



Interventional Cardiology - Scientific

Session #604

Shock Me Once, Awe Me Twice- The Biventricular Approach to Acute Shock

Saturday, March 10, 2018, 8:00 a.m. - 9:30 a.m.

Room 204 C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: David A. Morrow

Co-Chair: Marwa A. Sabe

Panelist: Joaquin Cigarroa

Panelist: James C. Fang

Panelist: Michael M. Givertz

Panelist: Mandeep R. Mehra

8:00 a.m.

Case Presentation: Acute on Chronic Heart Failure

Deirdre Marie Mooney

Portland, ME

8:08 a.m.

The Straw That Broke the Camel's Back: Acute on Chronic Heart Failure

James C. Fang

Salt Lake City, UT

8:20 a.m.

Panel Discussion With Audience Question and Answer

8:30 a.m.

Case Presentation: Acute Biventricular Failure

Colin T. Phillips

Newton Center, MA

8:38 a.m.

When Both Sides Go Down: Acute Biventricular Failure

Michael M. Givertz

Boston, MA

8:50 a.m.

Panel Discussion With Audience Question and Answer

9:00 a.m.

Case Presentation: RV Failure

Julie Rosenthal

Scottsdale, AZ

9:08 a.m.

The Remembered Ventricle: RV Failure

Mandeep R. Mehra

Boston, MA

9:20 a.m.

Panel Discussion With Audience Question and Answer

Interventional Cardiology - Scientific

Session #605

Case Based Decision Making With Coronary Physiology and Imaging and Evidence Behind These Decisions

Saturday, March 10, 2018, 8:00 a.m. - 9:30 a.m.

Room 203 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Allen Jeremias

Co-Chair: Giuseppe Tarantini

Panelist: Ziad A Ali

Panelist: Justin E. Davies

Panelist: Nils P. Johnson

Panelist: Akiko Maehara

8:00 a.m.

Case Presentation: Discordance Between FFR and Resting Indices

(iFR, Pd/Pa) With Intravascular Imaging

Arnold H. Seto

Long Beach, CA

8:05 a.m.

Pattern, Causes, and Clinical Decision in the Lesions With Discordance Between FFR and Resting Indices

Nils P. Johnson

Houston, TX

8:15 a.m.

Panel Discussion With Audience Question and Answer

8:20 a.m.

Case Presentation: Left Main Lesion Evaluation With Physiology and Imaging

Peter L. Duffy

Pinehurst, NC

8:25 a.m.

Case Presentation: Tandem Lesion With FFR, iFR, and OCT Pullback

Ziad A Ali

New York, NY

8:30 a.m.

Effect of Tandem or Left Main Bifurcation Lesion on Physiology Measurement and How a Pressure Pullback or Imaging May Aid in the Assessment of Lesion Based Ischemia?

Justin E. Davies

London, United Kingdom

8:40 a.m.

Case Presentation: Non-Culprit Lesion Evaluation by Physiology and Imaging in STEMI Patient

Tej Sheth

Hamilton, Canada

8:45 a.m.

Prediction of Natural History of Deferred Lesion in ACS by Physiology or Imaging

Ik-Kyung Jang

Boston, MA

8:55 a.m.



Panel Discussion With Audience Question and Answer

9:00 a.m.

Case Presentation: Post-Stent Abnormal Physiology and Imaging
Michael Young
Jamaica Plain, MA

9:05 a.m.

Clinical Implication of Post-PCI Physiology and Imaging Evaluation
Abdul Hakeem
Little Rock, AR

9:15 a.m.

Panel Discussion With Audience Question and Answer

Interventional Cardiology - Scientific Session #606

Transradial Mini-Symposium

Saturday, March 10, 2018, 8:00 a.m. - 9:30 a.m.

Room 202 C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Mirvat A. Alasnag

Co-Chair: Binita Shah

Panelist: Maureen B. Julien

Panelist: Vanesa Fernanda Nuñez

Panelist: Sridevi Reddy Pitta

Panelist: Ruby Satpathy

8:00 a.m.

Healthcare Cost Implications of Converting the US From Femoral to Radial Approach
Amit P. Amin
St Louis, MO

8:11 a.m.

Panel Discussion With Audience Question and Answer

8:16 a.m.

The Top Transradial Tips and Tricks You Need to Know For Success
Samir B. Pancholy
Clarks Summit, PA

8:27 a.m.

Panel Discussion With Audience Question and Answer

8:32 a.m.

Protecting Yourself: Strategies to Reduce Radiation Exposure During Transradial Procedures
Sanjit S. Jolly
West Hamilton, Canada

8:43 a.m.

Panel Discussion With Audience Question and Answer

8:48 a.m.

Radial Access and Acute Kidney Injury: What Do the Data Show?
Somjot Singh Brar
Los Angeles, CA

8:59 a.m.

Panel Discussion With Audience Question and Answer

9:04 a.m.

Access Site and Same Day Discharge: A Primer
Sunil V. Rao
Durham, NC

9:15 a.m.

Panel Discussion With Audience Question and Answer

Interventional Cardiology - Poster Contributions Session #1111

Complex Patients and Comorbidities: PCI Outcomes

Saturday, March 10, 2018, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

223 - Clinical Outcomes by Sex and Ethnicity After Percutaneous Coronary Intervention

Asha Mahajan, Jaya Chandrasekhar, Samantha Sartori, Usman Baber, George Dangas, Jason Kovacic, Prakash Krishnan, Pedro Moreno, Joseph Sweeny, Nitin Barman, Pooja Vijay, Annapoorna Subhash Kini, Roxana Mehran, Samin K. Sharma, Icahn School of Medicine at Mount Sinai, New York, NY, USA

224 - Mortality Following Bleeding in Atrial Fibrillation Patients Undergoing Percutaneous Coronary Intervention

Madhan Shanmugasundaram, Mehrtash Hashemzadeh, Mohammad Movahed, Southern Arizona VA Health Care System, Tucson, AZ, USA, VA Long Beach Health Care System, Long Beach, CA, USA

225 - Outcomes of Percutaneous Coronary Intervention in Patients With Atrial Fibrillation

Madhan Shanmugasundaram, Mehrtash Hashemzadeh, Mohammad Movahed, Southern Arizona VA Health Care System, Tucson, AZ, USA, VA Long Beach Health Care System, Long Beach, CA, USA

