisi, John Fox, Mount Sinai Beth Israel, New York, NY, USA

174 - Potential Benefit of Using Pressure Wire in Hemodynamic Assessment of Paradoxical Low Flow, Low Gradient Severe Aortic Stenosis With Preserved Ejection Fraction  
Zaher Fanari, Jhapat Thapa, Kamleish Persad, Sumaya Hammami, Michael Kostal, Joseph West, Erik Marshall, William Weintraub, Andrew Doorey, University Of Kansas School of Medicine, Kansas City, KS, USA, Christiana Care Health System, Newark, DE, USA

175 - Assessment of Peri-Strut Low Intensity Areas Identified by Optical Coherence Tomography After Stent Implantation: An Ex Vivo Histological Validation Study  
Kenji Kawaj, Kenichi Fujii, Hiroyuki Hao, Masahiko Shibuya, Takahiro Imanaka, Ten Saita, Rika Kawakami, Hiroto Tamaru, Akinori Sumiyoshi, Tetsuo Horimatsu, Seiichi Hirota, Tooru Masuyama, Masaharu Ishihara, Hyogo College of Medicine, Nishinomiya, Japan

176 - Comparison of the Prognostic Value of Non-Ischemic FFR (>0.80) Using Intracoronary versus Intravenous Adenosine  
Naga Venkata K. Pothineni, Ahmed Almomani, Jason Payne, Mohan Edupuganti, Shiv Kumar Agarwal, Sameer Raina, Fnu Shailesh, Srikanth Kasula, Sabha Bhatti, Barry Uretsky, Abdul Hakeem, Central Arkansas Veterans Healthcare System, Little Rock, AR, USA, University of Arkansas for Medical Sciences, Little Rock, AR, USA

177 - Discordance Between Coronary Flow Reserve and Fractional Flow Reserve: Insights From Coronary Plaque Burden and Epicardial and Microvascular Resistance Analysis  
Sung Gyun Ahn, Olivia Hung, Parham Eshtehardi, Yasir Bouchi, Wenjie Zeng, Jon Suh, Bill Gogas, Habib Samady, Emory University Hospital, Atlanta, GA, USA, Yonsei University Wonju College of Medicine, Wonju, South Korea

178 - Temporal Changes in Fractional Flow Reserve in Initially Deferred Vessels in Symptomatic Patients  
Jason J. Payne, Shiv Kumar Agarwal, Mohan Edupuganti, Naga Venkata Pothineni, Ahmed Almomani, Sabha Bhatti, Barry Uretsky, Abdul Hakeem, Central Arkansas Veterans Healthcare System, Little Rock, AR, USA, UAMS, Little Rock, AR, USA

179 - Residual Thrombus Pattern in Patients With ST-Segment Elevation Myocardial Infarction Caused by Plaque Erosion, Plaque Rupture, Versus Calcified Nodule After Aspiration Thrombectomy: An Optical Coherence Tomography Study  
Takumi Higuma, Tsunenari Soeda, Masahiro Yamada, Hiroaki Yokoyama, Takashi Yokota, Kei Izumiya, Fumie Nishizaki, Yoshiyasu Minami, Lei Xing, Hang Lee, Ken Okumura, Ik-Kyung Jang, Massachusetts General Hospital, Boston, MA, USA

180 - Effect of Additional Intracoronary Nicorandil Administration During Fractional Flow Reserve Measurement With Intravenous ATP Infusion  
Hironori Takami, Shinjo Sonoda, Yoshitaka Muraoka, Yoshinori Sanuki, Yuki Tsuda, Masaru Araki, Yutaka Otsuji, University of Occupational and Environmental Health, Kitakyushu, Japan

181 - Optical Coherence Tomography Assessment of Morphological Characteristics in Patients With Suspected Coronary Artery Disease, but With Angiographically Non-Obstructive Lesions  
Myong Hwa Yamamoto, Akiko Maehara, Lei Song, Mitsuaki Matsumura, Chee Yang Chin, Monica Losquardo, Fernando Sosa, Gary Mintz, Richard Shlofmitz, Cardiovascular Research Foundation, New York, NY, USA, St. Francis Hospital, Roslyn, NY, USA





## 182 - Hybrid iFR-CMR Decision-Making Strategy

Keisuke Senda, Kenichi Karube, Takashi Midorikawa, Soichiro Ebisawa, Uichi Ikeda, Department of Cardiology, Okaya Municipal Hospital, Okaya, Japan, Department of Cardiology, Shinshu University School of Medicine, Matsumoto, Japan

## 183 - Impact of Eicosapentaenoic Acid Prevents on Late Neointimal Proliferation: A Serial Volumetric Frequency Domain-Optical Coherence Tomography Study

Ryotaro Yamada, Teruyoshi Kume, Yutaka Goryo, Kenzo Fukuhara, Yoji Neishi, Terumasa Koyama, Ai Kawamura, Kikuko Obase, Tomoko Tamada, Koichiro Imai, Hiroshi Okamoto, Yusuke Kobayashi, Shiro Uemura, Kawasaki Medical School, Kurashiki, Japan

## 184 - Association of Intimal Neovessels and Presence of C4d Immune-Staining in Cardiac Transplant Recipients

David Yoo, Ravi Parikh, Diljon Chahal, Amal Chaudhry, Mukta Srivastava, University of Maryland Medical Center, Baltimore, MD, USA, George Washington University School of Medicine and Health Sciences, Washington, DC, USA

## 185 - Prevalence and Predictors of Coronary Microvascular Dysfunction Among Patients With Ischemia and Non-Obstructive CAD

Adil Sattar, Judith Mondragon, Stacey Clegg, Mark Sheldon, Bina Ahmed, University of New Mexico, Albuquerque, NM, USA

## 186 - Mechanisms and Patterns of In-Stent Restenosis Among Bare-Metal and 1st and 2nd Generation Drug-Eluting Stents: An Optical Coherence Tomography Study

Lei Song, Gary Mintz, Myong Hwa Yamamoto, Chee Yang Chin, Mitsuki Matsumura, Ajay Kirtane, Manish Parikh, Jeffrey Moses, Ziad Ali, Richard Shlofmitz, Akiko Maehara, St. Francis Hospital, New York, NY, USA, NewYork-Presbyterian Hospital/Columbia University Medical Center, New York, NY, USA

## 187 - Fusion of Intravascular Ultrasound and Optical Coherence Tomography Imagings to Comprehensively Assess Calcified Plaque Development In- and Out-Scaffold Segments After Bioresorbable Absorb Scaffold Implantation

Yaping Zeng, Hiroki Tateishi, Erhan Tenekecioglu, Rafael Cavalcante, Pannipa Suwannsom, Yohei Sotomi, Felipe Albuquerque, Yoshinobu Onuma, Patrick Serruys, Department of Cardiology, Thorax Centre, Erasmus Medical Center, Rotterdam, The Netherlands

## 188 - Increased Lipid-Rich Plaque but Not Greater Plaque Burden in Myocardial Infarction Lesions: The COLOR Registry

Cheolmin Lee, Akiko Maehara, Mitsuki Matsumura, Yamamoto Myong Hwa, Annapoorna Kini, David Rizik, Eric Powers, Priti Shah, James Muller, Jordan Andrews, Gregg Stone, Gary Mintz, Stephen Nicholls, Giora Weisz, Cardiovascular Research Foundation, New York, NY, USA

## 189 - Evaluation of In-Stent Neointimal Hyperplasia Using Administration of Microbubble Contrast Agents During Optical Coherence Tomography

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

## 190 - Effect of Upstream and Downstream Bifurcation Proximity on Coronary Plaque Changes After 1 Year Using Computer Aided Intravascular Ultrasound Analysis

Zhi Chen, Andreas Wahle, Hana Skalicka, Ales Kral, John Lopez, Tomas Kovarnik, Milan Sonka, Iowa Institute for Biomedical Imaging, Dept. of Electrical&Comp. Engineering, The Univ. of Iowa, Iowa City, IA, USA, Dept. of Cardiovascular Medicine, First Faculty of Medicine, Charles University and General Hospital, Prague, Czech Republic

ACC.i2 Interventional Cardiology - Moderated Poster Contributions  
Session #1196M

## ACC.i2 Complex PCI: Practice to Policy

Sunday, April 3, 2016, 9:45 a.m. - 10:30 a.m.

ACC.i2 Interventional Cardiology Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

9:45 a.m.

The Safety of Percutaneous Coronary Intervention in Patients Turned Down for Surgical Revascularization: Insights From the Blue Cross Blue Shield of Michigan Cardiovascular Consortium

Devraj Sukul, Milan Seth, Simon Dixon, Mark Zainea, Nicklaus Slocum, Elizabeth Pielsticker, Hitinder Gurm, University of Michigan, Ann Arbor, MI, USA

9:55 a.m.

Question and Answer

10:00 a.m.

Readmission Trends After Percutaneous Coronary Intervention in the Medicare Population From 2000-2012

Christina Vassileva, Christian McNeely, Stephen Markwell, Southern Illinois University School of Medicine, Springfield, IL, USA, Washington University School of Medicine, St. Louis, MO, USA

10:10 a.m.

Question and Answer

10:15 a.m.

The Impact of Bleeding Avoidance Strategies on Hospital-Level Variation in Bleeding Rates Following Percutaneous Coronary Intervention: Insights From the NCDR CathPCI Registry

Amit Vora, Eric Peterson, Lisa McCoy, Kirk Garratt, Michael Kutcher, Steven Marso, Matthew Roe, John Messenger, Sunil Rao, Duke Clinical Research Institute, Durham, NC, USA, Duke University Medical Center, Durham, NC, USA

10:25 a.m.

Question and Answer

ACC Poster Moderator: Eric R. Bates

ACC Poster Moderator: Prashant Kaul

## ACC.i2 Interventional Cardiology - Scientific Session

## Session #664

## Left Atrial Appendage (LAA) Closure for Stroke Prevention in Atrial Fibrillation

Sunday, April 3, 2016, 10:45 a.m. - 12:15 p.m.

Room S102

CME Hours: 1.5 /CNE Hours: 0

Co-Chair: Matthew J. Price

Co-Chair: Jason H. Rogers

10:45 a.m.

Current Dataset for the Safety and Efficacy of LAA Closure for Stroke Prevention

Vivek Yerrapu Reddy

11:00 a.m.

Question and Answer

11:03 a.m.

Current Role of Percutaneous LAA Ligation in Stroke Prevention for AF

Ehrin J. Armstrong  
Denver, CO



11:18 a.m.  
Question and Answer

11:21 a.m.  
Selecting the Right Strategy for the Right Patient: NOAC, Warfarin, or LAA Closure?  
Miguel Valderrabano  
Houston, TX

11:36 a.m.  
Question and Answer

11:39 a.m.  
Ensuring Quality of Care: Monitoring Real-World Outcomes After LAA Closure  
Paul D. Varosy  
Denver, CO

11:54 a.m.  
Question and Answer

11:57 a.m.  
After the WATCHMAN: Novel and Next Generation LAA Closure Devices and Regulatory Pathways for Approval  
Brian K. Whisenant  
Salt Lake City, UT

12:12 p.m.  
Question and Answer

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #666

#### Antithrombotic/Anticoagulant Regimens in ACS: Focus on Acute Care

Sunday, April 3, 2016, 10:45 a.m. - 12:15 p.m.

Room S103cd

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Deepak L. Bhatt

Co-Chair: Sarah A. Spinler

10:45 a.m.  
Welcome and Introductions: Session Objectives  
Deepak L. Bhatt

10:50 a.m.  
Session I: STEMI. Choices in Anticoagulants for Primary PCI: How Do You Choose?  
Cindy L. Grines  
Detroit, MI

11:00 a.m.  
Session I: STEMI. A Fine Line of Balancing Bleeding and Ischemia in STEMI  
Stephan Windecker  
Bern, Switzerland

11:10 a.m.  
Best First Line Anticoagulant Agent for Primary PCI: Bivalirudin  
Marco Valgimigli  
Bern, Switzerland

11:15 a.m.  
Best First Line Anticoagulant Agent for Primary PCI: Heparin +GPI  
Duane S. Pinto  
Boston, MA

11:20 a.m.  
Best First Line Anticoagulant Agent for Primary PCI: Heparin Alone  
Keith Oldroyd  
United Kingdom

11:25 a.m.  
Interactive Panel Discussion: Moderator  
David E. Kandzari  
Atlanta, GA

11:25 a.m.  
Panel Discussion

Panelist: Theodore A. Bass  
Panelist: Duane S. Pinto  
Panelist: Marco Valgimigli

11:40 a.m.  
Session II: Role of Antiplatelets in ACS. Focus on Acute Care: Clopidogrel-Cheap and Easy to Use  
Usman Baber  
New York, NY

11:45 a.m.  
Session II: Role of Antiplatelets in ACS. Focus on Acute Care: Prasugrel  
Davide Capodanno  
Catania, Italy

11:50 a.m.  
Session II: Role of Antiplatelets in ACS. Focus on Acute Care: Ticagrelor  
Stefan K. James  
Uppsala, Sweden

11:55 a.m.  
Session II: Role of Antiplatelets in ACS. Focus on Acute Care: IV Cangrelor  
Robert A. Harrington  
Stanford, CA

12:00 p.m.  
Case Presentation: Patient Requiring Surgery Soon After DES Placement...What to Do?  
Subhash Banerjee  
Dallas, TX

12:05 p.m.  
Interactive Panel Discussion: Moderator  
Sunil V. Rao  
Durham, NC

12:05 p.m.  
Panel Discussion

Panelist: Stephen D. Wiviott  
Panelist: Stefan K. James  
Panelist: Robert A. Harrington

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #667

#### Mastering Cath Lab Leadership for Quality Outcomes: Joint Symposium of the Society for Cardiovascular Angiography and Interventions and the American College of Cardiology

Sunday, April 3, 2016, 10:45 a.m. - 12:15 p.m.

Room S104

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Robert J. Applegate  
Co-Chair: Charles E. Chambers

10:45 a.m.  
Role of the Cath Lab Medical Director  
Ehtisham Mahmud



11:00 a.m.  
Economics of the Contemporary Cath Lab  
Robert J. Applegate  
Winston-Salem, NC

11:15 a.m.  
Service Line Leadership: Integrating all of the Parts  
Kirk N. Garratt  
New York, NY

11:30 a.m.  
Conflict Resolution: Don't Cater to the Bottom  
James C. Blankenship  
Danville, PA

11:45 a.m.  
Strategy for Optimal Quality Outcomes in the Cath Lab  
Charles E. Chambers  
Hershey, PA

12:00 p.m.  
Question and Answer

### ACC.i2 Interventional Cardiology - Oral Contributions

#### Session #665

#### ACC.i2 Interventional Challenging Cases: Coronary -- Endovascular

Sunday, April 3, 2016, 10:45 a.m. - 12:15 p.m.

Room S103ab

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Robert W. Yeh  
Co-Chair: Dimitrios Karpaliotis  
Panelist: Mazen S. Abu-Fadel  
Panelist: Khaldoun Alaswad  
Panelist: Emmanouil S. Brilakis  
Panelist: Navin Kapur  
Panelist: Anand Prasad  
Panelist: Minh Vo

10:45 a.m.  
Percutaneous Closure of a Large Saphenous Vein Graft Aneurysm  
Compressing Pulmonary Artery Using Amplatzer Vascular Plugs and Coils  
Asim Rafique, Rahul Sharma, Devin Kehl, Suhail Dohad, Cedars-Sinai Medical Center, Los Angeles, CA, USA, UCLA Medical Center, Los Angeles, CA, USA

10:55 a.m.  
Panel Discussion

11:00 a.m.  
Management Of Guidewire-induced Distal Coronary Perforation Using Autologous Fat Particles  
Kamal Shemisa, Subhash Banerjee, Emmanouil Brilakis, VA North Texas Healthcare System, Dallas, TX, USA, UT Southwestern Medical Center, Dallas, TX, USA

11:10 a.m.  
Panel Discussion

11:15 a.m.  
Implantation of an Innovative Percutaneous Right Ventricular Assist Device in Acute Right Ventricular Infarction  
Shailendra Singh, Evelina Grayver, Alexander Lee, Rajiv Jauhar, North Shore LJ Hofstra School of Medicine, Manhasset, NY, USA

11:25 a.m.  
Panel Discussion

11:30 a.m.  
Ultrasound-Accelerated Catheter-Directed Thrombolysis of Inferior Vena Cava Filter Thrombosis  
Osama Dasa, Qaiser Shafiq, Rajesh Gupta, Samer Khouri, Mohammed Ruzieh, University of Toledo Medical Center, TOLEDO, OH, USA

11:40 a.m.  
Panel Discussion

11:45 a.m.  
Measurement of Pulmonary Artery Pressure in a Patient with a SynCardia Total Artificial Heart  
Barry A. Love, Sean Pinney, Ani Anyanwu, Mount Sinai Medical Center, New York, NY, USA

11:55 a.m.  
Panel Discussion

12:00 p.m.  
An Interventionalist's Nightmare: Rotational Atherectomy Complication  
Ronnie Ramadan, Beth Israel Deaconess Medical Center, Boston, MA, USA

12:10 p.m.  
Panel Discussion

### ACC.i2 Interventional Cardiology - Special Session

#### Session #405

#### Joint American College of Cardiology/TCT Late-Breaking Clinical Trials

Sunday, April 3, 2016, 10:45 a.m. - 12 p.m.