226 - Short-Term Outcomes For PCI in Hospitals With and Without On-Site Cardiac Surgery

Eitezaz Mahmood, Albert Ren, Faraz Mahmood, Anam Pal, Supriya Rastogi, Robert Dorfman, Robina Matyal, Northwestern University Feinberg School of Medicine, Chicago, IL, USA, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA, USA

227 - Outcomes of Polytetrafluoroethylene Covered Stents in Patients With Coronary Artery Perforation and Coronary Artery Aneurysm

Parth Parikh, Kinjal Banerjee, Kesavan Sankaramangalam, Ravi Nair, Russell Raymond, Stephen Ellis, E. Murat Tuzcu, Samir Kapadia, Cleveland Clinic Foundation, Cleveland, OH, USA

228 - Atrial Fibrillation Predicts Long-Term Outcomes After Percutaneous Coronary Intervention in Patients With Coronary Artery Disease

Yasuhiro Matsuda, Takayuki Ishihara, Osamu Iida, Mitsutoshi Asai, Masaharu Masuda, Shin Okamoto, Kiyonori Nanto, Takashi Kanda, Takuya Tsujimura, Shota Okuno, Takuya Ohashi, Hiroyuki Kawai, Aki Tsuji, Yosuke Hata, Hiroyuki Uematsu, Yuki Sato, Toshiaki Mano, Kansai Rosai Hospital Cardiovascular Center, Amagasaki, Japan



229 - Outcomes of Patients With Small Vessels Undergoing PCI With Contemporary Drug-Eluting Stents: A Sub-Analysis From the BIONICS Study

Maayan Konigstein, David Kandzari, Gidon Perlman, Michael Love, Pieter Smits, Shmuel Banai, Ozan Melek Ozgu, Martin B. Leon, Gregg Stone, Ori Ben-Yehuda, Cardiovascular Research Foundation, New York, NY, USA

230 - Coronary Angiography Prior to Liver Transplantation: Results and Clinical Implications

Shane Prejean, Phillip Smith, James Hollier, Amier Ahmad, Brendan McGuire, Amrita Mukherjee, Massoud Leeser, Arka Chatterjee, Mark Sasse, University of Alabama at Birmingham, Birmingham, AL, USA

231 - Impact of Baseline Hemoglobin on the Incidence of Bleeding After Coronary Intervention in the Elderly

David Marti, Jose Morales Gallardo, Damaris Carballeira Puentes, David Brau Queral, Andrea Rueda Linares, Ricardo Concepcion Suarez, Rafael Gómez, Edurne Lopez, Jorge Palazuelos, Salvador Álvarez, Central Defense Hospital, Madrid, Spain

232 - Safety and Efficacy of the Combo Bio-Engineered Stent in Patients at High Bleeding Risk: Results From the MASCOT Post-Marketing Registry

Roxana Mehran, Jaya Chandrasekhar, Melissa Aquino, Sabato Sorrentino, Tiong Kiam Ong, Michael Kang Yin Lee, Andres Iniguez, Hazem Warda, Kamilia Moalem, Clayton Snyder, Debbie Morrell, Francesca Elmore, Stephen Rowland, Antonio Colombo, Icahn School of Medicine at Mount Sinai, New York, NY, USA

233 - Impact of Patient Body Mass Index on Nurse Radiation Dose During Coronary Angiography

Lahdan Refahiyat, Austin Clarey, Jacob Bundy, Edwin Mandieka, David Benavides, Thomas Crane, Sheetal Maragiri, Erica Osip, Emily Pardington, Abbey Mulder, Taylor Ten Brock, Jessica Parker, Stacie VanOosterhout, Ryan Maddar, Spectrum Health, Grand Rapids, MI, USA

234 - In-Stent Restenosis of Drug-Eluting Stents Compared to a Matched Group of Patients With De Novo Coronary Artery Stenosis

Ron Waksman, Kyle Buchanan, M. Chadi Alraies, Micaela Iantorno, Deepakraj Gajanana, Toby Rogers, Linzhi Xu, Jiaxiang Gai, Rebecca Torguson, William Suddath, Itsik Ben-Dor, Lowell Satler, MedStar Washington Hospital Center, Washington, DC, USA

Interventional Cardiology - Poster Contributions Session #1112

TAVR and Everything Else

Saturday, March 10, 2018, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

235 - Transcatheter Aortic Valve Replacement Acutely Improves Myocardial Metabolic Energetic Profile

Giulia Binda, Alice Panizza, Elisa Calzaducca, Ilaria Bellacosa, Giuseppe De Luca, Paolo Marino, AOU-Maggiore della Carità, Novara, Italy

236 - Abnormal Diastology Predicts Long Term Functional Outcome and Re-Hospitalization in Patients Undergoing Transcatheter Aortic Valve Implantation

Juan Mundisugih, Antony S. Walton, Stephen J. Duffy, Dion Stub, Roxanne Johnston, Samantha Holland, David M. Kaye, Shane Nanayakkara, The Alfred Hospital, Melbourne, Australia

237 - Dedicated Program to Enhance Measurement of Lipoprotein(a) Among Patients Undergoing Transcatheter Aortic Valve Replacement

Gary Ma, Michael Wilkinson, Calvin Yeang, Kelsey Johnson, Anthony DeMaria, Bruno Cotter, Ryan Reeves, Mitul Patel, Ehtisham Mahmud, Sotirios Tsimikas, Sulpizio Cardiovascular Center, University of California San Diego, La Jolla, CA, USA

238 - Prognostic Value of Nutrition Status After Transcatheter Aortic Valve Replacement

Yohsuke Honda, Motoharu Araki, Shigemitsu Shirai, Kenji Makino, Takahiro Tokuda, Masakazu Tsutumi, Shinsuke Mori, Yasunari Sakamoto, Norihiro Kobayashi, Masahiro Yamawaki, Keisuke Hirano, Yoshiaki Ito, Saiseikai Yokohama-City Eastern Hospital, Yokohama, Japan

239 - Conscious Sedation Versus General Anesthesia in Transcatheter Aortic Valve Replacement: The German Aortic Valve Registry

Oliver Husser, Buntaro Fujita, Christian Hengstenberg, Christian Frerker, Andreas Beckmann, Helge Möllmann, Thomas Walther, Raffi Bekeredjian, Michael Böhm, Costanza Pellegrini, Sabine Bleiziffer, Rüdiger Lange, Friedrich Mohr, Christian Hamm, Timm Bauer, Stephan Ensminger, The German Aortic Valve Registry - GARY, Düsseldorf, Germany

240 - Anemia and Mortality in Patients Undergoing Transcatheter Aortic Valve Replacement (TAVR): A Systematic Review and Meta-Analysis

Napatt Kanjanahattakij, Pattara Rattanawong, Parasuram Krishnamoorthy, Natee Sirinvaravong, Pakawat Chongsathidkiet, Kamolyut Lapumnuaipol, Christian Witzke, Vincent Figueredo, Einstein Medical Center, Philadelphia, PA, USA

241 - Thrombocytopenia After Transcatheter Aortic Valve Replacement: A Comparison Between Balloon-Expandable and Self-Expanding Prosthesis

Margarida Pujol-López, Marco Hernández-Enríquez, Rut Andrea, Ander Regueiro, Joan Antoni Gómez-Hospital, Rafael Romaguera, Angel Cequier, Manel Sabaté, Hospital Clínic de Barcelona, Barcelona, Spain, Hospital Universitario de Bellvitge y Hospitalet de Llobregat, Barcelona, Spain

242 - Impact of Severe Renal Dysfunction on Left Ventricular Function and Survival After Transcatheter Aortic Valve Replacement

Alexis Okoh, Ahmed Seliem, Michael DeVita, Bruce Haik, Marc Cohen, Chunguang Chen, Mark Russo, RWJBarnabas Health/Newark Beth Israel Medical Center, Newark, NJ, USA

291 - Incidence and Predictors of Renal Dysfunction Following Transcatheter Aortic Valve Replacement: Impact of Acute Kidney Injury Definitions



Ruben Rodriguez, Mohammed Hasoon, Steven R. Bailey, Anand Prasad, Marvin Eng, Joel Michalek, Qianqian Liu, Brian Hernandez, University of Texas Health Science Center - San Antonio, San Antonio, TX, USA

292 - Complete Heart Block After Transcatheter Aortic Valve Replacement: Trends in Incidence and In-Hospital Outcomes
Ahmed Al-Ogaili, Setri Fugar, Ali Ayoub, Ahmed Kolkailah, Harry Fuentes, John H. Stroger Hospital of Cook County, Chicago, IL, USA

293 - The Effect of Warfarin on Prosthetic Valve Function After Transcatheter Aortic Valve Replacement
Cecilia Benz, Grant Edland, Cornelius Dyke, Steven Smedshammer, Hunter Row, Roxanne Newman, Thomas Haldis, Sanford Health, Fargo, ND, USA

294 - Predictors of Persistent Tricuspid Regurgitation After Transcatheter Aortic Valve Replacement in Patients With Baseline Significant Tricuspid Regurgitation
Berhane M. Worku, Marie-Tjherese Valovska, Adham Elmously, Polydoros Kampaktsis, Iosif Gulkarov, Catherine Castillo, Shing-Chiu Wong, Arash Salemi, New York Presbyterian Hospital/Weill Cornell Medical Center, New York, NY, USA

295 - Loop-Diuretic Use Prior to Transcatheter Aortic Valve Replacement Is Associated With Increased Mortality
Eric Cantev, John Blair, Lillian R. Benck, Quentin Youmans, Abdulrahman Abutaleb, Chetan Huded, Joseph Feinglass, Ranya Sweis, Duc Pham, Andrei Churyla, Mark Ricciardi, S. Chris Malaisrie, Charles Davidson, James Flaherty, Northwestern University Feinberg School of Medicine, Chicago, IL, USA

296 - Calculated Plasma Volume Status Predicts Outcomes After Transcatheter Aortic Valve Replacement
Annette Maznyczka, Omar Aldalati, Mohamad F. Barakat, Mehdi Eskandari, Vasileios Tzalamouras, Rafal Dworakowski, Ranjit Deshpande, Jonathan Byrne, Mark Monaghan, Ajay Shah, Olaf Wendler, Philip MacCarthy, Darlington Okonko, King's College Hospital, London, United Kingdom, King's College London, London, United Kingdom

297 - Impact of Modifiable Factors on Cardiac Enzyme Elevation After Transcatheter Aortic Valve Replacement on Post-Procedural
Seved Hossein Aalaei Andabili, Ki Park, Calvin Choi, Eddie Manning, Wade Stinson, Anthony Bavry, University of Florida, Gainesville, FL, USA, North Florida/South Georgia Veterans Health System, Gainesville, FL, USA

298 - Nutritional Status and Outcomes in Patients With Severe Aortic Stenosis Who Undergo Transcatheter Aortic Valve Replacement
Petar Saric, Jerry Lipinski, Sandeep Patel, Toral Patel, Jun Li, Guilherme Attizzani, University Hospitals Cleveland Medical Center, Cleveland, OH, USA

Interventional Cardiology - Poster Contributions

Session #1113

Interventional Cardiology: Imaging, Short-Term and Long-Term Outcomes in CTO PCI

Saturday, March 10, 2018, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

243 - Optical Coherence Tomography Findings of Chronic Total Occlusion Lesions

Miho Tada, Yusuke Fujino, Satoko Tahara, Hiroto Yabushita, Kenjiro Tani, Toru Naganuma, Hisaaki Ishiguro, Naoyuki Kurita, New Tokyo Hospital, Matsudo, Japan

244 - High-Resolution Angioscopy of Proximal Chronic Total Occlusion Microchannels Using the Scanning Fiber Endoscope
Vivian Hou, Dmitry Levin, Carol Hagen, William L. Lombardi, Eric Seibel, John Petersen, University of Washington, Seattle, WA, USA, Swedish Medical Center, Seattle, WA, USA

245 - Effect of Pre-CT Coronary Angiography on Procedural Success of Coronary CTO PCI: Systematic Review and Meta-Analysis

Wael Abuzeid, Mohammad Alturki, Navneet Singh, Joseph Abunassar, Queen's University, Kingston, Canada

246 - Relationship Between Myocardial Bridging and Chronic Total Occlusions of the Left Anterior Descending Coronary Artery Assessed by Combined Multidetector Computed Tomography and Intravascular Ultrasound Imaging