Main Tent (North Hall B1)

CME Hours: 1.25 /CNE Hours: 1.25

Chair: Gregg W. Stone  
Co-Chair: Neil E. Moat Kingdom  
Panelist: J. Dawn Abbott  
Panelist: Bernard J. Gersh  
Panelist: James Bernard Hermiller  
Panelist: James B. McClurken  
Panelist: Jeffrey J. Popma

10:45 a.m.  
The Third DANish Study of Optimal Acute Treatment of Patients with ST-segment Elevation Myocardial Infarction: DEFERred stent implantation in connection with primary PCI  
Henning Kelbæk, Lars Kober, Steffen Helqvist, Dan Høfsten, Lene Kløvgaard, Peter Clemmensen, Lene Holmvang, Erik Jørgensen, Frants Pedersen, Kari Saunamaki, Ole De Backer, Jan Ravkilde, Hans-Henrik Tilsted, Anton Villadsen, Jens Aaroe, Svend Eggert Jensen, Bent Raungaard, Hans Erik Bøtker, Christian Juhl Terkelsen, Lisette Okkels Jensen, Lia Bang, Peer Grande, Christian Torp-Pedersen, Thomas Engstrøm, Rigshospitalet University of Copenhagen, Copenhagen, Denmark

10:55 a.m.  
Panel Discussion

11:00 a.m.  
The Third DANish Study of Optimal Acute Treatment of Patients with ST-segment Elevation Myocardial Infarction: iPOSTconditioning during primary PCI  
Thomas Engstrøm, Henning Kelbæk, Steffen Helqvist, Dan Høfsten, Lene Kløvgaard, Peter Clemmensen, Lene Holmvang, Erik Jørgensen, Frants Pedersen, Kari Saunamaki, Jan Ravkilde, Hans-Henrik Tilsted, Anton Villadsen, Jens Aaroe, Svend Eggert Jensen, Bent Raungaard, Hans Erik Bøtker, Christian Juhl Terkelsen, Anne Kalsoft, Michael Mæng, Lars Krusell, Lisette Jensen, Karsten T Veien, Christian Torp-Pedersen, Lars Kober, Rigshospitalet University of Copenhagen, Copenhagen, Denmark



11:10 a.m.  
Panel Discussion

11:15 a.m.  
Effect Of Early Administration Of Intravenous Beta Blockers In Patients With ST-elevation Myocardial Infarction Before Primary Percutaneous Coronary Intervention. The Early-BAMI trial.

Vincent Roolvink, Borja Ibanez, Jan Paul Ottervanger, Gonzalo Pizarro, Niels van Royen, Alonso Mateos-Rodriguez, Jan-Henk Dambrink, Noemi Escalera, Erik Lipsic, Wouter Remkes, Victoria Hernandez-Jaras, Elvin Kedhi, Joaquin Alonso, maarten van Leeuwen, robin nijveldt, Sonja Postma, Marcel Gosselink, Jan Piek, Valentin Fuster, Arnoud Hof, Isala, Zwolle, The Netherlands

11:25 a.m.  
Panel Discussion

11:30 a.m.  
Sapien 3 Transcatheter Aortic Valve Replacement versus Surgery in Intermediate-Risk Patients with Severe Aortic Stenosis: A Propensity-Matched Comparison of One-Year Outcomes  
Vinod H. Thourani, Susheel Kodali, Raj Makkar, Howard Herrmann, Vasili Babaliaros, Richard Smalling, Scott Lim, S. Chris Malaisrie, Samir Kapadia, Wilson Szeto, Kevin Greason, Dean Kereiakes, Gorav Ailawadi, Jonathon Leipsic, Brian Whisenant, Rebecca Hahn, Philippe Pibarot, Wael Jaber, Rakesh Suri, Lars Svensson, John Webb, Michael Mack, D. Craig Miller, Craig Smith, Martin Leon, Emory University, Atlanta, GA, USA, Columbia University Medical Center, New York, NY, USA

11:40 a.m.  
Panel Discussion

11:45 a.m.  
Relationship Between Procedure Volume and Outcome for Transcatheter Aortic Valve Replacement in U.S. Clinical Practice: Insights from the STS/ACC TVT Registry  
John D. Carroll, Sreekanth Vemulapalli, Dadi (David) Dai, Roland Matsouaka@dm.duke.edu, Eugene Blackstone, Fred Edwards, Frederick Masoudi, Michael Mack, Eric Peterson, David Holmes, John Rumsfeld, E. Murat Tuzcu, Frederick Grover, University of Colorado, Aurora, CO, USA, Duke University, Durham, NC, USA

11:55 a.m.  
Panel Discussion

### ACC.i2 Interventional Cardiology - Live Cases Session #204

#### ACC.i2 Live Case Session IV: Coronary Imaging and Physiology from Barnes Jewish Hospital, St. Louis

Sunday, April 3, 2016, 12:30 p.m. - 1:45 p.m.

Main Tent (North Hall B1)

CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m.  
Live Case Operator  
John M. Lasala  
Saint Louis, MO

12:30 p.m.  
Live Case Operator  
Jasvinder Singh  
St Louis, MO

Co-Chair: Antonio Colombo  
Co-Chair: Martin B. Leon  
Panelist: Alexandre Abizaid  
Panelist: Justin E. Davies Kingdom  
Panelist: William Fuller Fearon  
Panelist: Morton J. Kern  
Panelist: Evelyn Regar  
Panelist: Allen Jeremias

### ACC.i2 Interventional Cardiology - Special Session Session #406

#### Featured Clinical Research I: Interventional Cardiology and Surgery Sunday, April 3, 2016, 12:30 p.m. - 1:45 p.m.

Room S103cd

CME Hours: 1.25 /CNE Hours: 1.25

Chair: Martin B. Leon  
Co-Chair: D. Craig Miller  
Panelist: Jeroen J. Bax  
Panelist: Steven F. Bolling  
Panelist: Howard C. Herrmann  
Panelist: David E. Kandzari  
Panelist: Lars G. Svensson

12:30 p.m.  
Papillary Muscle Approximation versus Undersizing Restrictive Annuloplasty Alone for Severe Ischemic Mitral Regurgitation: a Randomized Clinical Trial  
Francesco Nappi, Cristiano Spadaccio, Antonio Nenna, Mario Lusini, Christophe Acar, Massimo Chello, University Campus Bio-Medico, Rome, Italy

12:40 p.m.  
Panel Discussion

12:45 p.m.  
Two-year Outcomes of Surgical Treatment of Moderate Ischemic Mitral Regurgitation: A Randomized Clinical Trial from The Cardiothoracic Surgical Trials Network  
Robert E. Michler, Peter Smith, Michael Parides, Gorav Ailawadi, Vinod Thourani, Alan Moskowitz, Michael Acker, Judy Hung, Helena Chang, Louis Perrault, A. Gillinov, Michael Argenziano, Emilia Bagiella, Jessica Overbey, Ellen Moquete, Marissa Miller, Richard Weisel, James Gammie, Joseph DeRose, John Puskas, Francois Dagenais, Pierre Voisine, Patrick O'Gara, Annetine Gelijns, CTSN Investigators, Icahn School of Medicine at Mount Sinai, New York, NY, USA

12:55 p.m.  
Panel Discussion

1:00 p.m.  
Ten-Year Outcome of Coronary Artery Bypass Graft Surgery Versus Medical Therapy in Patients with Ischemic Cardiomyopathy: Results of the Surgical Treatment for Ischemic Heart Failure Extension Study  
Eric J. Velazquez, Kerry L. Lee, Robert H. Jones, Hussein R. Al-Khalidi, James A. Hill, Julio A. Panza, Robert E. Michler, Robert O. Bonow, Torsten Doenst, Mark C. Petrie, Jae K. Oh, Lilin She, Vanessa Moore, Patrice Desvigne-Nickens, George Sopko, Jean-Lucien Rouleau, Duke Clinical Research Institute, Duke University School of Medicine, Durham, NC, USA

1:10 p.m.  
Panel Discussion

1:15 p.m.  
3-Year Results From the CoreValve US Pivotal High Risk Randomized Trial Comparing Self-Expanding Transcatheter and Surgical Aortic Valves  
G. Michael Deeb, Stanley Chetcuti, David Adams, Jeffrey Popma, Steven Yakubov, Michael Reardon, University of Michigan Medical Center, Ann Arbor, MI, USA



1:25 p.m.  
Panel Discussion

1:30 p.m.  
Incidence and Outcomes of Valve Hemodynamic Deterioration in Transcatheter Aortic Valve Replacement in U.S. Clinical Practice: A Report from the Society of Thoracic Surgery / American College of Cardiology Transcatheter Valve Therapy Registry  
Sreekanth Vemulapalli, Michael Mack, David Holmes, Frederick Grover, Raj Makkar, Vinod Thourani, Pamela Douglas, Duke Clinical Research Institute, Durham, NC, USA

1:40 p.m.  
Panel Discussion

**ACC.i2 Interventional Cardiology - Scientific Session**  
**Session #680**  
**Left Atrial Appendage (LAA) Closure: Technical Considerations**  
**Sunday, April 3, 2016, 12:30 p.m. - 1:45 p.m.**  
**Room S102**  
**CME Hours: 1.25 /CNE Hours: 0**

Co-Chair: Shephal K. Doshi  
Co-Chair: Miguel Valderrabano

12:30 p.m.  
Echocardiographic Assessment of the LAA, Procedural Guidance, and Follow-Up After Closure  
Robert J. Siegel

12:42 p.m.  
Question and Answer

12:45 p.m.  
Transseptal Puncture, Delivery Sheath Selection, and Device Sizing: Techniques for WATCHMAN Safety and Success  
Jason H. Rogers  
Sacramento, CA

12:57 p.m.  
Question and Answer

1:00 p.m.  
Anatomic Challenges to WATCHMAN LAA Closure: Predicting Technical Failure  
Shephal K. Doshi  
Santa Monica, CA

1:12 p.m.  
Question and Answer

1:15 p.m.  
Integrating CT Into Procedural Planning for LAA Occlusion  
Jacqueline W. L. Saw  
Vancouver, Canada

1:27 p.m.  
Question and Answer

1:30 p.m.  
Avoiding Complications With Percutaneous LAA Ligation  
Vivek Yerrapu Reddy  
New York, NY

1:43 p.m.  
Question and Answer

**ACC.i2 Interventional Cardiology - Scientific Session**  
**Session #681**  
**Symptomatic Cerebrovascular Disease**  
**Sunday, April 3, 2016, 12:30 p.m. - 1:45 p.m.**  
**Room S103ab**  
**CME Hours: 1.25 /CNE Hours: 1.25**

Co-Chair: Stephen R. Ramee  
Co-Chair: Christopher J. White

12:30 p.m.  
Beyond Stenosis Severity, Imaging in Carotid Disease  
Michael R. Jaff

12:40 p.m.  
Evolution of CAS: Best Techniques and Expected Outcomes (Proximal Versus Distal Protection)  
Christopher J. White  
New Orleans, LA

12:50 p.m.  
Don't Touch That: Case Selection in CAS (When Is Medical Therapy or CEA Best Option)  
D. Christopher Metzger  
Kingsport, TN

1:00 p.m.  
When and How to Intervene: Vertebral Artery Disease, Common Carotid and Subclavian Disease  
Stephen R. Ramee  
New Orleans, LA

1:10 p.m.  
Novel Access Approaches (Transradial)  
Sasko Kedev  
Skopje, Macedonia, The Former Yugoslav Republic of

1:20 p.m.  
Unresolved Questions and Ongoing Trials in Carotid Revascularization  
Kenneth Rosenfield  
Boston, MA

1:30 p.m.  
Question and Answer

**ACC.i2 Interventional Cardiology - Scientific Session**  
**Session #682**  
**Imaging Transcatheter Mitral Valve Procedures: MitraClip and Beyond**  
**Sunday, April 3, 2016, 12:30 p.m. - 1:45 p.m.**  
**Room S104**  
**CME Hours: 1.25 /CNE Hours: 0**

Co-Chair: Paul A. Grayburn  
Co-Chair: Saibal Kar

12:30 p.m.  
The Landscape of Transcatheter Mitral Valve Interventions  
Francesco Maisano

12:37 p.m.  
Debate on Tools for Imaging the Mitral Valve: CT Is Ideal  
Philipp Blanke  
Vancouver, Canada



12:44 p.m.

Debate on Tools for Imaging the Mitral Valve: Echo Does It All  
Paul A. Grayburn  
Dallas, TX

12:51 p.m.

Rebuttal on Tools for Imaging the Mitral Valve: CT Is Ideal

12:54 p.m.

Rebuttal on Tools for Imaging the Mitral Valve: Echo Does It All

12:57 p.m.

Case Presentation: Complex MitraClip  
Randolph P. Martin  
Atlanta, GA

1:02 p.m.

MitraClip: Patient Selection and Pre-Procedural Planning  
Saibal Kar  
Los Angeles, CA

1:09 p.m.

Post-Procedural Assessment of MitraClip Success  
Elyse Foster  
San Francisco, CA

1:16 p.m.

Case Presentation: TMVR  
Paul Sorajja  
Minneapolis, MN

1:21 p.m.

Imaging Essentials for TMVR  
Nicolo Piazza  
Montreal, Canada

1:28 p.m.

Improving Outcomes for TMVR: Advanced Imaging Options  
Carlos E. Ruiz  
New York, NY

1:35 p.m.

Question and Answer

### ACC.i2 Interventional Cardiology - Moderated Poster Contributions Session #1207M

#### ACC.i2 Coronary Intervention: Novel Therapeutic Strategies

Sunday, April 3, 2016, 12:30 p.m. - 1:45 p.m.

ACC.i2 Interventional Cardiology Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m.

Percutaneous Coronary Intervention in Patients With Insulin Treated Diabetes Mellitus: Insights From the TUXEDO Trial  
Upendra Kaul, Ajit Bhagwat, Brian Pinto, Praveen K. Goel, Prashant Jagtap, Shireesh Sathe, Priyadarshini Arambam, [Sripal Bangalore](#), Fortis Escorts Heart Institute, New Delhi, India

12:40 p.m.

Question and Answer

12:45 p.m.

Costs Associated With Transradial Primary PCI Among Elderly Patients With STEMI in the Medicare Fee-for-Service Beneficiaries  
[Amit P. Amin](#), John House, Rebecca Vigen, Steven Marso, Washington University in St. Louis, St. Louis, MO, USA

12:55 p.m.

Question and Answer

1:00 p.m.

Late Clinical Outcomes After Bioresorbable or Permanent Polymer Everolimus-Eluting Stents: 2-Year Results From the EVOLVE II Randomized Trial

[Dean J. Kereiakes](#), Ian Meredith, Stephan Windecker, Ameer Kabour, Alain Bouchard, Annapoorna Kini, Luc Janssens, Michael Foster, Robert Stoler, Thomas Stuckey, Wayne Batchelor, Thomas Christen, Dominic Allocco, Keith Dawkins, The Christ Hospital Heart and Vascular Center/ The Lindner Research Center, Cincinnati, OH, USA

1:10 p.m.

Question and Answer

1:15 p.m.

Seven-Year Outcome After TAVI  
[Caire Bouleti](#), Benjamin Alos, Dominique Himbert, Bernard Lung, Marina Urena, Eric Brochet, Phalla Ou, Patrick Nataf, Alec Vahanian, Bichat Hospital, Cardiology Department, Paris, France

1:25 p.m.