Myong Hwa Yamamoto, Akiko Maehara, Kohei Koyama, Gary Mintz, Masahiko Ochiai, Showa University Northern Yokohama Hospital, Yokohama, Japan, Cardiovascular Research Foundation, New York, NY, USA

247 - Syntax-Score II Based Assessment For Appropriate Patient Selection of Percutaneous Coronary Intervention Among Patients With Chronic Total Occlusion

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

248 - Long Term Survival Benefit of Chronic Total Occlusion Revascularization Versus Conservative Treatment in Elderly Patients

Eduardo Flores, Victoria Martin-Yuste, Ignacio Ferreira-Gonzalez, Guillem Caldentey, Sara Vazquez, Rodolfo San Antonio Dharandas, Gustavo Jimenez, Xavier Freixa, Ander Regueiro, Manel Sabate, Hospital Clinic Barcelona, Barcelona, Spain

249 - Revascularization of a Chronic Total Occlusion by Percutaneous Coronary Intervention Is Associated With a Significant Reduction in Mortality: Insights From a 4,327 Patient Meta-Analysis

Andrea Comella, Francis Ha, Michael Michail, Nitesh Nerlekar, James Cameron, James Saponitis, Adam Brown, MonashHeart, Clayton, Australia

250 - Gender Difference and Outcome After Percutaneous Intervention in Patients With Chronic Total Occlusion: A Systematic Review and Meta-Analysis



Pattara Rattanawong, Tanawan Riangwiwat, Wasawat Vutthikraivit, Prapaipan Putthapiban, Weera Sukhumthamarat, Chanavuth Kanitsoraphan, Pakawat Chongsathidkiet, University of Hawaii Internal Medicine Residency Program, Honolulu, HI, USA

251 - Major Adverse Cardiac Events of Revascularization in Chronic Total Coronary Occlusion Compared to Optimal Medical Therapy: A Systematic Review and Meta-Analysis
Saranapoom Klomjit, Wasawat Vutthikraivit, Pattara Rattanawong, Pakpoom Tantrachoti, Pavida Pachariyanon, Possawat Vutthikraivit, Awapa Prombandankul, Subhanudh Thavaraputta, Mohammad Ansari, Texas Tech University Health Sciences Center, Lubbock, TX, USA

252 - Impact of High-Sensitivity C-Reactive Protein on 5-Year Clinical Outcomes in Patients With Chronic Total Occlusion Lesion
Seung-Woon Rha, Jae Kyeong Byun, Byoung Geol Choi, Se Yeon Choi, Ahmed Mashaly, Yoonjee Park, Won Young Jang, WooHyeun Kim, Eun Jin Park, Ja Yeon Choi, Jin Oh Na, Cheol Ung Choi, Hong Euy Lim, Eung Ju Kim, Chang Gyu Park, Hong-Seog Seo, Dong Joo Oh, Korea University Guro Hospital, Seoul, South Korea, New Korea Hospital, Gimpo, South Korea

253 - Diabetes and Outcome of Percutaneous Coronary Intervention in Patients With Chronic Total Occlusion Lesions: A Systematic Review and Meta-Analysis
Wasawat Vutthikraivit, Pavida Pachariyanon, Saranapoom Klomjit, Pattara Rattanawong, Pakpoom Tantrachoti, Awapa Prombandankul, Weera Sukhumthamarat, Prapaipan Putthapiban, Mohammad Ansari, Texas Tech University Health Sciences Center, Lubbock, TX, USA

254 - Impact of Chronic Total Occlusion on Ventricular Arrhythmia and Mortality in Ischemic Cardiomyopathy Patient With Implantable Cardiac Defibrillator: A Systematic Review and Meta-Analysis
Wasawat Vutthikraivit, Saranapoom Klomjit, Pattara Rattanawong, Pakpoom Tantrachoti, Pavida Pachariyanon, Awapa Prombandankul, Possawat Vutthikraivit, Mohammad Ansari, Texas Tech University Health Sciences Center, Lubbock, TX, USA

Interventional Cardiology - Poster Contributions Session #1114

Interventional Cardiology: Coronary Interventions of Complex Lesions, Left Main Disease, BVS and Advanced Imagery

Saturday, March 10, 2018, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

256 - Resolute Integrity Zotarolimus-Eluting Stent Implantation For Unprotected Left Main Coronary Artery Stenosis: The PRECOMBAT-4 (Premier of Randomized Comparison of Bypass Surgery Versus Angioplasty Using Zotarolimus-Eluting Stent in Patients With Left Main Coronary Artery Disease) Trial
Do-Yoon Kang, Cheol Hyun Lee, Osung Kwon, Kyusup Lee, Pil Hyung Lee, Jung-Min Ahn, Duk-Woo Park, Soo-Jin Kang, Seung-Whan Lee, Young-Hak Kim, Cheol Whan Lee, Seong-Wook Park, Seung-Jung Park, Heart Institute, Asan Medical Center, Seoul, South Korea

257 - Comparison of Neointimal Characteristics Between Everolimus-Eluting Stent and Bare-Metal Stent at More Than 3 Years After Implantation

Hiroaki Ohya, Taishi Yonetsu, Yoshihisa Kanaji, Eisuke Usui, Masahiro Hoshino, Yohei Sumino, Masahiro Hada, Tadashi Fukuda, Rikuta Hamaya, Yoshinori Kanno, Tsunekazu Kakuta, Tsuchiura Kyodo General Hospital, Tsuchiura-City, Japan

258 - Comparative Effectiveness of Different Contemporary Drug-Eluting Stents in Routine Clinical Practice: Multigroup Propensity-Score Analysis Using Data From the Stent-Specific, Multi-Center, Prospective Registries

Duk-Woo Park, Osung Kwon, Se Hun Kang, Jung-Bok Lee, Jung-Min Ahn, Cheol Hyun Lee, Do-Yoon Kang, Pil Hyung Lee, Soo-Jin Kang, Young-Hak Kim, Cheol Whan Lee, Seong-Wook Park, Seung-Jung Park, Department of Cardiology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, South Korea

259 - Coronary Bifurcation Bench For Sequential Proximal Optimizing Technique Using Multimodality Imaging

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

260 - Use and Effectiveness of Manual Aspiration Thrombectomy During Primary Percutaneous Coronary Intervention For the Treatment of ST-Elevation Myocardial Infarction in the United States: An Analysis From the NCDR CathPCI Registry

Eric Alexander Secemsky, Sunil V. Rao, Ajay J. Kirtane, Hector Tamez Aguilar, David Cohen, Robert Yeh, Beth Israel Deaconess Medical Center, Boston, MA, USA, Massachusetts General Hospital, Boston, MA, USA

261 - MAUDE Dataset: Predictors and Outcomes of Bioresorbable Vascular Scaffolds

Abdulghani Saadi, Yazeid Alshebani, Geetanjali Dang, Jeff Murray, Raviteja Guddeti, Abhilash Akinapelli, Michael Del Core, Michael White, Creighton University School of Medicine, Omaha, NE, USA

263 - The Predictors of Filter-No Reflow During Percutaneous Coronary Intervention: Insight From Near-Infrared Spectroscopy With Intravascular Ultrasound

Takao Sato, Naomasa Suzuki, Yuji Taya, Syo Yuasa, Minoru Takahashi, Masaaki Okabe, Yoshifusa Aizawa, Tachikawa General Hospital, Nagaoka, Japan

264 - Impact of Intravascular Imaging Methods For Optimal Scaffold Implantation Reducing Thrombosis After Absorb Bvs in a Real World Setting: Identification of Factors Related to Stent Failure

Sergio Tarbine, Costantino Costantini, Costantino Costantini, Rafael Macedo, Marcelo de Freitas Santos, Daniel Zanuttini, Marco A. Denk, Hospital Cardiologico Costantini, Curitiba, Brazil

265 - Impact on MI Rate in Relation to Drug Eluting Stent Strut Thickness: A Meta-Analysis of Randomized Controlled Trials

Micaela Iantorno, Michael Lipinski, Kuku Kayode, Kyle Buchanan, M. Chadi Alraies, Deepakraj Gajanan, Rebecca Torguson, Hector



Garcia Garcia, Ron Waksman, MedStar Washington Hospital Center, Washington, DC, USA

266 - Impact of Stent Diameter on Outcomes Following Percutaneous Coronary Intervention With 2nd Generation Drug Eluting Stents: Results From a Large Single-Center Registry
Anna Plitt, Usman Baber, Jaya Chandrasekhar, Samantha Sartori, Pooja Vijay, Jason Kovacic, Joseph Sweeny, Nitin Barman, Pedro Moreno, Prakash Krishnan, Roxana Mehran, George Dangas, Annapoorna Subhash Kini, Samin K. Sharma, Mount Sinai Heart, New York, NY, USA

**Interventional Cardiology - Poster Contributions
Session #1115
Plaque Morphology and Intravascular Imaging
Saturday, March 10, 2018, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall A/B
CME Hours: /CNE Hours:**

267 - Reduction in Triglyceride Levels Associate With Rapid Regression of Coronary Atherosclerosis After an ACS
Jordan Andrews, Jelmer Jukema, Daisuke Shishikura, Satoshi Honda, Tracy Nguyen, Alex Janssen, Giuseppe DiGiovanni, Susan Kim, Constance Keyserling, Jean-Louis Dasseux, Stephen Nicholls, South Australian Health and Medical Research Institute, Adelaide, Australia

268 - Relationship Between Underlying Plaque Morphology Evaluated by Near-Infrared Spectroscopy and the Degree of Coronary Artery Stenosis: The COLOR Registry
Masaru Ishida, Giora Weisz, Myong Hwa Yamamoto, Mitsuki Matsumura, Aaron Crowley, Stephen Nicholls, Gregg Stone, Gary Mintz, James Muller, Akiko Maehara, Cardiovascular Research Foundation, New York, NY, USA

269 - Characteristics of Coronary Artery Aneurysms Caused by Atherosclerosis Versus Kawasaki Disease
Sherif Rizk Youssef Rizk, Wasseem Gobran, Karim Said, Hala Hamza, Jane Burns, John Gordon, Lori B. Daniels, Ryan Reeves, Galal El Said, Kasr El Aini, Faculty of Medicine, Cairo University, Cairo, Egypt, University of California in San Diego, San Diego, CA, USA

270 - Effect of Rosuvastatin and Eicosapentaenoic Acid on Neoatherosclerosis: The LINK-IT Trial
Koji Kuroda, Hiromasa Ohtake, Masakazu Shinohara, Masaru Kuroda, Shigeyasu Tsuda, Takayoshi Toba, Natsuko Tahara, Yuto Shinkura, Kenzo Uzu, Yoshinori Nagasawa, Yuichiro Nagano, Hiroyuki Yamamoto, Kenichi Yanaka, Yoshiro Tsukiyama, Akira Nagasawa, Ryuji Toh, Ishida Tatsuro, Toshiro Shinke, Ken-Ichi Hirata, Kobe University Graduate School of Medicine, Kobe, Japan

271 - Sex-Related Difference in the Regression of Coronary Atherosclerosis With the PCSK9 Inhibitor, Evolocumab: Insights From GLAGOV
Peta King, Rishi Puri, Christie Ballantyne, Leslie Cho, Danielle Brennan, Helina Kassahun, Ransi Somaratne, Scott Wasserman, Steven Nissen, Stephen Nicholls, South Australian Health and Medical Research Institute, Adelaide, Australia

272 - Clinical Effects of Low Speed Rotational Atherectomy on the Post-Interventional Microcirculation

Takayuki Ishihara, Osamu Iida, Mitsutoshi Asai, Masaharu Masuda, Shin Okamoto, Kiyonori Nanto, Takashi Kanda, Takuya Tsujimura, Shota Okuno, Yasuhiro Matsuda, Takuya Ohashi, Hiroyuki Kawai, Aki Tsuji, Yosuke Hata, Yuki Sato, Hiroyuki Uematsu, Toshiaki Mano, Kansai Rosai Hospital, Amagasaki, Japan

273 - Prevalence of Coronary Microvascular Dysfunction in Patients With Stable Coronary Artery Disease: The CE-MARC 2 Coronary Physiology Sub-Study
David Corcoran, Robin Young, David Adlam, Alex McConnachie, Kenneth Mangion, David Ripley, David Cairns, Julia Brown, Chiara Bucciarelli-Ducci, Rajesh Kharbanda, Keith Oldroyd, Gerry McCann, John Greenwood, Colin Berry, British Heart Foundation (BHF) Glasgow Cardiovascular Research Centre, University of Glasgow, Glasgow, United Kingdom