Question and Answer

1:30 p.m.

Economic Outcomes of Bioresorbable Vascular Scaffolds Versus Everolimus-Eluting Stents in Patients Undergoing Percutaneous Coronary Revascularization: One Year Results From the ABSORB III Trial  
[Suzanne Baron](#), Yang Lei, Katherine Vilain, Elizabeth Magnuson, Dean Kereiakes, Stephen Ellis, Gregg Stone, David Cohen, St. Luke's Mid America Heart Institute, Kansas City, MO, USA

1:40 p.m.

Question and Answer

ACC Poster Moderator: William W. O'Neill

ACC Poster Moderator: Sahil A. Parikh

### ACC.i2 Interventional Cardiology - Poster Contributions Session #1222

ACC.i2 Interventional Cardiology: Complex Patients/Comorbidities  
Sunday, April 3, 2016, 1:30 p.m. - 4:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

109 - Clinical Impact of Appropriate Use Criteria (AUC) for Coronary Revascularization in Consecutive, Non-Selected Patients Treated With Drug-Eluting Stents: Insights From the DESIRE Registry  
[Jose de Ribamar Costa](#), Ana Cristina Seixas, Amanda Sousa, Adriana Moreira, Ricardo Costa, Lucas Damiani, Cantidio Campos Neto, Ricardo Pavanello, Galo Maldonado, Manuel Cano, J Eduardo Sousa, HCOR, São Paulo, Brazil

110 - Desire Risk Score for Prediction of In-Hospital and Late Follow-Up MACE After Percutaneous Coronary Interventions With Drug-Eluting Stents  
[Jose de Ribamar Costa](#), Adriana Moreira, Amanda Sousa, Ricardo Costa, Dimytri Siqueira, Galo Maldonado, Manuel Cano, Ricardo Pavanello, Lucas Damiani, Cantidio Campos Neto, J. Sousa, Hospital do Coração, São Paulo, Brazil

111 - 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, Dimytri Siqueira, Manuel Cano, Galo Maldonado, Cantidio Campos Neto, Lucas Damiani, Ricardo Pavanello, J Eduardo Sousa, Hospital do Coração, São Paulo, Brazil



112 - High Impact, High Risk: Percutaneous Coronary Intervention in Post-Cardiac Arrest Patients With ST-Elevation Myocardial Infarction Is Associated With Increased Survival Along With Increased Public Reporting Mortality  
David T. Kidwell, Jinesh P. Shah, Adam Farber, Kipp Slicker, Ryan Mack, Andrew M. Shakespeare, Matthew J. Crowe, Jessica E. Pruszynski, Margaret K. Strecker-McGraw, Carl Tong, Steven Costa, Timothy Mixon, Texas A&M Health Science Center / Baylor Scott & White Health, Temple, TX, USA

113 - Contrast-Induced Acute Kidney Injury in Patients Undergoing Percutaneous Coronary Interventions Is Associated With More 30-Day Hospital Readmissions

Jessica Parsh, Milan Seth, David Miller, John Syrjamaki, Hitinder Gurm, University of Michigan Health System, Ann Arbor, MI, USA

114 - The High Cost of Contrast-Induced Acute Kidney Injury in Patients Undergoing Percutaneous Coronary Interventions

Jessica Parsh, Milan Seth, David Miller, John D. Syrjamaki, Hitinder Gurm, University of Michigan Health System, Ann Arbor, MI, USA

115 - Impact of Baseline Angiographic Complexities on Clinical Outcome in Patients With Previous Coronary Artery Bypass Grafting Undergoing Percutaneous Coronary Intervention

Takuya Nakahashi, Kenji Sakata, Hidenobu Terai, Yuki Horita, Masatoshi Ikeda, Masanobu Namura, Masayuki Takamura, Masa-aki Kawashiri, Masakazu Yamagishi, Division of Cardiovascular Medicine, Kanazawa University Graduate School of Medicine, Kanazawa, Japan

116 - Predictors of Definite or Probable Stent Thrombosis Occurring After 1 Year in a Large Cohort of Patients Treated With Old and New Generation Drug-Eluting Stents in Daily Clinical Practice

Ricardo Costa, Amanda Sousa, Jose de Ribamar Costa, Adriana Moreira, Galo Maldonado, Manuel Cano, Ricardo Pavanello, Cantídio Campos Neto, Lucas Damiani, Jose Eduardo Morais Rego Sousa, Hospital do Coração - Associação do Sanatório Sírio, São Paulo, Brazil

117 - Comprehensive Assessment of Type 2 Myocardial Infarction in At-Risk Patients: Results From the Catheter Sampled Blood Archive in Cardiovascular Diseases (CASABLANCA) Study

Hanna Kim Gaggin, Yuyin Liu, Asya Lyass, Roland Van Kimmenade, Shweta Motiwala, Noreen Kelly, Aditi Mallick, Parul Gandhi, Nasrien Ibrahim, Mandy Simon, Arianna Belcher, Jamie Harisiades, Joseph Massaro, Ralph D'Agostino, James Januzzi, Massachusetts General Hospital, Boston, MA, USA, Harvard Research Clinical Institute, Boston, MA, USA

118 - Randomized Trial to Evaluate Safety and Feasibility of Day Care Percutaneous Coronary Intervention

Sajid A. H. Dhakam, Ambreen Gowani, Ahmad Noor, Imran Iftikhar, Faisal Aslam, The Indus Hospital, Karachi, Pakistan

119 - Transfemoral Tricuspid Valve-in-Valve and Valve-in-Ring Implantation Using the Edwards Sapien XT Valve: One-Year Follow-Up

Claire Boulet, Dominique Himbert, Eric Brochet, Phalla Ou, Bernard Lung, Marina Urena, Walid Ghodbane, Amir-Ali Fassa, Patrick Nataf, Alec Vahanian, Bichat Hospital, Cardiology Department, Paris, France, Bichat Hospital, Cardiac Surgery Department, Paris, France

120 - Prognostic Value of Ankle-Brachial Index in Patients Underwent Percutaneous Coronary Intervention: In-Hospital and Midterm Outcomes from Shinano-Registry

Naoto Hashizume, Takashi Miura, Yasushi Ueki, Tomoaki Mochidome, Mikiko Harada, Naoyuki Abe, Hitoshi Nishimura, Soichiro Ebisawa, Hirohiko Motoki, Ayako Okada, Yuji Shiba, Atsushi Izawa, Jun Koyama, Uichi Ikeda, Department of Cardiology, Shinshu University, Matsumoto-Shi, Nagano-Ken, Japan

121 - Driving Time to Nearest Primary Percutaneous Coronary Intervention Center and Choice of Reperfusion Therapy for ST-Elevation Myocardial Infarction

Hedvig Andersson, Milan Seth, Eric Bates, Hitinder Gurm, University of Michigan, Ann Arbor, MI, USA

122 - Clinical Outcomes in Cancer Patients Treated With Chest Radiation and Coronary Artery Bypass Graft Surgery or Percutaneous Coronary Intervention  
Erin Fender, Jackson Liang, Terence T. Sio, John Stulak, Joshua Slusser, Ryan Lennon, Abhiram Prasad, Jonathan B. Ashman, Robert Miller, Gurpreet Sandu, Mayo Clinic, Rochester, MN, USA

123 - Cost Versus Contraindication: The Comparative Safety of Abciximab Versus Eptifibatid in Patients on Dialysis Undergoing Percutaneous Coronary Intervention: Insights From the Blue Cross Blue Shield of Michigan Cardiovascular Consortium

Devraj Sukul, Milan Seth, Theodore Schreiber, George Hanzel, Akshay Khandelwal, Louis Cannon, Thomas LaLonde, Ronald Miller, Hitinder Gurm, University of Michigan, Ann Arbor, MI, USA

124 - Spontaneous Coronary Artery Dissection: Evaluation of Risk Associations and Predictors of Recurrence

Jordan A. Hess, Benjamin Horne, Tami Bair, Jeffrey Anderson, J. Muhlestein, Intermountain Medical Center, Murray, UT, USA, University of Utah, Salt Lake City, UT, USA

125 - Efficacy and Safety of First Generation Versus Newer Generation Drug-Eluting Stents in Patients With Diabetes: A Direct Comparison Meta-Analysis of 8,438 Patients From Randomized Trials

Chirag Bavishi, Sadik Panwar, Stefania Pirrotta, Usman Baber, George Dangas, Pedro Moreno, Jacqueline Tamis-Holland, Annapoorna Kini, Samin Sharma, Mount Sinai St. Lukes's & Roosevelt Hospitals, New York, NY, USA

126 - Correlates and Impact of Coronary Artery Calcification Visualized by Optical Coherence Tomography

Yash Singbal, Yuliya Vengrenyuk, Takahiro Yoshimura, Usman Baber, Jacobo Pena, Roja Thapi, Jason Kovacic, Joseph Sweeny, Srinivas Kesanakurthy, Choudhury Hasan, Jagat Narula, Samin Sharma, Annapoorna Kini, Mount Sinai Medical Center, New York, NY, USA

127 - Does Preoperative Cardiovascular Disease Influence Postoperative Resolution of Cardiovascular Risk Factors After Bariatric Surgery?

Lindsey Voller, Sayantan Deb, Kaci Dudley, Wes Turner, Michaela Derby, Zachary Ichtter, Dan Azagury, John Morton, Stanford University, Stanford, CA, USA

128 - In-Stent Restenosis due to an Organized Thrombus Assessed With Optical Coherence Tomography After Drug-Eluting Stent Implantation in Hemodialysis Patients

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

129 - Factors Adversely Impacting the Prognostic Value of Non-Ischemic Fractional Flow Reserve

Mohan Mallik Edupuganti, Naga Venkata Pothineni, Jason Payne, Ahmed Almomani, Barry Uretsky, Zubair Ahmed, Abdul Hakeem, Central Arkansas VA Health System, Little Rock, AR, USA, UAMS, Little Rock, AR, USA

130 - Frequency and Effects of Emotional and Physical Stressors in Patients With Spontaneous Coronary Artery Dissection

Sina Alipour, Andrew Starovoytov, Milad Heydari-Kamjani, Brady Robinson, Patrick Daniele, Min Gao, Karin Humphries, G. B. John Mancini, Jacqueline Saw, University of British Columbia, Vancouver, Canada, Vancouver General Hospital, Vancouver, Canada

132 - Role of Early Coronary Intervention in Improving In-Hospital Mortality in Comatose Cardiac Arrest Patients Without ST Elevation Myocardial Infarction: A Meta-Analysis of Observational Studies

Hafeez Hassan, Kamala Ramya Kallur, Saurav Chatterjee, Chirag Bavishi, Carlos Gongora, Angela Palazzo, Eyal Herzog, Debabrata Mukherjee, Partha Sardar, Robert Kornberg, Mount Sinai St. Lukes Roosevelt Hospital, New York, NY, USA



## ACC.i2 Interventional Cardiology - Poster Contributions

Session #1223

## ACC.i2 Interventional Cardiology: Carotid and Endovascular Intervention

Sunday, April 3, 2016, 1:30 p.m. - 4:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

133 - Impact of Nitinol Self-Expanding Stent on the Patency of Subintimal Angioplasty for Below-The-Knee Occlusions With Critical Limb Ischemia (NEXSIA-BTK): Multicenter, Prospective Registry

Jaewon Oh, Young-Guk Ko, Seung Woon Rha, Ki-Chang Kim, Sang-Ho Park, Donghoon Choi, Severance Cardiovascular Hospital, Seoul, South Korea

134 - Carotid Artery Stenting in Octogenarians: Success Rate, Complications and Long-Term Follow-Up of a Single-Center Cohort

Juergen Kammler, Hermann Blessberger, Alexander Kypta, Michael Lichtenauer, Thomas Lambert, Alexander Nahler, Christian Reiter, Stefan Schwarz, Joerg Kellermaier, Clemens Steinwender, 1st Medical Department-Cardiology, General Hospital Linz, J. Kepler University School of Medicine, Linz, Austria

135 - Predictor of Renal Function After Renal Artery Stent Placement Among Patients With Atherosclerotic Renal Artery Stenosis: Role of Renal Perfusion

Masanori Shiba, Masato Nakamura, Toho University Ohashi Medical Center, Tokyo, Japan

136 - Decreased Fluoroscopy Time and Contrast Use When Utilizing Optical Coherence Tomography (OCT) Guided Superficial Femoral Artery Chronic Total Occlusion Intervention

Perwaiz M. Meraj, Rajkumar Doshi, Pavitra Vijayaraghavan, Krishna Patel, Daniel Helfgott, Avneet Singh, North Shore LIJ Health System, Manhasset, NY, USA

137 - The Characteristics of In-Stent Restenosis After Drug Eluting Stent Implantation in Femoropopliteal Lesions and 1-Year Prognosis After Repeat Endovascular Therapy for These Lesions

Osamu Iida, Mitsuyoshi Takahara, Yoshimitsu Soga, Keisuke Hirano, Yasutaka Yamauchi, Kan Zen, Daizo Kawasaki, Shinsuke Nanto, Hiroyoshi Yokoi, Masaaki Uematsu, Kansai Rosai Hospital, Amagasaki City, Japan

138 - Early Outcome of Successive Carotid Artery Stenting Followed by Coronary Artery Bypass Grafting

Sherif Medhat Sabri, Cairo University Hospital, Cairo, Egypt

139 - Impact of Cilostazol on Patency After 1 Year of EVT for Femoropopliteal Lesions

Seiichi Hiramori, Yoshimitsu Soga, Yohei Kobayashi, Tomoi Yusuke, Shinichi Shirai, Kenji Ando, Kokura Memorial Hospital, Kitakyushu, Japan

140 - Drug Coated Balloon Angioplasty for Infra-Inguinal Peripheral Arterial Disease: A Systematic Review and Meta-Analysis

Bhalaghuru Chokkalingam Mani, Moses Mathur, Riyaz Bashir, Jeffrey Goldstein, Gregory Mishkel, Nilesh Goswami, Ehrin Armstrong, Vikas Aggarwal, Thomas Jefferson University Hospital, Philadelphia, PA, USA, Prairie Heart Institute, Springfield, IL, USA

141 - Comparable 2-Year Patency Rate Following Subintimal and Intraluminal Drug-Eluting Stent Implantation for Femoropopliteal Chronic Total Occlusion

Takayuki Ishihara, Mitsuyoshi Takahara, Osamu Iida, Yoshimitsu Soga, Keisuke Hirano, Yasutaka Yamauchi, Kan Zen, Daizo Kawasaki, Shinsuke Nanto, Hiroyoshi Yokoi, Masaaki Uematsu, Kansai Rosai Hospital, Amagasaki, Japan

142 - The Impact of Age on the Outcomes After Carotid Artery Stenting or Endarterectomy in Patients With Moderate or Severe Chronic Kidney Disease (Stage 3 and 4): Insights of the Healthcare Cost and Utilization Project's National Inpatient Sample

Luis Gruberg, Fabio Lima, Yun Yen, Javed Butler, Stony Brook University, Stony Brook, NY, USA

143 - Femoral Artery Chronic Total Occlusion Revascularization (FACTOR)

Study: Validation of a Peripheral CTO Algorithm and Score  
Vincent Varghese, Jon George, Rajeev Marreddy, Deborah Heart and Lung Center, Browns Mills, NJ, USA, Einstein Medical Center, Philadelphia, PA, USA

144 - Clinical Outcomes of Endovascular Treatment for Chronic Aortic Occlusion

Taku Kato, Kan Zen, Osami Kawarada, Koji Hozawa, Hitoshi Anzai, Hiroaki Nakamura, Tetsuya Nomura, Atsushi Funatsu, Daizo Kawasaki, Yoshinori Tsubakimoto, Akihiro Higashimori, Satoaki Matoba, Nantan General Hospital, Nantan, Japan

145 - Should Cilostazol Be Included Into the Treatment Post Carotid Stenting? A Meta-Analysis

Daniel Garcia, Mohammad Ansari, Rhanderson Cardoso, Cesar Mendoza-Trauco, Jihad Mustapha, Fadi Saab, Larry Diaz-Sandoval, Ochsner Heart and Vascular Institute, New Orleans, LA, USA, New Orleans, LA

146 - Association of Anemia With Outcomes in Patients Undergoing Percutaneous Peripheral Vascular Disease Intervention: Insights From the BMC2 VIC (Blue Cross Blue Shield of Michigan Cardiovascular Consortium Vascular Interventions Collaborative) Registry

Nikhil Ambulgekar, Scott F. Grey, Howard Rosman, Hussein Othman, Thomas Davis, Timothy Nypaver, Peter Henke, Theodore Schreiber, Thomas LaLonde, Hitinder Gurm, Rajendra Mehta, Paul Grossman, St. John Hospital and Medical Center, Grosse Pointe, MI, USA, University of Michigan, Ann Arbor, MI, USA

147 - Impact of Stent Diameter on Stent Patency After Self-Expanding Paclitaxel-Eluting Stent Implantation in the Superficial Femoral Artery: An Interim Report

Kojiro Miki, Kenichi Fujii, Tetsuo Horimatsu, Takumi Kimura, Kojo Okada, Tohru Masuyama, Masaharu Ishihara, Peter Fitzgerald, Yasuhiro Honda, Stanford University Medical Center, Stanford, CA, USA, Hyogo College of Medicine, Nishinomiya, Japan

148 - Impact of Final Stent Dimensions on Angiographic Restenosis Following Self-Expanding Nitinol Stent Implantation in the Superficial Femoral Artery Lesion

Kojiro Miki, Kenichi Fujii, Takumi Kimura, Kojo Okada, Tohru Masuyama, Masaharu Ishihara, Peter Fitzgerald, Yasuhiro Honda, Stanford University Medical Center, Stanford, CA, USA, Hyogo College of Medicine, Nishinomiya, Japan

## ACC.i2 Interventional Cardiology - Poster Contributions

Session #1224

## ACC.i2 Interventional Cardiology: Angiography and Interventional CT/MR

Sunday, April 3, 2016, 1:30 p.m. - 4:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

149 - Elevated Lipoprotein(a) and Homocysteine Is Associated With Worse Outcome in Patients With Coronary Artery Disease

Sung Woo Kwon, Hyuck Moon Kwon, Inha University Hospital, Incheon, South Korea, Gangnam Severance Hospital, Seoul, South Korea

150 - Impact of Precision of Lumen Boundary Extracted From Coronary CT on FFRCT: Validation With OCT

Takayoshi Toba, Gilwoo Choi, Kenzo Uzu, Hyun Jin Kim, Arjun Roy, Tran Nguyen, Michiel Schaap, Leo Grady, Shumpei Mori, Tomofumi Takaya, Toshiro Shinke, Charles Taylor, Hiromasa Otake, Kobe University Graduate School of Medicine, Kobe, Japan, Heartflow Inc, Redwood City, CA, USA





151 - Incremental Prognostic Value of Coronary Computed Tomographic Angiography High Risk Plaque Characteristics in Asymptomatic Patients  
Kazuhiisa Takamura, Shinichiro Fujimoto, Takeshi Kondo, Makoto Hiki, Rie Matsumori, Yuko Kawaguchi, Shoko Suda, Etsuro Kato, Kanako Kumamaru, Shinichi Takase, Hiroyuki Daida, Department of Cardiovascular Medicine, Juntendo University Graduate School of Medicine, Tokyo, Japan

152 - Distal Dicrotic Notch in the Coronary Artery Pressure Waveform Predicts Significant Stenosis, as Validated by Fractional Flow Reserve, but Performs Inferiorly as Compared to Pd/Pa  
Mirza Mujadil Ahmad, Rafath Ullah, Mirza Nubair Ahmad, Zoya Ammar, Saagar Shah, Arsalan Riaz, Syed Shahab Kazmi, Anjan Gupta, Khawaja Afzal Ammar, Aurora Cardiovascular Services, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

153 - Patients With Spontaneous Coronary Artery Dissection Demonstrate Wall Motion Abnormalities Consistent With Takotsubo Cardiomyopathy  
Mahesh Vidula, Jessica Duran, Ramon Partida, Whitney Coppolino, Sahar Naderi, Malissa Wood, Massachusetts General Hospital, Boston, MA, USA

154 - Evaluation of Local Hemodynamic Forces Acting on Plaque May Help Predict Plaque Vulnerability: Lessons From Combined Analysis of Optical Coherence Tomography and Computational Fluid Dynamics Simulation  
Kenzo Uzu, Gilwoo Choi, Hyun Jin Kim, Arjun Roy, Trang Nguyen, Michiel Schaap, Leo Grady, Takayoshi Toba, Shumpei Mori, Tomofumi Takaya, Toshiro Shinke, Bon-Kwon Koo, Charles Taylor, Hiromasa Otake, Kobe University Graduate School of Medicine, Kobe, Japan, HeartFlow, Inc., Redwood City, CA, USA

155 - In Vivo Magnetic Resonance Tracking of Mesenchymal Stromal Cells Labeled With Ultra-Small Paramagnetic Iron Oxide Particles After Intramyocardial Injection in Patients With Ischemic Heart Disease  
Anders Bruun Mathiasen, Erik Jørgensen, Steffen Helqvist, Annette Ekblond, Kishore Bhakoo, Carsten Thomsen, Jens Kastrup, Rigshospitalet, Copenhagen University Hospital, Copenhagen, Denmark

156 - Causes of Out of Hospital Cardiac Arrest Without the Organic Heart Disease  
Go Kawamura, Hideki Okayama, Tatsuya Shigematsu, Tatsunori Takahashi, Masaki Kinoshita, Yoshitaka Kawada, Go Hiasa, Tadakatsu Yamada, Yukio Kazatani, Ehime Prefecture Central Hospital, Matsuyama, Japan

157 - Contemporary Practice Patterns Related to the Risk of Acute Kidney Injury in the Catheterization Laboratory: Results From an International Survey of Society of Cardiovascular Angiography and Intervention (SCAI) Cardiologists  
Anand Prasad, Jonathan Morales, Ken Williams, Aaron Sohn, Daniel Levin, Aazib Khan, Peter McCullough, Roxana Mehran, Steven Bailey, University of Texas Health Science Center San Antonio, San Antonio, TX, USA

158 - Inferior and Posterior: Utilization of 3D Print and Computer Aided Design to Spatially Map Optimal Transseptal Crossing Point for Left Atrial Appendage Occlusion With the Watchman Device  
Dee Dee Wang, Marvin Eng, Eric Myers, Michael Forbes, Patrick Karabon, Adam Greenbaum, William O'Neill, Henry Ford Hospital, Detroit, MI, USA

159 - Relationship Between Vessel Size, Platelet Reactivity, and Stent Thrombosis After Drug-Eluting Stent Percutaneous Coronary Artery Intervention  
Bjorn Redfors, Rushad K. Dordi, Tullio Palmerini, Gennaro Giustino, Girma Ayele, Adriano Caixeta, Ajay Kirtane, Roxana Mehran, Gregg Stone, Philippe Genereux, Cardiovascular Research Foundation, New York, NY, USA, Columbia University Medical Center, New York, NY, USA

160 - Coronary Endothelial Function Measured by Acetylcholine Correlates With Cold Pressor Testing in Women With Signs and Symptoms of Ischemia and No Obstructive Coronary Artery Disease  
Ahmed AlBadri, Janet Wei, Puja K. Mehta, Sofy Landes, John W. Peterson, David Anderson, Bruce Samuels, Babak Azarbal, Eileen Handberg, Quanlin Li,

Margo Minissian, Chrisandra Shufelt, Carl J. Pepine, C. Noel Bairey Merz, Cedars Sinai Heart Institute, Los Angeles, CA, USA, University of Florida, Gainesville, FL, USA

161 - Anomalous Coronary Arteries and Its Association With Incidence of Coronary Artery Atherosclerosis: A Study From a Tertiary-Care Teaching Hospital

Jimmy Yee, Shilpkumar Arora, Sopan Lahewala, Vishesh Kumar, Amol Raizada, Amornpol Anuwatworn, Umesh Gidwani, Samin Sharma, Annapoorna Kini, Icahn School of Medicine at Mount Sinai, New York, NY, USA, University of South Dakota, Sanford School of Medicine, Sioux Falls, SD, USA

162 - No Two Systoles the Same: Personalizing Transcatheter Heart Valve Selection for Transcatheter Aortic Valve Replacement

Lynn Carlyle, Dee Dee Wang, Andrew Taylor, Benjamin Swanson, Janet Wyman, Milan Pantelic, Thomas Song, Marvin Eng, Gaetano Paone, Adam Greenbaum, William O'Neill, Henry Ford Health System, Detroit, MI, USA

163 - Image-Based Computation of Instantaneous Wave-Free Ratio from Routine Coronary Angiography: Evaluation of a Hybrid Decision Making Strategy With FFR

Lucian Itu, Tiziano Passerini, Elisabeta Badila, Lucian Calmac, Diana Zamfir, Dana Penes, Rodica Niculescu, Emma Weiss, Laszlo Lazar, Marius Carp, Alexandru Itu, Constantin Suci, Puneet Sharma, Bogdan Georgescu, Dorin Comaniciu, Spitalul Clinic de Urgenta, Bucharest, Romania, Siemens

164 - Gender Differences in Cause of Death Following Percutaneous Coronary Intervention

Claire E. Raphael, Daniel Spoon, Ryan Lennon, Daniel Crusan, Mandeep Singh, Amir Lerman, Charanjit Rihal, Bernard Gersh, Rajiv Gulati, Mayo Clinic, Rochester, MN, USA

165 - Cystatin C- and Creatinine-Based Definitions of Contrast-Induced Nephropathy After Coronary Angiography or Percutaneous Coronary Intervention

Yong Liu, Hualong Li, Li-wen Li, Ning Tan, Shiqun Chen, Pingyan Chen, Jianbin Zhao, Jiyan Chen, Department of Cardiology, Guangdong Cardiovascular Institute, Guangdong General Hospital, Guangzhou, People's Republic of China, Department of Biostatistics, South China College of Cardiovascular Research, Guangzhou, People's Republic of China

166 - Predictive Value of Early and Late Definition of Contrast-Induced Acute Kidney Injury After Coronary Angiography or Percutaneous Coronary Intervention

Yong Liu, Jianbin Zhao, Dengxuan Wu, Hualong Li, Shiqun Chen, Chongyang Duan, Ning Tan, Jiyan Chen, Department of Cardiology, Guangdong Cardiovascular Institute, Guangdong General Hospital, Guangzhou, People's Republic of China, Department of Biostatistics, South China College of Cardiovascular Research, Guangzhou, People's Republic of China

## ACC.i2 Interventional Cardiology - Poster Contributions

### Session #1225

#### ACC.i2 Interventional Cardiology: Mitral and Structural Heart Disease

Sunday, April 3, 2016, 1:30 p.m. - 4:30 p.m.

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

167 - All-Cause Mortality Benefit in Patients Undergoing Mitral Valve Surgery With Coronary Artery Bypass as Compared to Isolated Coronary Artery Bypass Surgery in Patients With Moderate Ischemic Mitral Regurgitation: A Meta-Analysis

Hafeez Hassan, Saurav Chatterjee, Mohammed Ahmed, Byomesh Tripathi, Eyal Herzog, Angela Palazzo, Chirag Bavishi, Jay Giri, Robert Kornberg, Mount Sinai St Lukes Roosevelt Hospital, New York, NY, USA



168 - Severity of Mitral Regurgitation After Mitraclip in Patients With Versus Without Pulmonary Hypertension: Results of a Multicenter Worldwide Registry

Jose Francisco Condado Contreras, Neha Maheshwari Mantri, Gagan Singh, Benjamin Stripe, Gaurav Sharma, Thomas Smith, Dali Fan, Reginald Low, Jonathan Yap, Khung Yeo, Dan Arnett, James McCabe, Mark Reisman, Jason Rogers, Vasilis Babaliaros, Emory University, Atlanta, GA, USA, UC Davis, Sacramento, CA, USA

169 - Comparison of Mitraclip and Mitral Valve Surgery for Severe Mitral Regurgitation: A Meta-Analysis

Tom Kai Ming Wang, Michael Tzu Min Wang, Peter Ruygrok, Auckland City Hospital, Auckland, New Zealand

170 - Transseptal Delivery for Mitral Valve in Valve Procedures Using an Apical Rail: Technique Description and Initial Results

Marvin H. Eng, Adam Greenbaum, Dee Dee Wang, Janet Wyman, Hassan Neme, Gaetano Paone, William O'Neill, Henry Ford Hospital, Detroit, MI, USA

171 - Effect of Transcatheter Mitral Repair With the Cardioband Device on 3-Dimensional Geometry of the Mitral Annulus

Mani Arsalan, Eustachio Agricola, Ottavio Alfieri, Stephan Baldus, Antonio Colombo, Giovanni Filardo, Christoph Hammerstingl, Michael Huntgeburth, Felix Kreidel, Karl-Heinz Kuck, Giovanni La Canna, David Messika-Zeitoun, Francesco Maisano, Georg Nickenig, Benjamin D. Pollock, Bradley J. Roberts, Alec Vahanian, Paul Grayburn, Baylor University Medical Center, Dallas, TX, USA, Baylor Research Institute, Dallas, TX, USA

172 - Mitral Valve Surgery After Failed MitraClip Therapy: A Systematic Review

Gilson Fernandes, Rhanderson Cardoso, Rodrigo Mendirichaga, Daniel Garcia, Amanda Fernandes, Mohammad Ansari, University of Miami, Miami, FL, USA

173 - Moderately Elevated Mitral Mean Gradient After Percutaneous Edge-to-Edge Repair of Mitral Regurgitation Is Not Associated With Exacerbation of Heart Failure

Richard Cheng, Emily Tat, Robert Siegel, Reza Arsanjani, Asma Hussaini, Alfredo Trento, Saibal Kar, Cedars-Sinai Heart Institute, Los Angeles, CA, USA

174 - Functional Improvement Analysis 1 Year After Per-Cutaneous Mitral Valve Repair

Yan Topilsky, Georg Nickenig, Alec Vahanian, Stephan Baldus, Ottavio Alfieri, Antonio Colombo, Antonio Colombo, Karl-Heinz Kuck, Francesco Maisano, Tel Aviv Medical Center, Tel Aviv, Israel

175 - Clinical Outcomes of Percutaneous Mitral Valve Repair With Mitraclip System for Functional MR With End-Stage Heart Failure

Yukiko Mizutani, Shunsuke Kubo, Song Guangyuan, Yoshifumi Nakajima, Krissada Meemook, Jonah Solaiman Tehrani, Chidinma Dinneya, Asma Hussaini, Mamoo Nakamura, Robert Siegel, Alfredo Trento, Saibal Kar, Cedars-Sinai Medical Center, Los Angeles, CA, USA

176 - Review of Transcatheter Aortic Valve Replacement Between the Years 2012 and 2013: Nationwide Inpatient Sample Data Analysis

Yashwant Agrawal, Chris Jacob, Monoj-Kumar Konda, Sidakpal Panaich, Jagadeesh Kalavakunta, Vishal Gupta, Western Michigan University Homer Stryker School of Medicine, Kalamazoo, MI, USA

177 - The Efficacy of Percutaneous Trans-Venous Mitral Annuloplasty for the Treatment of Functional Mitral Regurgitation: Predictive Value of Echocardiographic Parameters

Tomasz Siminiak, Piotr Kalmucki, Olga Jerzykowska, Artur Baszko, Rafal Dankowski, Andrzej Szyszka, Poznan University of Medical Sciences, HCP Medical Center, Poznan, Poland

178 - A Meta-Analysis of Controlled Studies Comparing MitraClip Versus Surgery for Severe Mitral Regurgitation: Is There a Mortality Benefit?