274 - Long-Term Prognosis of Patients With Irregular Protrusion After Second-Generation Drug-Eluting Stent Implantation: Optical Coherence Tomography Study
Yoshinori Sanuki, Shinjo Sonoda, Toshiya Miura, Akiyoshi Shimizu, Hironori Takami, Reo Anai, Yoshitaka Muraoka, Yuki Tsuda, Masaru Araki, Yutaka Otsuji, The Second Department of Internal Medicine, University of Occupational and Environmental Health, Kitakyusyu, Japan

275 - Population-Referenced Coronary Anatomy and Coronary Flow Reserve in Women With Evidence of Ischemia and No Obstructive Coronary Artery Disease: A Report From the Women's Ischemia Syndrome Evaluation
Christine Pacheco, Ahmed AlBadri, Janet Wei, R. David Anderson, John W. Petersen, Reddy Sailaja Marpuri, Galen Cook-Wiens, Carl J. Pepine, G. B. John Mancini, C. Noel Bairey Merz, Cedars-Sinai Heart Institute, Los Angeles, CA, USA

276 - *In Vivo*, *In Vitro* and *In Silico* Comparison of Two Devices to Measure Fractional Flow Reserve
Stephane Carlier, Julien Saussez, Alessandro Scalia, Kamil Chodzynski, Shunji Nishio, Kathleen Thayse, Philippe Brunner, Karim Zouaoui Boudjeltia, Gregory Coussement, UMONS, Mons, Belgium, CHU Ambroise Paré, Mons, Belgium

277 - Clinical Predictors of Culprit Lesion Lipid Quantified by Near Infrared Spectroscopy: Insights From the COLOR Registry
Akiko Fujino, Akiko Maehara, Myong Hwa Yamamoto, Mitsuki Matsumura, Jordan Andrews, Annapoorna Subhash Kini, Emmanouil Brilakis, David Gerard Rizik, Kendrick Shunk, Eric Powers, Priti Shah, Aaron Crowley, Gregg Stone, Gary Mintz, Stephen Nicholls, James Muller, Giora Weisz, Cardiovascular Research Foundation, New York, NY, USA

278 - Glagov-Pasterkamp Arterial Remodeling With Atheroprotective Phenomenon After Transient Scaffolding With First-Generation Polymeric Bioresorbable Scaffold
Alexander N. Kharlamov, De Haar Research Foundation, Rotterdam, The Netherlands

**Interventional Cardiology - Poster Contributions
Session #1116****Interventional Cardiology: Left Atrial Appendage, Mitral and Structural Heart Disease****Saturday, March 10, 2018, 9:30 a.m. - 12:30 p.m.****Poster Hall, Hall A/B****CME Hours: /CNE Hours:**

280 - Incidence, Etiology and Predictors of 30-Day Readmission Rates After Percutaneous Closure of Left Atrial Appendage: Analysis of the 2013-2014 Nationwide Readmission Database
Mohamed A. Omer, Abdelrahman Aly, Kevin Kennedy, Siva Sagar Taduru, Shehabaldin Alqalyoobi, Islam Elgendy, Ahmed N. Mahmoud, Jonathan Enriquez, Sanjaya Gupta, UMKC, Kansas City, MO, USA, Saint Luke's Hospital, Kansas City, MO, USA

281 - Left Atrial Appendage Angiography More Accurately Defines Appendage Depth Than Transesophageal Echocardiography
Matthew Glassy, Gaurav Sharma, Gagan Singh, Thomas Smith, Dali Fan, Jason H. Rogers, University of California, Davis, Sacramento, CA, USA

282 - Mitral Subvalvular Apparatus
Jakub Holda, Kamil Tyrak, Mateusz Holda, Agata Krawczyk-Ozog, Wieslawa Klimek-Piotrowska, Department of Anatomy, Jagiellonian University Medical College, Krakow, Poland

283 - Radiation Doses to Physicians Performing Transesophageal Echocardiography During Percutaneous Left Atrial Appendage Closure
Michael W. McNamara, Jeffrey Decker, Stacie Vanoosterhout, Abbey Mulder, Taylor Ten Brock, Duane Berkompas, Musa Dahu, Jessica Parker, Ryan Madder, Spectrum Health, Grand Rapids, MI, USA

284 - Echocardiographic Assessment of Left Ventricular Outflow Tract After Transcatheter Mitral Valve Replacement
Atsushi Hayashi, Jun Yoshida, Satoshi Yamaguchi, Takafumi Nagaura, Tetsuo Kamiyama, Florian Rader, Sabah Skaf, Moody Makar, Tarun Chakravarty, Saibal Kar, Raj Makkar, Robert Siegel, Takahiro Shiota, Cedars-Sinai Medical Center, Los Angeles, CA, USA

285 - National Trends and Outcomes of Percutaneous ASD/PFO Closure: A Report From the National Inpatient Sample
Reza Masoomi, Peter Tadros, Mark Wiley, Eric Hockstad, Matthew Earnest, Ashwani Mehta, Kamal Gupta, The University of Kansas Medical Center, Kansas City, KS, USA

286 - Rates of Anticoagulation Following Transcatheter Aortic Valve Replacement in Patients With Atrial Fibrillation
Sarah Gorgis, Elsheikh Abdelrahim, Dee Dee Wang, Janet Fredal Wyman, Gaetano Paone, Adam Greenbaum, Brad Kendall, William W. O'Neill, Marvin Eng, Henry Ford Hospital, Detroit, MI, USA, Wayne State University, Detroit, MI, USA

287 - Impact of the Commercial Introduction of Transcatheter Mitral Valve Repair on Mitral Surgical Practice
Hiroki Niikura, Robert Farivar, Liang Tang, Mario Goessl, Larissa Stanberry, Wesley Pedersen, Richard Bae, Kevin Harris, Paul Sorajja, Minneapolis Heart Institution Foundation at Abbott

Northwestern Hospital, Minneapolis, MN, USA, Division of Cardiology, Toho University Ohashi Medical Center, Tokyo, Japan

288 - A Low Profile Transseptal Fully Atrial Scaffold For Trans-Catheter Mitral Valve Replacement: A Feasibility Study
Vahid Tavakoli, American Bionic, Kansas City, MO, USA