Rhanderson Cardoso, Mohammad Ansari, Daniel Garcia, Giuseppe Martucci, Nicolo Piazza, University of Miami, Jackson Memorial Hospital, Miami, FL, USA

179 - Mitral Valve Paravalvular Leak Closure Using a Robotic Catheter System

Eric Bansal, Colin Barker, Neal Kleiman, Stephen Little, Miguel Valderrabano, Houston Methodist DeBakey Heart & Vascular Center, Houston, TX, USA

180 - Left Ventricular Remodeling and Myocardial Mechanics Obtained by 2D Strain for Prognostic Evaluation of Clinical Improvement in Heart Failure Patients Undergoing Percutaneous Mitral Valve Repair

Mario Kasner, Oskar Galuszka, Susanne Rutschow, Wolfgang Poller, Ulf Landmesser, Michael C. Gross, Dpt. of Cardiology, Charite CBF, Berlin, Germany

181 - Outcomes of Percutaneous Mitral Valve Repair in Patients With Chronic Kidney Disease: Results From a Multicenter Registry

Neha Maheshwari Mantri, Gagan Singh, Jonathan Yap, Khung Yeo, Jose Condado Contreras, Gaurav Sharma, Benjamin Stripe, Vasilis Babaliaros, Dan Arnett, James McCabe, Mark Reisman, Thomas Smith, Dali Fan, Reginald Low, Jason Rogers, University of California, Davis, Sacramento, CA, USA

182 - Echocardiographic Assessment of Changes in RV Function in Patients With Mitral Regurgitation Undergoing MitraClip Placement

Rebecca L. Baumann, Dee Dee Wang, Kristen Brooks, Rishi Panchal, Timothy Raymond, Taylor Andrew, Sachin Parikh, Bryan Zweig, John Schairer, Marvin Eng, Hassan Neme, Karthikeyan Ananthasubramaniam, Adam Greenbaum, William O'Neill, Henry Ford Hospital, Detroit, MI, USA

183 - Incidence and Determinants of Left Ventricular Reverse Remodeling After MitraClip Implantation in Patients With Moderate to Severe or Severe Mitral Regurgitation and Reduced Ejection Fraction

Sara Cimino, Manuela Reali, Elisa Silveti, Tiziana Salatino, Massimo Mancone, Mauro Pennacchi, Gennaro Sardella, Arturo Giordano, Francesco Fedele, Luciano Agati, "Sapienza" University of Rome, Rome, Italy

184 - Percutaneous Balloon Mitral Valvuloplasty in Rheumatic Mitral Stenosis With Suprasystemic Pulmonary Arterial Hypertension

Rahul Bhoite, Girija R. Bhoite, Dayanand N. Bagdure, Santosh N. Ghalme, Sunil V. Sathe, Giriraj Hospital & Heart Care Centre, Baramati, India

185 - Outcomes for Surgical and Transcatheter Aortic Valve Replacement in Nonagenarians

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

186 - Immediate Outcome of Percutaneous Transvenous Mitral Commissurotomy in Elderly Severe Mitral Stenosis Patients

Toufigur Rahman, National Institute of Cardiovascular Diseases, Dhaka, GA, Bangladesh, Al Helal Heart Institute, Mirpur Dhaka, Bangladesh

187 - Worsening Mitral Stenosis Gradient Post Tavr for Aortic Stenosis

Nirmal T. Sunkara, Anwar Tandar, Frederick Welt, University of Utah Health Sciences Center, Salt Lake City, UT, USA

189 - Impact of Requirement for Transfusion on Cost of Care, Length of Stay and In-Hospital Mortality in Transcatheter Mitral Valve Repair: A Propensity Score-Matched Analysis

Ronak Bhimani, Badal Thakkar, Dipen Khanpara, Parth Bhatt, Achint Patel, Nileshkumar Patel, Abhishek Deshmukh, Apurva Badheka, St. Vincent Charity Medical Center/Case Western Reserve University, Cleveland, OH, USA, Baylor Heart and Vascular Institute/Baylor University Medical Center, Dallas, TX, USA



190 - A New Multi-Dimensional Modeling of the Mitral Valve Annulus: Towards a Patient-Tailored Percutaneous Ring Annuloplasty  
Abdullrazak Hossien, Caspar Hoorntje, Jos Maessen, Sandro Gelsomino, Maastricht University Medical Centre, Maastricht, The Netherlands

### ACC.i2 Interventional Cardiology - Live Cases

#### Session #205

#### ACC.i2 Live Case Session V: Structural Transmission from Evanston Hospital, Illinois

Sunday, April 3, 2016, 2 p.m. - 3:30 p.m.

Main Tent (North Hall B1)

CME Hours: 1.5 /CNE Hours: 1.5

2:00 p.m.

Live Case Operator

Ted Feldman

Evanston, IL

Co-Chair: Samir R. Kapadia

Co-Chair: John G. Webb

Panelist: Eberhard Grube

Panelist: Rebecca T. Hahn

Panelist: A. Pieter Kappetein

Panelist: Susheel K. Kodali

Panelist: Raj R. Makkar

Panelist: Ian T. Meredith

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #694

#### Structural Interventions: Non-Valvular

Sunday, April 3, 2016, 2 p.m. - 3:30 p.m.

Room S102

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Phillip A. Horwitz

Co-Chair: Joann Lindenfeld

2:00 p.m.

Paravalvular Leak Closure: Who and How?

Paul Sorajja

2:15 p.m.

Identifying the 'PFO' Stroke Pt

John D. Carroll

Aurora, CO

2:30 p.m.

HOCM: Who Is the Appropriate Pt for Alcohol Ablation?

Srihari S. Naidu

New York, NY

2:45 p.m.

Role of Implantable Hemo Monitors for CHF

Lee R. Goldberg

Philadelphia, PA

3:00 p.m.

Inter-Atrial Shunts for HFpEF

Josep Rodes-Cabau

Quebec, Canada

3:15 p.m.

Transcatheter LV Reshaping and Exclusion

Alexandra J. Lansky

New Haven, CT

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #695

#### Triple Therapy Conundrum: How to Choose Best for Patients With Atrial Fibrillation Undergoing PCI

Sunday, April 3, 2016, 2 p.m. - 3:30 p.m.

Room S103ab

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: C. Michael Gibson

Co-Chair: Adnan Kastrati

2:00 p.m.

Welcome and Introductions: Session Objectives

Roxana Mehran

2:34 p.m.

Session I: Atrial Fibrillation and PCI: Overview. The Cross Road of Atrial Fibrillation and ACS: Current Landscape and Challenges

C. Michael Gibson

Boston, MA

2:17 p.m.

Session I: Atrial Fibrillation and PCI: Overview. Balancing Risk of Stroke, Stent Thrombosis, and Bleeding: A Three Way War!

David P. Faxon

Boston, MA

2:29 p.m.

Case Presentation: Patient With Afib Undergoing PCI for ACS

Dmitriy N. Feldman

New York, NY

2:34 p.m.

Interactive Panel Discussion: Moderator

C. Michael Gibson

Boston, MA

2:34 p.m.

Panel Discussion

Panelist: Theodore A. Bass

Panelist: David P. Faxon

Panelist: Dmitriy N. Feldman

2:49 p.m.

Session II: Current Treatment Options in Afib and PCI: Review of Completed and Ongoing Trials With Novel Anticoagulants. Can ASA Be Eliminated Safely? Result of WOEST and Others

Freek W. A. Verheugt

Amsterdam, Netherlands

2:55 p.m.

Session II: Current Treatment Options in Afib and PCI: Review of Completed and Ongoing Trials With Novel Anticoagulants. Dabigatran-The Re-DUAL Study: Rationale, Design, Status Update

Christopher P. Cannon

Boston, MA

3:00 p.m.

Session II: Current Treatment Options in Afib and PCI: Review of Completed and Ongoing Trials With Novel Anticoagulants. Rivoroxiban- The PIONEER AF Study: Rationale, Design, Status Update

Keith A. A. Fox

Edinburgh, Scotland, United Kingdom



3:05 p.m.

Session II: Current Treatment Options in Afib and PCI: Review of Completed and Ongoing Trials With Novel Anticoagulants. Apixaban- The AUGUSTUS Study: Rationale, Design, Status Update

Renato D. Lopes  
Durham, NC

3:10 p.m.

Case Presentation: A Case of Patient on NOAC Requiring PCI

Roxana Mehran  
New York, NY

3:15 p.m.

Panel Discussion

Panelist: Freek W. A. Verheugt

Panelist: Laura Mauri

Panelist: Keith A. A. Fox, United Kingdom

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #696

#### Optimizing PCI Care Processes

Sunday, April 3, 2016, 2 p.m. - 3:30 p.m.

Room S103cd

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: David J. Cohen

Co-Chair: Sunil V. Rao

2:00 p.m.

Pre-Procedure Strategies: The Informed Consent Process in an Era of Shared Decision-Making

Nihar Desai

2:12 p.m.

Pre-Procedure Assessment of Bleeding and Renal Risk: Can We Discriminate Who Is at High Risk?

Usman Baber  
New York city, NY

2:23 p.m.

Eliminating Guesswork: Using Available Tools to Gauge Procedural Risk

Steven P. Marso  
Dallas, TX

2:34 p.m.

The Modern Cath Lab: Updates to the Appropriate Use Criteria

Gregory J. Dehmer  
Temple, TX

2:46 p.m.

The Modern Cath Lab: Status Update on Transradial Intervention

Sunil V. Rao  
Durham, NC

2:57 p.m.

Expanded Use of Robotic PCI

Giora Weisz  
Jerusalem, Israel

3:08 p.m.

The Modern Cath Lab: What Does Quality Mean and How to Monitor It

James C. Blankenship  
Danville, PA

3:19 p.m.

Implementation of PCI Programs Across a Healthcare Network: Systems Issues and Reimbursement Models

Manesh R. Patel  
Durham, NC

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #697

#### Coronary Physiology Part I: Understanding and Measuring Pressure and Flow

Sunday, April 3, 2016, 2 p.m. - 3:30 p.m.

Room S104

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Morton J. Kern

Co-Chair: Allen Jeremias

2:00 p.m.

Basic Techniques and Pitfalls in Measuring FFR and CFR

Gautam Kumar

2:10 p.m.

Concept of Functional PCI - Clinical Evidence for Physiologic Lesion Assessment

Allen Jeremias  
Huntington, NY

2:20 p.m.

Fluctuation of FFR With IV Adenosine - Selecting the Right FFR

Arnold H. Seto  
Long Beach, CA

2:30 p.m.

Case Study: Anatomic Versus Functional Lesion

Mazen S. Abu-Fadel  
Oklahoma City, OK

2:35 p.m.

Discrepancy Between Anatomic Lesion Severity and Functional Significance

Kendrick A. Shunk  
San Francisco, CA

2:45 p.m.

Using Physiological Indices in ACS - Intracoronary Physiology in NSTEMI

Keith Oldroyd  
United Kingdom

2:55 p.m.

Discordance of Pressure and Flow: Understanding the Differences Between FFR and CFR

Habib Samady  
Atlanta, GA

3:05 p.m.

Non-Hyperaemic Indices of Stenosis Severity - Ready for Prime Time?

Allen Jeremias  
Huntington, NY

3:15 p.m.

Question and Answer



### ACC.i2 Interventional Cardiology - Moderated Poster Contributions

#### Session #1241M

#### ACC.i2 Interventional Pharmacotherapies: Revisiting Old Approaches and Testing New Ones

Sunday, April 3, 2016, 3:45 p.m. - 4:30 p.m.

ACC.i2 Interventional Cardiology Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

3:45 p.m.

Effectiveness of Bivalirudin Versus Unfractionated Heparin During Percutaneous Coronary Intervention Among Patients With Acute Myocardial Infarction in the United States

Eric Alexander Secemsky, Ajay Kirtane, Sripal Bangalore, Enrico Ferro, Neil Wimmer, Matthew Roe, Dadi (David) Dai, Laura Mauri, Robert Yeh, Massachusetts General Hospital, Boston, MA, USA

3:55 p.m.

Question and Answer

4:00 p.m.

Myocardial Infarction After Late Discontinuation of Thienopyridine Therapy in the Randomized DAPT Study

Ada Stefanescu, Laura Mauri, Dean Kereiakes, Donald Cutlip, Robert Yeh, Ralph D'Agostino, Joseph Massaro, Brigham and Women's Hospital, Boston, MA, USA, Harvard Clinical Research Institute, Boston, MA, USA

4:10 p.m.

Question and Answer

4:15 p.m.

A Pharmacodynamic Comparison of Prasugrel Versus Ticagrelor in Patients With Type 2 Diabetes Mellitus and Coronary Artery Disease: The OPTIMUS (Optimizing Antiplatelet Therapy in Diabetes Mellitus)-4 Study

Francesco Franchi, Fabiana Rollini, Valeria Duarte, Jung Rae Cho, Niti Aggarwal, Jenny Hu, Megha Kureti, Ashwin Durairaj, Latonya Been, Martin Zenni, Luis A. Guzman, Theodore Bass, Dominick Angiolillo, University of Florida College of Medicine-Jacksonville, Jacksonville, FL, USA

4:25 p.m.

Question and Answer

ACC Poster Moderator: C. Michael Gibson

ACC Poster Moderator: Stefan K. James

### ACC.i2 Interventional Cardiology - Live Cases

#### Session #206

#### ACC.i2 Live Case Session VI: Complex Coronary Transmission from Barnes Jewish Hospital, St. Louis

Sunday, April 3, 2016, 4:45 p.m. - 6 p.m.

Main Tent (North Hall B1)

CME Hours: 1.25 /CNE Hours: 1.25

4:45 p.m.

Live Case Operator

John M. Lasala

Saint Louis, MO

4:45 p.m.

Live Case Operator

Jasvinder Singh

Saint Louis, MO

Co-Chair: William W. O'Neill

Co-Chair: Giora Weisz

Panelist: Davide Capodanno

Panelist: Sunil V. Rao

Panelist: Marco Valgimigli

Panelist: Gennaro Sardella

Panelist: Ricardo Costa

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #710

#### Appropriate Use for Revascularization 2016

Sunday, April 3, 2016, 4:45 p.m. - 6 p.m.

Room S103ab

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Gregory J. Dehmer

Co-Chair: Ajay J. Kirtane

4:45 p.m.

Debate: AUC for Revascularization... Do They Help

Ralph G. Brindis

5:00 p.m.

Debate: AUC for Revascularization... Do They Hinder

James Aaron Grantham

Kansas City, MO

5:15 p.m.

Rebuttal: AUC for Revascularization... Do They Help

5:20 p.m.

Rebuttal: AUC for Revascularization... Do They Hinder

5:25 p.m.

AUC 2016: What's New and Different

Gregory J. Dehmer

Temple, TX

5:40 p.m.

Panel Discussion

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #711

#### Bioabsorbable Polymer DES, Non-Polymeric DES and Bioresorbable Scaffolding and the Douglas P. Zipes, MD, MACC Distinguished Young Scientist Awardee Lecture

Sunday, April 3, 2016, 4:45 p.m. - 6 p.m.

Room S103cd

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Carlo Di Mario Kingdom

Co-Chair: Adnan Kastrati

4:45 p.m.

Polymer Composition, Distribution and Load Will Differentiate These Devices

Renu Virmani

4:51 p.m.

Bioabsorbable Polymer DES in Current Practice: How Do We Apply the Results of the Clinical Trials?

David E. Kandzari

Atlanta, GA

4:57 p.m.

Do Polymer Free DES Provide an Advantage?

Stefanie Schulz

Munich, Germany



5:03 p.m.

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

5:06 p.m.

Douglas P. Zipes, MD, MACC, Distinguished Young Scientist Lecture:  
Bioresorbable Polymer, Permanent Polymer...What Is the Best DES?  
Sripal Bangalore  
New York, NY

5:26 p.m.

Case Presentation: BRS in Clinical Practice  
Sasko Kedev  
Skopje, Macedonia, The Former Yugoslav Republic of

5:31 p.m.

Is Scaffold Thrombosis a Problem? Yes! Mechanical Issues Increase  
Thrombosis Risk (Strut Thickness Malapposition, Underexpansion)  
John A. Ormiston  
Auckland, New Zealand

5:36 p.m.

Is Scaffold Thrombosis a Problem? No! Thrombosis Risk Is Related to  
Deployment Technique  
Antonio Colombo  
Milan, Italy

5:41 p.m.

Question and Answer

5:46 p.m.

ABSORB Clinical Trial Program Update  
Dean J. Kereiakes  
Cincinnati, OH

5:53 p.m.

"Next-Generation" BRS in Current Practice and Development  
Alexandre Abizaid  
Sao Paulo, Brazil

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #712

#### Coronary Physiology Part II: Clinical Utility of Measuring Pressure and Flow

Sunday, April 3, 2016, 4:45 p.m. - 6 p.m.

Room S104

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Justin E. Davies Kingdom

Co-Chair: Habib Samady

4:45 p.m.

Ischemia and Clinical Outcome: The Missing Mechanistic Link  
William Fuller Fearon

4:52 p.m.

Changing Ad Hoc Cath Lab Decisions by Routine Use of Coronary Physiology  
Michael J. Lim  
Saint Louis, MO

4:59 p.m.