289 - Percutaneous Left Atrial Appendage Occlusion in Patients With Persistent Left Atrial Thrombus: Single Center Experience
Christian Mahnkopf, Kai Kögler, Johannes Brachmann, Steffen Schnupp, Klinikum Coburg, Department of Cardiology, Coburg, Germany

290 - Safety and Efficacy of Percutaneous Mitral Valve-in-Valve and Mitral Valve-in-Ring Procedures: Systematic Review and Pooled Analysis of 30 Day and One Year Outcomes
Prasanna Sengodan, Yash Jobanputra, Kesavan Sankaramangalam, Ganesh Athappan, Wael Jaber, Jonathon White, Stephanie Mick, Jose Navia, Amar Krishnaswamy, E. Murat Tuzcu, Samir Kapadia, Cleveland Clinic Foundation, Cleveland, OH, USA

**Interventional Cardiology - Poster Contributions
Session #1117****Carotid and Endovascular Intervention****Saturday, March 10, 2018, 9:30 a.m. - 12:30 p.m.****Poster Hall, Hall A/B****CME Hours: /CNE Hours:**

299 - Transcatheter Aortic Valve Replacement Improves High Grade Mitral Regurgitation
Giorgio Medranda, Richard Schwartz, Kevin Marzo, Ramesh Daggubati, Srihari Naidu, Stephen Green, New York University Winthrop Hospital, Mineola, NY, USA

300 - Carotid Artery Endarterectomy Versus Carotid Artery Stenting For Restenosis After Carotid Artery Endarterectomy: A Systematic Review and Meta-Analysis
Anil Kumar Jonnalagadda, Pavlos Tekkalidis, Stefanos Giannopoulos, Damianos G. Kokkinidis, Ehrin J. Armstrong, Theofilos Machinis, Jabbour M. Pascal, MedStar Washington Hospital Center, Washington, DC, USA, Division of Cardiology, Denver VA Medical Center, University of Colorado, Denver, CO, USA

301 - Embolic Protection Use During Infrainguinal Interventions: Insights From the XLPAD Multicenter Registry
Nicolas W. Shammass, Avantika Banerjee, Mazen Abu-Fadel, Andrew Shammass, Houman Khalili, Emmanouil Brilakis, Midwest Cardiovascular Research Foundation, Davenport, IA, USA, VA Dallas Medical Center, Dallas, TX, USA

302 - Use of Drug-Eluting Stents Versus Standard Nitinol Stents After Drug-Coated Balloon Angioplasty of the Superficial Femoral Artery: Insights From the Multicenter Excellence in Peripheral Artery Disease (XLPAD) Registry
Omar Jawaad, Haekyung Jeon-Slaughter, Damianos Kokkinidis, Subhash Banerjee, Ehrin J. Armstrong, Denver VA Medical Center, Denver, CO, USA, North Texas VA Healthcare System, Dallas, TX, USA



303 - Thirty-Day Readmissions After Carotid Artery Stenting and Endarterectomy: Insights From the Nationwide Readmissions Database

Fabio V. Lima, Kevin Kennedy, Dhaval Kolte, J. Abbott, Peter Soukas, Herbert D. Aronow, Brown University - Rhode Island Hospital, Providence, RI, USA

304 - Description of Imaging Parameters to Assess Femoropopliteal Artery Stent Expansion With Intravascular Ultrasound

Bo Sun, Amutharani Baskar, Haekyung Jeon-Slaughter, Hao Xu, Hua Lu, Shirling Tsai, Bala Ramanan, Houman Khalili, Emmanouil S. Brilakis, Subhash Banerjee, Veterans Affairs North Texas System, Dallas, TX, USA, University of Texas Southwestern Medical Center, Dallas, TX, USA

Interventional Cardiology - Poster Contributions Session #1118

New Techniques and Indications For Coronary Angiography

Saturday, March 10, 2018, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

305 - Does the Geography Affect Outcomes of Routine Versus Selective Invasive Strategy in the Treatment of Unstable Angina and Non-ST Segment Myocardial Infarction: A Meta-Analysis

Chayakrit Krittanawong, Hafeez Ul Hassan Virk, Saurav Chatterjee, Zhen Wang, Jon George, Gregg Pressman, Sanjog Karla, Bing Yue, Xin Wei, Saranapoom Klomjit, Eyal Herzog, Vincent Figueredo, Angela Palazzo, Icahn School of Medicine at Mount Sinai, New York, NY, USA, Albert Einstein Healthcare Network, Philadelphia, PA, USA

306 - The Impact of Percutaneous Coronary Intervention Using the Novel Dynamic Coronary Roadmap System

Takayuki Yabe, Toshiya Muramatsu, Reiko Tsukahara, Masatsugu Nakano, Yukako Takimura, Hideyuki Takimura, Mami Kawano, Tasuku Hada, Tokyo General Hospital, Tokyo, Japan

307 - Intraoperative Graft Angiography as a Method of Anastomosis Quality Control Post Coronary Artery Bypass Grafting Procedure

Leo Bockeria, Manolis Pursanov, Karen Petrosian, M. Biniashvili, V. Shvartz, Cristina Sanina, Olga Bockeria, Bakoulev Scientific Center for Cardiovascular Surgery, Moscow, Russian Federation, Montefiore Medical Center, Bronx, NY, USA

Interventional Cardiology - Poster Contributions Session #1119

Left Main, Multivessel, Bifurcation Lesions: Impact of PCI Strategy on Clinical Outcomes

Saturday, March 10, 2018, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

308 - The Impact of Residual Ischemia on 3-Year Outcome in Elderly Patients With Multivessel Disease Who Underwent Percutaneous Coronary Intervention or Coronary Artery Bypass Grafting

Naoyuki Abe, Takashi Miura, Shinshu Ueda Medical Center, Ueda, Japan, Shinshu University School of Medicine, Matsumoto, Japan

309 - Predictors and Outcomes of Staged Versus One-Time Complete Revascularization in Patients With Multivessel Coronary Artery Disease: Insights From the Veterans Affairs (VA) Clinical Assessment, Reporting, and Tracking (CART) Program

Peter Hu, Schuyler Jones, Thomas Glorioso, Anna Baron, Gary Grunwald, Stephen Waldo, Thomas M. Maddox, Mladen Vidovich, Subhash Banerjee, Sunil V. Rao, Duke University, Durham, NC, USA, Cleveland Clinic, Cleveland, OH, USA

310 - Impact of Complete Revascularization on Hard Outcomes in Patients With ST-Elevation Myocardial Infarction: An Updated Comprehensive Meta-Analysis

Rahman Shah, Asra Butt, Beatrix Ramos Bondy, Riaz Ahmad, Mannu Nayyar, Abdul Rashid, UTHSC, Memphis, TN, USA

Interventional Cardiology - Moderated Poster Contributions Session #1136M

TAVR: Durability, Complications and Insights From the Pioneering Sites and Trials

Saturday, March 10, 2018, 10:00 a.m. - 12:00 p.m.