ACC Long-Term Outcomes in Lesions Deferred for PCI by FFR  
Eric Van Belle  
Lille Cedex, France

5:06 p.m.

Case Presentation: FFR for Assessment of Multi-Vessel Disease

Amir S. Lotfi

Springfield, MA

5:11 p.m.

Assessment of Diffuse CAD by Co-Registration of Angiography and iFR  
Sukhjinder S. Nijjer  
Ruislip, United Kingdom

5:18 p.m.

Value of Physiologic Lesion Assessment Prior to CABG  
Subhash Banerjee  
Dallas, TX

5:25 p.m.

Hyperemic Versus Resting Indices for the Assessment of CAD: Side by Side  
Comparison in Stable and ACS Populations  
Rajesh Kharbanda  
Oxford, United Kingdom

5:32 p.m.

How to Assess the Microvasculature: Is There a Clinical Role?  
Javier Escaned  
Madrid, Spain

5:39 p.m.

Is CT-FFR Ready for Prime Time? Basic Concept and Clinical Implementation  
James K. Min  
Los Angeles, CA

5:46 p.m.

How Do FFR and IVUS Fit Into the Appropriate Use Criteria for Coronary  
Revascularization?  
Allen Jeremias  
Huntington, NY

5:53 p.m.

Question and Answer

### ACC.i2 Interventional Cardiology - Oral Contributions

#### Session #724

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

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

Room S103ab

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Neal S. Kleiman

Co-Chair: Paul Sorajja

Panelist: Nirat Beohar

Panelist: Marvin H. Eng

Panelist: Philippe Genereux

Panelist: Mario Goessel

Panelist: Dharam J. Kumbhani

Panelist: James M. McCabe

8:00 a.m.

Percutaneous Closure of a Left Ventricle Apical Pseudoaneurysm After  
Transapical Transcatheter Aortic Valve Replacement  
Michael K. Amponsah, Rajiv Verma, Marc Cohen, Mihir Barvalia, Yassir  
Nawaz, Nishant Sethi, Ahmed Seliem, Mark Russo, Newark Beth Israel  
Medical Center, Newark, NJ, USA

8:10 a.m.

Panel Discussion

8:15 a.m.

Native leaflet Avulsion After Transcatheter Aortic Valve Implantation  
Ravi S. Kahlon, Femi Philip, University of California Davis Medical Center,  
sacramento, CA, USA



8:25 a.m.  
Panel Discussion

8:30 a.m.  
100% Control In Tricuspid Valve-in-valve Replacement Using Valve Delivery Catheter Sizing And Fine Tuning  
Gilbert Tang, Syed Zaid, Anoshia Raza, Hasan Ahmad, Martin Cohen, Cenap Udemir, Joanne Bennett, Tanya Dutta, Angelica Poniros, Amar Shah, Cheng Feng, Steven Lansman, Westchester Medical Center, Valhalla, NY, USA

8:40 a.m.  
Panel Discussion

8:45 a.m.  
Transcatheter Closure of a Postinfarction Ventricular Septal defect and Left Ventricular Free Wall Perforation Using Two Amplatzer Muscular Ventricular septal defect Occluders.  
Prem Srinivas Subramaniyam, George Abela, Gaurav Dhar, Michigan State University, East Lansing, MI, USA

8:55 a.m.  
Panel Discussion

9:00 a.m.  
Transcatheter Valve Placement For Mixed Mitral Valve Regurgitation And Stenosis  
Creighton W. Don, Gabriel Aldea, Edo Bedzra, Mohit Jain, Tara Jones, Heather Reed, Thomas Jones, Burkhard Mackensen, Mark Reisman, University of Washington, Seattle, WA, USA

9:10 a.m.  
Panel Discussion

9:15 a.m.  
Transcatheter Closure of an Aorto-Right Ventricular Fistula Complicating Transcatheter Aortic Valve Replacement for Bicuspid Aortic Stenosis  
Sammy Elmariah, Kenta Nakamura, Jonathan Passeri, Meagan M. Wasfy, James Harkness, Jonathan G. Teoh, Nandini M. Meyersohn, Eliza Teo, Brian Ghoshhajra, Ignacio Inglessis, Massachusetts General Hospital, Harvard Medical School, Boston, MA, USA

9:25 a.m.  
Panel Discussion

### ACC.i2 Interventional Cardiology - Scientific Session Session #723

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

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

Room S102

CME Hours: 1.5 /CNE Hours: 0

Co-Chair: Herbert D. Aronow  
Co-Chair: Christopher J. White

8:00 a.m.  
A Tale of Two SFAs: One That I Crossed, One That I Failed, and Some Tips/Tricks for Success in the Future  
D. Christopher Metzger

8:12 a.m.  
PTA, Stent, or DCB? How Do We Decide? Should Cost Be a Consideration?  
Douglas E. Drachman  
Boston, MA

8:24 a.m.  
Why, When, and Which Atherectomy Should Be Used in the Femoropopliteal Segment?  
Tony S. Das  
Dallas, TX

8:36 a.m.  
How Will PVI AUC Influence Practice in the Treatment of Femoropopliteal PAD?  
Herbert D. Aronow  
Ann Arbor, MI

8:48 a.m.  
How I Do It: Managing Femoropopliteal Lesions in So-Called 'No-Stent' Zones  
Krishna J. Rocha-Singh  
Springfield, IL

9:00 a.m.  
When Disaster Strikes: How to Manage Complications in Femoropopliteal Intervention  
Mehdi H. Shishehbor  
Cleveland, OH

9:12 a.m.  
Question and Answer

### ACC.i2 Interventional Cardiology - Scientific Session Session #725

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

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

Room S103cd

CME Hours: 1.5 /CNE Hours: 1.5

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

8:00 a.m.  
Transcatheter Mitral Valve-in-Valve via Trans-Septal Approach  
Charanjit S. Rihal  
Rochester, MN

8:03 a.m.  
Panel Discussion

8:13 a.m.  
Severe MR and TAVR: When Should You Repair Both Using Transcatheter Techniques  
Francesco Maisano  
Zurich, Switzerland

8:16 a.m.  
Panel Discussion

8:26 a.m.  
Complex CAD and TAVR: What I Leave Alone and What Should I PCI  
Molly Szerlip  
Plano, TX

8:29 a.m.  
Panel Discussion

8:39 a.m.  
Severe LVOT Calcification and TAVR: When to Exercise Caution  
Hasan Jilaihawi  
West Hollywood, CA



8:42 a.m.  
Panel Discussion

8:52 a.m.  
Severe LV Dysfunction and TAVR  
Samir R. Kapadia  
Cleveland, OH

8:55 a.m.  
Panel Discussion

9:05 a.m.  
Making Sense of EF and Low-Flow When Selecting Patients for TAVR  
Howard C. Herrmann  
Philadelphia, PA

9:08 a.m.  
Panel Discussion

9:18 a.m.  
TAVR Performed via a Transcaval Approach  
Adam B. Greenbaum  
Detroit, MI

9:21 a.m.  
Panel Discussion

### ACC.i2 Interventional Cardiology - Scientific Session Session #726

**Intracoronary Imaging**  
Monday, April 4, 2016, 8 a.m. - 9:30 a.m.  
Room S104  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Akiko Maehara  
Co-Chair: David E. Kandzari

8:00 a.m.  
Appropriate Utilization of Intravascular Imaging  
Subhash Banerjee

8:09 a.m.  
Enhanced IVUS Imaging With VH and NIRS  
Emmanouil S. Brilakis  
Dallas, TX

8:18 a.m.  
IVUS or OCT for Procedural Planning?  
Evelyn Regar  
Rotterdam, Netherlands

8:27 a.m.  
FFR, IVUS, NIRS, or OCT: Selecting One for My Lab or Should I Have It All  
Subhash Banerjee  
Dallas, TX

8:36 a.m.  
Role of Coronary Imaging in CTO Intervention  
David E. Kandzari  
Atlanta, GA

8:45 a.m.  
IVUS or FFR for Intermediate Lesion Assessment  
Morton J. Kern  
Orange, CA

8:54 a.m.  
Intracoronary Imaging to Determine the Causes of ISR and ST  
Adhir R. Shroff  
Chicago, IL

9:02 a.m.  
How Do I Identify the Vulnerable Plaque  
Peter Howard Stone, Sr.  
Boston, MA

9:10 a.m.  
Case Presentation: Plaque Prolapse  
Sandeep Nathan  
Chicago, IL

9:15 a.m.  
Case Presentation: Incomplete Apposition  
Kendrick A. Shunk  
San Francisco, CA

9:20 a.m.  
Case Presentation: Dissections  
Adhir R. Shroff  
Chicago, IL

9:25 a.m.  
Case Presentation: Subintimal Hematoma  
Owen Mogabgab  
New Orleans, LA

### ACC.i2 Interventional Cardiology - Poster Contributions Session #1253

**ACC.i2 Interventional Cardiology: IVUS and Intravascular Physiology**  
Monday, April 4, 2016, 9:30 a.m. - 12:30 p.m.  
Poster Area, South Hall A1  
CME Hours: 0.75 /CNE Hours: 0.75

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

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

110 - Usefulness of Blood Speckle Intensity on Intravascular Ultrasound for Functional Assessment of Coronary Artery Stenosis  
Yuichi Saito, Hideki Kitahara, Takashi Nakayama, Yoshihide Fujimoto, Yoshio Kobayashi, Chiba University Graduate School of Medicine, Chiba, Japan

111 - Localization of Culprit Endothelial Shear Stress Patterns Along the Course of Untreated Coronary Lesions Responsible for Future MACE: The PROSPECT Study  
Marina Zaromytidou, Gregg W. Stone, Akiko Maehara, Ahmet U. Coskun, Charles C. Maynard, Gerasimos Siasos, Ioannis Andreou, Dimitris Fotiadis, Kostas Stefanou, Michail Papafaklis, Lampros Michalis, Alexandra J. Lansky, Gary S. Mintz, Patrick W. Serruys, Charles L. Feldman, Peter H. Stone, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA, New York Presbyterian Hospital, Columbia University Medical Center, New York, NY, USA





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

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

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

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

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

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

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

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

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

118 - Intra-Stent Thrombus Formation Following Biolimus A-9 Eluting Stent Implantation in Patients With Shorter and Prolonged Dual Anti-Platelet Therapy: Optical Coherence Tomography Sub-Study of Nippon Trial

Koji Kuroda, Masato Nakamura, Hiroyoshi Yokoi, Shinsuke Nanto, Kazuaki Mitsudo, Shigeru Saito, Junya Ako, Raisuke Iijima, Toshiro Shinke, Hiromasa Otake, Tomofumi Takaya, Masaru Kuroda, Hachidai Takahashi, Daisuke Terashita, Kenzo Uzu, Yuto Shinkura, Daiji Kashiwagi, Natsuko Tahara, Yoshinori Nagasawa, Ken-Ichi Hirata, Kobe University Graduate School of Medicine, Kobe, Japan

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



130 - Relationship Between Thickness of Calcium and Crack Formation After Balloon Dilatation in Calcified Plaque Requiring Rotational Atherectomy: Serial Optical Coherence Tomography Study  
Nobuhiko Maejima, Kiyoshi Hibi, Shotaro Kuji, Kensuke Matsushita, Yugo Minamimoto Minamimoto, Eiichi Akiyama, Yasushi Matsuzawa, Katsutaka Hashiba, Noriaki Iwahashi, Kengo Tsukahara, Masami Kosuge, Toshiaki Ebina, Satoshi Umemura, Kazuo Kimura, Yokohama City University Medical Center, Yokohama, Japan, Yokohama City University Hospital, Yokohama, Japan

131 - Plaque Characterization Informs the Risk of Periprocedural Myocardial Infarction During PCI: The COLOR Registry  
Wenbin Zhang, Giora Weisz, Mitsuki Matsumura, Myong Hwa Yamamoto, Annapoorna Kini, Emmanouil Brilakis, Kendrick Shunk, James Goldstein, Priti Shah, James Muller, Jordan Andrews, Ovidiu Dressler, Gary Mintz, Stephen Nicholls, Gregg Stone, Akiko Maehara, Cardiovascular Research Foundation, New York, NY, USA

132 - Clinical Decision Making for the Hemodynamic Gray Zone (FFR 0.75-0.80) and Impact on Long Term Outcomes  
Shiv Kumar Agarwal, Mohan Edupuganti, Ahmed Almomani, Naga Venkata Pothineni, Jason Payne, Srikanth Kasula, Sameer Raina, Fnu Shailesh, Barry Uretsky, Abdul Hakeem, Central Arkansas Veterans Healthcare System, Little Rock, AR, USA, University of Arkansas for Medical Sciences, Little Rock, AR, USA

### ACC.i2 Interventional Cardiology - Poster Contributions

#### Session #1254

#### Hemodynamics and Miscellaneous

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

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

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

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

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

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

135 - Use of Novel Intracoronary Technology to Investigate the Effect of Cold Air Inhalation During Exercise on Coronary Microvascular Resistance and Blood Flow: Cross-Sectional Study in 39 Coronary Artery Disease Patients

Rupert Williams, Kaleab Asress, Matthew Lumley, Satpal Arri, Tiffany Patterson, Howard Ellis, Vasi Manou-Stathopoulou, Muhammed Khawaja, Natalia Briceno, Konstantinos Moschonas, Brian Clapp, Divaka Perera, Sven Plein, Michael Marber, Simon Redwood, St Thomas' Hospital Campus, King's College London, London, United Kingdom

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

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

137 - Angiographic Healing of Spontaneous Coronary Artery Dissection in Patients Presenting With TIMI-0 Flow During Index Event  
Roshan Prakash, Andrew Starovoytov, Robert Boone, Eve Aymong, G. B. John Mancini, Jacqueline Saw, Vancouver General Hospital, Vancouver, Canada

138 - Trends in Pulmonary Artery Catheter Use in the United States, 1999-2013

Kevin Ikuta, Austin Robinson, Yun Wang, Harlan Krumholz, Nihar Desai, Yale University, New Haven, CT, USA

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

140 - Prognostic Impact of Unrecognized Myocardial Scar in Non-Infarct Related Coronary Territories Detected by Cardiac Magnetic Resonance Imaging in Patients With Acute Myocardial Infarction

Taku Omori, Tairo Kurita, Kaoru Dohi, Akihiro Takasaki, Tomoyuki Nakata, Shiro Nakamori, Kakuya Kitagawa, Kozo Hoshino, Hajime Sakuma, Masaaki Ito, Department of Cardiology, Mie University Graduate School of Medicine, Tsu, Japan

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

142 - The Effect of Ticagrelor Administrated Through a Nasogastric Tube to Comatose Patients Undergoing Acute Percutaneous Coronary Intervention After Cardiac Arrest: The TICOMA Trial

Lene Holmvang, Golnaz Sadjadieh, Hedvig B. Andersson, Martin Frydland, Sebastian C. Wiberg, Jesper Kjaergaard, Hanna Ratcovich, Rigshospitalet, Copenhagen, Denmark

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

144 - Long-Term Outcomes of Vasospastic Angina Patients With Diabetes Mellitus

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

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

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

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

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



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

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

148 - National Trends and Outcomes in Dialysis Requiring Acute Kidney Injury After Percutaneous Coronary Intervention After Acute Myocardial Infarction

Bhavi Pandya, Achint Patel, Neil Joshi, Armaghan Soomro, Jonathan Spagnola, Pranav Garimella, Girish Nadkarni, Suzanne El-Sayegh, James Lafferty, Staten Island University Hospital, Staten Island, NY, USA

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

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

168 - Instantaneous Wave-Free Ratio Is Not Inferior to Fractional Flow Reserve for Assessment of Intermediate Coronary Artery Stenoses

Dmitry Darenskiy, Vladimir Gramovich, Maxim Mitroshkin, Vladimir Sergienko, Ekaterina Zharova, Yuriy Matchin, Russian Cardiology Research and Production Complex, Moscow, Russian Federation

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

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

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

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

### ACC.i2 Interventional Cardiology - Poster Contributions

#### Session #1255

#### TAVR: Evolution of the Procedure

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

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



163 - An "All-Comer" Minimalist Approach to Transcatheter Aortic Valve Replacement Is as Safe and Effective as the Traditional Approach  
Gilbert Tang, Cheng Feng, Hasan Ahmad, Martin Cohen, Pascale Nadeau, Cenap Udemir, Angelica Poniros, Alexis Kearns, Ryan Kaple, Joanne Bennett, Amar Shah, Tanya Dutta, Steven Lansman, Westchester Medical Center, Valhalla, NY, USA

164 - Direct Transcatheter Aortic Valve Replacement Versus Implantation With Balloon Predilatation: Insights From the Brazilian TAVR Registry  
Fernando Bernardi, Henrique Ribeiro, Luiz Carvalho, Rogerio Sarmiento-Leite, José Mangione, Eduardo Sousa, Pedro Lemos, Eberhard Grube, Josep Rodes-Cabau, Fabio Brito, Brazilian Society of Hemodynamics and Interventional Cardiology, São Paulo, Brazil

165 - Minimalist Versus Standard Transfemoral Transcatheter Aortic Valve Replacement in Patients With Severe Chronic Obstructive Lung Disease  
Moosa Haider, Jose Condado Contreras, Hope Caughron, Vinod Thourani, Chandan Devireddy, Bradley Leshnowar, Kretton Mavromatis, Eric Sarin, James Stewart, Robert Guyton, Jessica Forcillo, Ateet Patel, Amy Simone, Patricia Keegan, Peter Block, Vasilis Babaliarios, Emory University School of Medicine, Atlanta, GA, USA

166 - Incidence and Resource Utilization of Permanent Pacemaker Implantation After Surgical and Transcatheter Aortic Valve Replacement: Insights From the Nationwide Inpatient Sample  
Chad J. Zack, Mohamad Alkhouli, Mohammad Sarraf, Charanjit Rihal, Mayo Clinic, Rochester, MN, USA

#### ACC.i2 Interventional Cardiology - Poster Contributions

##### Session #1256

##### Devices: Coronary Stents

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

Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

171 - Meta-Analysis of Randomized Clinical Trials Comparing Safety and Efficacy of Biodegradable Polymer-Coated Versus New-Generation Durable Polymer Drug-Eluting Stents up to 12 Months  
Bertrand Njume Mukete, Liefke van der Heijden, Hassan Baydoun, Derar Albashaireh, Kenneth Tandjung, Qusai Saleh, Asif Anwar, Nidal Abi Rafeh, Thierry Le Jemtel, Clemens von Birgelen, Tulane University School of Medicine, New Orleans, LA, USA, University of Twente/Thoraxcentrum Twente/Medisch Spectrum Twente, Enschede, The Netherlands

172 - Safety and Efficacy of the Absorb Everolimus-Eluting Bioresorbable Vascular Scaffold Versus New-Generation Durable Polymer Everolimus-Eluting Stents: A Meta-Analysis Based on Clinical Outcome Data From Randomized Comparisons  
Bertrand Njume Mukete, Kapil Yadav, Hassan Baydoun, Liefke C. van der Heijden, Kenneth Tandjung, Alvaro Alonso, Asif Anwar, Thierry Le Jemtel, Nidal Abi Rafeh, Clemens von Birgelen, Tulane University School of Medicine, New Orleans, LA, USA, University of Twente/Thoraxcentrum Twente/Medisch Spectrum Twente, Enschede, The Netherlands

173 - Comparison of Chronic Angioscopic Findings of BMS, 1st-Generation DES and 2nd-Generation DES: A Report From Japanese Multicenter Registry (MICASA)  
Kazuoki Dai, Hiroshi Matsuoka, Hideo Kawakami, Tetsuya Sato, Koki Watanabe, Yasuharu Nakama, Masaharu Ishihara, Hiroshima City Hospital, Hiroshima, Japan, Hyogo College of Medicine, Nishinomiya, Japan

174 - Comparison With Each Type of Stent Platform: Impact of Longitudinal Stent Elongation and Shortening During Stent Expansion From 0 to 20 Atmospheric Pressure  
Tomohiro Shiohira, Masashi Iwabuchi, University of the Ryukyus, Okinawa, Japan

175 - Stent Strut Coverage and Apposition at 1 and 3 Months After Implantation of a Novel Drug-Filled Coronary Stent: First Report From the RevElution Study  
Stephen G. Worthley, Alexandre Abizaid, Ajay Kirtane, Daniel Simon, Stephan Windecker, Gregg Stone, Medtronic, Santa Rosa, CA, USA

176 - Safety and Efficacy of Bioresorbable Vascular Scaffolds Versus Metallic Everolimus-Eluting Stents in Coronary Artery Disease: A Weighted Meta-Analysis of 6 Randomized Controlled Trials Enrolling 3,733 Patients  
Joelle Elias, Robin P. Kraak, Mariella Hassell, Joanna J. Wykrzykowska, Robbert de Winter, Jan Piek, José Henriques, Bimmer Claessen, Academic Medical Centre Amsterdam Academic Medici, Amsterdam, The Netherlands

177 - Incidence and Clinical Impact of Late-Acquired Stent Fracture After Sirolimus-Eluting Stent Implantation  
Shoichi Kuramitsu, Hiroyuki Jinnouchi, Takashi Hiromasa, Yuhei Yamaji, Mizuki Miura, Yukiko Matsumura, Hisaki Masuda, Takenori Domei, Makoto Hyodo, Yoshimitsu Soga, Shinichi Shirai, Kenji Ando, Kokura Memorial Hospital, Kitakyushu, Japan

178 - Relation Between Bioresorbable Scaffold Sizing Using QCA-Dmax and Clinical Outcomes at 2 Years in 1192 Patients From Three Study Cohorts (ABSORB Cohort B, ABSORB EXTEND and ABSORB II)  
Yoshinobu Onuma, Yohei Sotomi, Pannipa Suwannasom, Antonio Bartorelli, Robert Whitbourn, Bernard Chevalier, Alexandre Abizaid, John Ormiston, Richard Rapoza, Susan Veldhof, Patrick Serruys, Thoraxcenter, Erasmus University Medical Center, Rotterdam, The Netherlands

179 - Real-World Experience of Biolimus A9-Eluting Stents and Comparison With Everolimus-Eluting Xience Prime Stents in All-Comer Registries: Preliminary Report for Patient-Oriented and Stent-Related 2-Year Outcomes From the Multicenter Prospective Biolimus-Korea-3000 Registry and Excellent-Prime Registry  
Chan Soon Park, Chi-Hoon Kim, Jung-Kyu Han, Han-Mo Yang, Kyung Woo Park, Hae-Young Lee, Hyun-Jae Kang, Bon Kwon Koo, Hyosoo Kim, Seoul National University Hospital, Seoul, South Korea

180 - New Generation Drug-Eluting Stent Superior to Benchmark Xience Drug-Eluting Stent  
Masato Nakamura, Satoru Otsuji, Yoshihisa Nakagawa, Yuji Oikawa, Nobuo Shiode, Masatoshi Miyahara, Gaku Nakazawa, Hiroyoshi Yokoi, Associations for Establishment of Evidence in Interventions, Minatoku, Tokyo, Japan

181 - Clinical Predictors of Heterogeneous In-Stent Neointima Assessed With Optical Coherence Tomography  
Takeshi Tada, Kazushige Kadota, Seiji Habara, Hiroyuki Tanaka, Yasushi Fuku, Tsuyoshi Goto, Kazuaki Mitsudo, Kurashiki Central Hospital, Kurashiki, Japan

182 - Second-Generation Versus First-Generation Drug-Eluting Stents in Patients With and Without Diabetes Mellitus: Pooled Analysis From the RESET and NEXT Trials  
Kenji Nakatsuma, Hiroki Shiomi, Masahiro Natsuaki, Takeshi Morimoto, Takeshi Kimura, Kyoto University, Kyoto, Japan

183 - Long-Term Outcomes of Patients Treated With Everolimus-Eluting Bioresorbable Vascular Scaffolds Versus Everolimus-Eluting Metallic Stents: A Propensity Score Comparison of Patients Enrolled in the ABSORB EXTEND and SPIRIT Trials  
Jose de Ribamar Costa, Alexandre Abizaid, on behalf of ABSORB Extend Co-Investigators, Dante Pazzanese, São Paulo, Brazil

184 - A Novel Thin-Strut Sirolimus-Eluting Bioresorbable Scaffold: Preclinical Evaluation in Porcine Coronary Arteries up to 6 Months  
Yanping Cheng, Pawel Gasior, Gaoke Feng, Edward A. Estrada, Jennifer McGregor, Kamal Ramzipoor, Chang Lee, Wang Lijie, Gerard Conditt, Serge Rousselle, Greg Kaluza, Juan Granada, CRF Skirball Center for Innovation, Orangeburg, NY, USA



185 - Stent Thrombosis: Is the Achilles Heel of Bioresorbable Scaffolds Emerging? A Meta-Analysis of Randomized Clinical Trials  
Felix M. Valencia-Serrano, María Valencia-Serrano, Miguel Angel Martinez-Gonzalez, Torrecárdenas University Hospital, Almería, Spain

186 - Assessment of Benefits With Drug-Eluting Stents Use According to the Risk of Bleeding and Target Vessel Revascularization  
Jae-Sik Jang, Fengming Tang, Philip Jones, David Cohen, Suzanne Arnold, Ali Shafiq, Garth Graham, John Spertus, Inje University Busan Paik Hospital, Busan, South Korea

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

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

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

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

### ACC.i2 Interventional Cardiology - Moderated Poster Contributions Session #1276M

#### ACC.i2 Mitral Valve Intervention: Evaluating Acute and Longer-Term Procedure Success

Monday, April 4, 2016, 9:45 a.m. - 10:30 a.m.

ACC.i2 Interventional Cardiology Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 0.75 /CNE Hours: 0.75

9:45 a.m.

Acute Procedural Success in Percutaneous Mitral Paravalvular Leak Closure Is Associated With Improved Long-Term Survival

Mohammad Sarraf, Mohamad Alkhoul, Elad Maor, Chad Zack, Mackram Eleid, Joseph Maalouf, Donald Hagler, Allison Cabalka, Guy Reeder, Rick Nishimura, Charanjit Rihal, Mayo Clinic, Rochester, MN, USA

9:55 a.m.

Question and Answer

10:00 a.m.

Everest II REALISM: Early Success Rates of MitraClip Placement by Etiology of Regurgitation and Mitral Valve Morphology

Atif Qasim, Saibal Kar, Neil Weissman, Ted Feldman, Elyse Foster, UCSF, San Francisco, CA, USA

10:10 a.m.

Question and Answer

10:15 a.m.

Preliminary Analysis of Midterm Durability of Transcatheter Mitral Valve Repair in Patients With Severe Degenerative Mitral Regurgitation and Prohibitive Surgical Risk

D. Scott Lim, Saibal Kar, Howard Herrmann, Andrew Wang, Patrick Whitlow, William Gray, Paul Grayburn, Michael Mack, Donald Glower, Ted Feldman, University of Virginia, Charlottesville, VA, USA

10:25 a.m.

Question and Answer

ACC Poster Moderator: Charanjit S. Rihal

ACC Poster Moderator: Josep Rodes-Cabau

### ACC.i2 Interventional Cardiology - Scientific Session Session #309

#### Fellows Bootcamp: Interventional Basics

Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.

Room S103ab

CME Hours: 1.5 /CNE Hours: 0

Co-Chair: Robert J. Applegate

Co-Chair: Sahil A. Parikh

10:45 a.m.

Access

Robert J. Applegate

11:00 a.m.

Interventional Pharmacology

Craig Beavers

Nashville, TN

11:15 a.m.

FFR/IVUS/OCT

William Fuller Fearon

Stanford, CA

11:30 a.m.

Basic PVD Skill Set

Sahil A. Parikh

Cleveland, OH

11:45 a.m.

Basic Structural Skill Set

James Bernard Hermiller

Indianapolis, IN

12:00 p.m.

Question and Answer

### ACC.i2 Interventional Cardiology - Scientific Session Session #734

#### Complications of TAVR: Joint Symposium of the Society of Cardiovascular Computed Tomography and the American College of Cardiology

Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.

Room S102

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Jonathon Leipsic

Co-Chair: Raj R. Makkar

Co-Chair: William W. O'Neill

Panelist: Danny Dvir

Panelist: Sammy Elmariah

Panelist: Isaac George



10:45 a.m.  
Prevention of Coronary Occlusion in De Novo and Valve-in-Valve TAVR  
Chandan Devireddy  
Atlanta, GA

10:48 a.m.  
Panel Discussion

10:57 a.m.  
Valve Thrombosis: Reality or Hoax  
Raj R. Makkar  
Los Angeles, CA

11:00 a.m.  
Panel Discussion

11:09 a.m.  
Prevention and Management of Annular Rupture  
Isaac George  
New York, NY

11:12 a.m.  
Panel Discussion

11:21 a.m.  
Post TAVR PV Leak Closure Techniques  
Mayra E. Guerrero  
Evanston, IL

11:24 a.m.  
Panel Discussion

11:33 a.m.  
Strategies to Minimize Port-TAVR Pacemakers  
Tamim Nazif  
New Rochelle, NY

11:36 a.m.  
Panel Discussion

11:45 a.m.  
Pick the Valve: Echo Parameters to Prevent Complications  
Stamatios Lerakis  
Atlanta, GA

12:00 p.m.  
Pick the Valve: CT Parameters to Prevent Complications  
Jonathon Leipsic  
Vancouver, BC

#### ACC.i2 Interventional Cardiology - Scientific Session Session #735

**Development of the Heart Team in 2016 and Beyond**  
Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.  
Room S103cd  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Susheel K. Kodali  
Co-Chair: Michael J. Mack  
Panelist: Christopher Meduri  
Panelist: Ruby Satpathy  
Panelist: Craig R. Smith  
Panelist: Wilson Y. Szeto

10:45 a.m.  
Leading the Team: Who's in Charge?  
Patrick T. O'Gara  
Boston, MA

10:55 a.m.  
The TAVR Coordinator: The Growing Role of This Integral Person to the Heart Team  
Amy E. Simone  
Atlanta, GA

11:05 a.m.  
The 3M Pathway and What It Means for the Heart Team  
David A. Wood  
Vancouver, Canada

11:15 a.m.  
Importance of the Imager for Moving the Heart Team Forward  
Neil J. Weissman  
Washington, DC

11:25 a.m.  
Role of the Heart Team in Low-Risk Patients: Only Cardiologists Are Needed  
E. Murat Tuzcu  
Cleveland, OH

11:35 a.m.  
Role of the Heart Team in Low-Risk Patients: Surgeons Should Definitely Stay Involved  
Michael J. Reardon  
Houston, TX

11:45 a.m.  
Can the Heart Team Stay Financially Viable: Can I Afford to Have a Surgeon and Cardiologist Involved?  
Lars G. Svensson  
Cleveland, OH

11:55 a.m.  
The Heart Team of the Future: How Will It Look?  
Susheel K. Kodali  
New York, NY

12:05 p.m.  
Panel Discussion

#### ACC.i2 Interventional Cardiology - Scientific Session Session #736

**The Tricuspid Valve: The New Frontier**  
Monday, April 4, 2016, 10:45 a.m. - 12:15 p.m.  
Room S104  
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Gilles Dreyfus  
Panelist: Georg Nickenig  
Panelist: Horst Sievert

10:45 a.m.  
The Impact of Tricuspid Regurgitation on Outcomes  
Steven F. Bolling  
Ann Arbor, MI

10:55 a.m.  
Indications and Predictors of Success: Can We Learn From Surgical Outcomes?  
Gilles Dreyfus  
Monaco

11:05 a.m.  
Case Presentation: Transcatheter Tricuspid Valve Repair  
Christopher R. Thompson  
Vancouver, Canada



11:10 a.m.  
Overview of Available Transcatheter Solutions for the Tricuspid Valve  
Francesco Maisano  
Zurich, Switzerland

11:20 a.m.  
Essentials of Imaging for Tricuspid Valve Disease I: Pre-Procedural Planning With CT  
Philipp Blanke  
Vancouver, Canada

11:30 a.m.  
Essentials of Imaging for Tricuspid Valve Disease II: Essential Echocardiography  
Luigi P. Badano  
35123 Padua, Italy

11:40 a.m.  
Adjunctive Imaging Modalities for the Tricuspid Valve: 3D, ICE and Others  
Thomas Bartel  
Abu Dhabi, United Arab Emirates

11:50 a.m.  
How Should We Best Assess Procedural Success?  
Paul A. Grayburn  
Dallas, TX

12:00 p.m.  
Debate: Tricuspid Regurgitation Is a Surgical Disease  
Steven F. Bolling  
Ann Arbor, MI

12:03 p.m.  
Debate: Transcatheter Tricuspid Repair Is Here and Now!  
John G. Webb  
Vancouver, Canada

12:06 p.m.  
Rebuttal: Tricuspid Regurgitation Is a Surgical Disease

12:08 p.m.  
Rebuttal: Transcatheter Tricuspid Repair Is Here and Now!

12:10 p.m.  
Panel Discussion

**ACC.i2 Interventional Cardiology - Maintenance of Certification  
Session #827**  
**Study Session for Maintenance of Certification: ACC Interventional  
Cardiology Module 8**  
**Monday, April 4, 2016, 12:15 p.m. - 2:45 p.m.**  
**Room S105ab**  
**CME Hours: 2.5 /CNE Hours: 0**

Chair: Anjan K. Sinha  
MOC Faculty: Saibal Kar  
MOC Faculty: Gautam Kumar

**ACC.i2 Interventional Cardiology - Maintenance of Certification  
Session #828**  
**Study Session for Maintenance of Certification: ACC Interventional  
Cardiology Module 7**  
**Monday, April 4, 2016, 12:15 p.m. - 2:45 p.m.**  
**Room S105cd**  
**CME Hours: 2.5 /CNE Hours: 0**

Chair: Paul Sorajja  
MOC Faculty: Mackram F. Eleid  
MOC Faculty: Anthony Hilliard

**ACC.i2 Interventional Cardiology - Scientific Session  
Session #310**  
**Fellows Bootcamp: Coronary Disease Management**  
**Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.**  
**Room S103ab**  
**CME Hours: 1.25 /CNE Hours: 0**

Co-Chair: Robert J. Applegate  
Co-Chair: Manish A. Parikh

12:30 p.m.  
PCI Versus CABG: How to Choose  
Manish A. Parikh

12:43 p.m.  
Complex Stenting: UPLM/Bifurcation Disease  
David E. Kandzari  
Atlanta, GA

12:56 p.m.  
CTO  
James Aaron Grantham  
Kansas City, MO

1:09 p.m.  
Transradial Intervention  
Sunil V. Rao  
Durham, NC

1:21 p.m.  
STEMI  
James E. Tcheng  
Durham, NC

1:33 p.m.  
Complications  
Jeffrey W. Moses  
New York, NY

**ACC.i2 Interventional Cardiology - Scientific Session  
Session #750**  
**Endovascular Management of Critical Limb Ischemia**  
**Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.**  
**Room S101**  
**CME Hours: 1.25 /CNE Hours: 1.25**

Co-Chair: J. Dawn Abbott  
Co-Chair: John R. Laird

12:30 p.m.  
What Do Registries Tell Us About CLI Today?  
Alan T. Hirsch



12:42 p.m.

Getting There, Pedal Access for CLI Intervention  
Peter Soukas  
Providence, RI

12:51 p.m.

Ultimate Goal: Angiosome Targeted, Complete or Simplest Approach to CLI  
Larry J. Diaz  
Grand Rapids, MI

1:03 p.m.

Technology: Debulking, DEB and DES in Infrapopliteal Intervention  
John R. Laird  
El Macero, CA

1:15 p.m.

Case Based Review of Complication Management in CLI Intervention  
Andrew J. Klein  
Saint Louis, MO

1:27 p.m.

Optimal Antithrombotic and Antiplatelet Therapies in Lower Extremity Intervention  
W. Schuyler Jones  
Chapel Hill, NC

1:36 p.m.

Question and Answer

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #751

#### New Payment Models: What Does This Mean for Interventional Cardiology

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Room S102

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Paul N. Casale

Co-Chair: Karen Joynt

12:30 p.m.

Specialty Designation for Interventional Cardiology: What Does It Really Mean?  
James C. Blankenship

12:42 p.m.

Goodbye SGR, Hello MACRA  
Karen Joynt  
Boston, MA

12:54 p.m.

Tips on MIPS: The Merit Based Incentive Program  
Thomas M. Maddox  
Denver, CO

1:06 p.m.

ACO Versus Traditional FFS  
William Borden  
Washington, DC

1:18 p.m.

Bundled Payment for PCI  
Kirk N. Garratt  
New York, NY

1:30 p.m.

Question and Answer

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #753

#### Imaging for Left Atrial Appendage and Paravalvular Leak Closure

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

Room S104

CME Hours: 1.25 /CNE Hours: 0

Co-Chair: Muhamed Saric

Co-Chair: Brian K. Whisenant

Panelist: Samir R. Kapadia

Panelist: Charanjit S. Rihal

12:30 p.m.

The Importance of Intra-Procedural Imaging: The Interventionalists' Perspective  
John D. Carroll  
Aurora, CO

12:38 p.m.

Guidance of the Trans-Septal Puncture: Translating Anatomy to Imaging  
Samir R. Kapadia  
Cleveland, OH

12:46 p.m.

Case Presentation: LAA Closure Gone Wrong  
David R. Holmes  
Rochester, MN

12:51 p.m.

The Watchman Device: Intra-Procedural Imaging Pearls  
Muhamed Saric  
New York, NY

12:59 p.m.

New Transcatheter Devices for LAA Closure  
Ole De Backer  
Denmark

1:07 p.m.

Case Presentation: Challenging PVL Closure  
Sunil V. Mankad  
Rochester, MN

1:12 p.m.

Paravalvular Leak Closure: What Are We Treating and Is It Effective?  
Charanjit S. Rihal  
Rochester, MN

1:20 p.m.

Intra-Procedural Imaging Guidance for PVL Closure  
Itzhak Kronzon  
New York, NY

1:28 p.m.

The Future of Imaging for PVL Closure  
Carlos E. Ruiz  
New York, NY

1:36 p.m.

Panel Discussion





### ACC.i2 Interventional Cardiology - Moderated Poster Contributions Session #1287M

#### ACC.i2 Coronary Intervention: Evidence to Practice

Monday, April 4, 2016, 12:30 p.m. - 1:45 p.m.

ACC.i2 Interventional Cardiology Moderated Poster Theater, Poster Area, South Hall A1

CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m.

Pathology of Left Main Atherosclerosis: Implications for Percutaneous Coronary Interventions

Emanuel Harari, Fumiyuki Otsuka, Kazuyuki Yahagi, Christoph Lutter, Hiroyoshi Mori, Tobias Koppa, Maria Romero, Frank Kolodgie, Elena Ladich, Michael Joner, Renu Virmani, CVPath Institute, Inc, Gaithersburg, MD, USA

12:40 p.m.

Question and Answer

12:45 p.m.

Dual Anti-Platelet Therapy Is Not Superior to Aspirin Alone After Coronary Artery Bypass in Diabetic Patients With Multi-Vessel Disease: Insights From the Freedom Trial

Sean Van Diepen, Valentin Fuster, Subodh Verma, Taye H. Hamza, F. Sandra Siami, Shaun Goodman, Michael Farkouh, University of Toronto, Toronto, Canada

12:55 p.m.

Question and Answer

1:00 p.m.

Individual Long-Term Mortality Prediction Following Either Coronary Stenting or Bypass Surgery in Patients With Multivessel and/or Unprotected Left-Main Disease: An External Validation of the Syntax Score II Model in the 1480 Patients of Best and Precombat Randomized Controlled Trials

Yohei Sotomi, Raphael Cavalcante, Klaveren David, Ahn Jung-Min, Lee Cheol W., Yoshinobu Onuma, Park Seung-Jung, Patrick Serruys, Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands

1:10 p.m.

Question and Answer

1:15 p.m.

Temporal Trends in Utilization of Fractional Flow Reserve for Patients With Stable Coronary Artery Disease in the United States

Sahil Khara, Dhaval Kolte, Tanush Gupta, Wilbert Aronow, Kathir Subramanian, Neel Khanna, Howard Cooper, Robert Timmermans, Diwakar Jain, Gregg Fonarow, Deepak Bhatt, Julio Panza, New York Medical College, Valhalla, NY, USA

1:25 p.m.

Question and Answer

1:30 p.m.

Influence of Lesion Location on the Diagnostic Accuracy of Adenosine-Free Coronary Pressure Wire Measurements: the CONTRAST (Can Contrast Injection Better Approximate FFR Compared to Pure Resting Physiology?) Substudy

Yuhei Kobayashi, Nils Johnson, Colin Berry, Bernard De Bruyne, K. Lance Gould, Allen Jeremias, Keith Oldroyd, Nico Pijls, William Fearon, on behalf of the CONTRAST study investigators, Stanford University Medical Center, Stanford, CA, USA, Stanford Cardiovascular Institute, Stanford, CA, USA

1:40 p.m.

Question and Answer

ACC Poster Moderator: Dominick J. Angiolillo

ACC Poster Moderator: Khaled M. Ziada

### ACC.i2 Interventional Cardiology - Scientific Session Session #311

#### Fellows Bootcamp: Peripheral Vascular Disease and Structural Heart Disease Management

Monday, April 4, 2016, 2 p.m. - 3:30 p.m.

Room S103ab

CME Hours: 1.5 /CNE Hours: 0

Co-Chair: Susheel K. Kodali

Co-Chair: Sahil A. Parikh

2:00 p.m.

Iliac and SFA

John R. Laird

2:00 p.m.

Infrapopliteal and CLI

Mehdi H. Shishehbor

Cleveland, OH

2:15 p.m.

Renal, Carotid, Subclavian

Christopher J. White

New Orleans, LA

2:30 p.m.

PFO/ASD/VSD

John D. Carroll

Aurora, CO

2:45 p.m.

TAVR

Susheel K. Kodali

New York, NY

3:00 p.m.

Mitral Therapies

Howard C. Herrmann

Philadelphia, PA

3:15 p.m.

Question and Answer

### ACC.i2 Interventional Cardiology - Scientific Session Session #763

#### Multimodality TAVR Imaging: Where We Are Today

Monday, April 4, 2016, 2 p.m. - 3:30 p.m.

Room S103cd

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Linda D. Gillam

Co-Chair: Stephen H. Little

2:00 p.m.

Historical Overview of the Role of Imaging for TAVR

Jose Zamorano

2:10 p.m.

Essential CT: Strengths and Weaknesses

Victoria Delgado

Leiden, Netherlands

2:20 p.m.

Pre-Implantation Imaging for TAVR: The Enduring Role of Echo

Linda D. Gillam

Morristown, NJ



2:30 p.m.

Procedural Imaging Tools: TEE/TTE, ICE, and Fusion Imaging  
Rebecca T. Hahn  
New York, NY

2:40 p.m.

Case Presentation: Imaging Saves the Day!  
Patric Biaggi  
Toronto, Canada

2:45 p.m.

Intra-Procedural Decision-Making Based on Imaging  
Christopher Meduri  
Atlanta, GA

2:55 p.m.

Assessing Post-TAVR Function: The New VARC-3 Proposal  
Jae K. Oh  
Rochester, MN

3:05 p.m.

Leaflet Thickening With Advanced Imaging Techniques: What Does It Mean?  
Carlos E. Ruiz  
New York, NY

3:15 p.m.

The Future of Imaging for TAVR  
Stephen H. Little  
Houston, TX

3:25 p.m.

Question and Answer

### ACC.i2 Interventional Cardiology - Scientific Session Session #764

#### Optimal Antiplatelet Therapy in ACS and PCI

Monday, April 4, 2016, 2 p.m. - 3:30 p.m.

Room S104

CME Hours: 1.5 / CNE Hours: 1.5

Co-Chair: Robert A. Harrington

Co-Chair: Michelle L. O'Donoghue

2:00 p.m.

Defining Optimal Antiplatelet Therapy: The P2Y12 Inhibitor Debate  
Continues. Case Presentation on Stent Thrombosis  
Rajesh V. Swaminathan

2:05 p.m.

Prasugrel Has the Most Compelling Overall Efficacy Profile  
Stephen D. Wiviott  
Boston, MA

2:15 p.m.

Ticagrelor: Hard to Argue With a Mortality Benefit  
Lars Wallentin  
Uppsala SE-75185, Sweden

2:25 p.m.

Cangrelor Will Optimize Periprocedural Coverage  
Harvey D. White  
Auckland 1142, New Zealand

2:35 p.m.

Panel Discussion

Panelist: Rajesh V. Swaminathan

Panelist: Theodore A. Bass

Panelist: Stephen D. Wiviott

Panelist: Lars Wallentin

2:40 p.m.

Challenges With Drug Administration. Morphine and PPIs: Practical  
Considerations When Administering P2Y12 Inhibitors  
Dimitrios Alexopoulos  
Ekali Athens, Greece

2:51 p.m.

Challenges With Drug Administration. Optimal Loading Dose and Delivery of  
P2Y12 Inhibitors: Should the Loading Dose Be Crushed?  
Dominick J. Angiolillo  
Jacksonville, FL

3:02 p.m.

Challenges With Drug Administration. Platelet Function Testing: Should We  
Continue the Discussion?  
Paul A. Gurbel  
Baltimore, MD

3:13 p.m.

Challenges With Drug Administration. Genotyping Should Still Be Considered  
for Patients Treated With Clopidogrel  
Tabassome Simon  
Paris, France

3:24 p.m.

Panel Discussion

Panelist: Dimitrios Alexopoulos

Panelist: Dominick J. Angiolillo

Panelist: Paul A. Gurbel

Panelist: Tabassome Simon

### ACC.i2 Interventional Cardiology

#### Session #830

#### Core Curriculum: Beyond 'Cosmetic Lumenology'

Monday, April 4, 2016, 2 p.m. - 3:30 p.m.

Room N426

CME Hours: 1.5 / CNE Hours: 0

Chair: Gregg W. Stone

2:00 p.m.

Things I've Learned Through Literature and the School of "Hard Knocks" in  
the Cath Lab  
Douglas E. Drachman  
Boston, MA

2:25 p.m.

Shared Decision-Making in Coronary Revascularization  
Megan Coylewright  
Lebanon, NH

2:50 p.m.

The Evidence for Interventions in Structural Heart Disease  
Anthony Hilliard  
Redlands, CA

3:15 p.m.

Question and Answer



### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #777

#### Case Reviews: Learning From PCI Complications

Monday, April 4, 2016, 3:45 p.m. - 5:15 p.m.

Room S101

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Jeffrey J. Popma

Co-Chair: Claire S. Duvernoy

3:45 p.m.

Case Presentation: STEMI Gone Wrong

Allen Jeremias

3:50 p.m.

Question and Answer

4:00 p.m.

Case Presentation: Inadequate Lesion Preparation Before Stenting

Megan Coylewright

Lebanon, NH

4:05 p.m.

Question and Answer

4:15 p.m.

Case Presentation: Bleeding Complication

Herbert D. Aronow

Ann Arbor, MI

4:20 p.m.

Question and Answer

4:30 p.m.

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

Theodore L. Schreiber

Bloomfield Hills, MI

4:35 p.m.

Question and Answer

4:45 p.m.

Case Presentation: Vessel Dissection

Dharam J. Kumbhani

Dallas, TX

4:50 p.m.

Question and Answer

5:00 p.m.

Case Presentation: Perforation

Dimitrios Karpaliotis

New York, NY

5:05 p.m.

Question and Answer

### ACC.i2 Interventional Cardiology - Scientific Session

#### Session #778

#### Timing and Duration of DAPT

Monday, April 4, 2016, 3:45 p.m. - 5:15 p.m.

Room S104

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Deepak L. Bhatt

Co-Chair: Michelle L. O'Donoghue

3:45 p.m.

Shorter DAPT Wins: Less Bleeding (Meta-Analysis)

Marco Valgimigli

3:55 p.m.

Longer DAPT Wins: Less MI and Stent Thrombosis (DAPT Trial)

Robert W. Yeh

Boston, MA

4:05 p.m.

Second Generation DES Only Need 3 Months of DAPT (Completed and Ongoing Trials)

Fausto Feres

Sao Paulo, Brazil

4:15 p.m.

ACS Patients Need Lifelong DAPT (CHARISMA, PEGASUS)

Marc P. Bonaca

Boston, MA

4:25 p.m.

Question and Answer

4:35 p.m.

Pretreatment with Oral Agents Is Unnecessary

Dominick J. Angiolillo

Jacksonville, FL

4:45 p.m.

Pretreatment With Oral Agents Is the Standard of Care

Shamir R. Mehta

Hamilton, Canada

4:55 p.m.

Cangrelor Is the Answer to This Debate

Robert A. Harrington

Stanford, CA

5:05 p.m.

Question and Answer