Interventional Cardiology Moderated Poster Theater, Poster Hall, Hall A/B

CME Hours: /CNE Hours:

ACC Poster Moderator: Colin M. Barker

ACC Poster Moderator: Christopher Meduri

10:00 a.m.

The Effect and Relationship of Age and Frailty on Survival in Patients Undergoing Transcatheter Aortic Valve Replacement
Soroosh Kiani, Amanda Stebbins, Vinod H. Thourani, Jessica Forcillo, Sreekanth Vemulapalli, Andrzej Kosinski, Vasilis C. Babaliaros, David Cohen, Susheel K. Kodali, Ajay Kirtane, James Bernard Hermiller, JR, James Stewart, Angela Lowenstern, Kreton Mavromatis, Michael J. Mack, Robert A. Guyton, Chandan Devireddy, Emory University, Atlanta, GA, USA

10:10 a.m.

Question and Answer

10:15 a.m.

Fifteen Years of Transcatheter Aortic Valve Implantation: A Prospective Analysis of a Pioneer Center - Long Term Survival and Valve Durability
Guillaume Avinee, Eric Durand, Christophe Tron, Anastasia Sokoloff, Thibaut Hemery, Pierre-Yves Litzler, G. Alain Cribier, Helene Eltchaninoff, Rouen University Hospital, Rouen, France, INSERM U1096, Rouen, France

10:25 a.m.

Question and Answer

10:30 a.m.

High Hospital Variability in Mortality After TAVR Can Be Explained by Differences in Failure to Rescue From Post Procedural Complications

Muath Bishawi, Zhuokai Li, Morgan Cox, Andrzej Kosinski, Frederick Grover, Kevin Harrison, Vinod H. Thourani, Ajay Kirtane, Joseph Bavaria, Sreekanth Vemulapalli, Chad Hughes, Duke University Medical Center, Durham, NC, USA



10:40 a.m.

Question and Answer

10:45 a.m.

Clinical Impact of New Left Bundle Branch Block in Intermediate Risk Patients Undergoing TAVR: An Analysis of the PARTNER II Trial and Registries

Tamim Nazif, Isaac George, Jose Dizon, Rebecca T. Hahn, Aaron Crowley, Vasilis C. Babaliaros, Howard Herrmann, David Brown, Raj Makkar, Richard Smalling, Samir Kapadia, John Webb, Martin B. Leon, Susheel K. Kodali, Columbia University Medical Center, New York, NY, USA

10:55 a.m.

Question and Answer

11:00 a.m.

Pacemaker Dependency Following Transcatheter Aortic Valve Implantation: A Subanalysis of the REPRISE III Randomized Controlled Clinical Trial

Dean Kereiakes, Christopher Meduri, Raj Makkar, Axel Linke, Vasilis C. Babaliaros, Robert Stoler, Gregory Mishkel, David Gerard Rizik, Vijay Iyer, John Schindler, Dominic Allocco, Ian Meredith, Michael Reardon, Ted Feldman, The Christ Hospital Heart and Vascular Center, Cincinnati, OH, USA, The Lindner Research Center, Cincinnati, OH, USA

11:10 a.m.

Question and Answer

11:15 a.m.

Clinical Outcomes at 5 Years Following Self-Expanding Transcatheter Aortic Valve Replacement in the CoreValve US Extreme Risk Pivotal Trial

George Petrossian, James Bernard Hermiller, JR, Steven J. Yakubov, Michael Reardon, G. Michael Deeb, David Adams, Jeffrey Popma, St. Francis Hospital, East Hills, NY, USA

11:25 a.m.

Question and Answer

11:30 a.m.

Transcatheter Versus Surgical Valve Replacement in Non-Elderly (Age Less Than 65): In-Hospital Outcomes From the National Inpatient Sample

Tomo Ando, Emmanuel Akintoye, Mohit Pahuja, Alexandros Briasoulis, Arshad Ali Javed, Hisato Takagi, Theodore Schreiber, Cindy Grines, Luis Afonso, Detroit Medical Center, Detroit, MI, USA

11:40 a.m.

Question and Answer

11:45 a.m.

Clinical Impact of Nutrition Status and Clinical Frailty Score After Tavr

Yohsuke Honda, Motoharu Araki, Shirai Shigemitsu, Kenji Makino, Takahiro Tokuda, Masakazu Tsutumi, Shinsuke Mori, Yasunari Sakamoto, Norihiro Kobayashi, Masahiro Yamawaki, Keisuke Hirano, Yoshiaki Ito, Saiseikai Yokohama-City Eastern Hospital, Yokohama, Japan

11:55 a.m.

Question and Answer

Interventional Cardiology - Live Cases

Session #201

Interventional Live Case Session I: Structural/Coronary Transmission From Henry Ford Hospital and the 49th Annual Louis F. Bishop Keynote

Saturday, March 10, 2018, 12:15 p.m. - 1:45 p.m.

Main Tent, Hall C

CME Hours: 1.5 /CNE Hours: 1.5

12:15 p.m.

Live Case Operator

William W. O'Neill

Detroit, MI

12:15 p.m.

Live Case Operator

Adam B. Greenbaum

Detroit, MI

Co-Chair: Roxana Mehran

Co-Chair: Duane S. Pinto

12:15 p.m.

Introduction of Bishop Keynote

Martin B. Leon

New York, NY

12:20 p.m.

49th Annual Louis F. Bishop Keynote: 40 Years of PCI and 15 Years of TAVR

Bernhard Meier

Bern, Switzerland

Panelist: Mirvat A. Alasnag

Panelist: Theodore A. Bass

Panelist: Martin B. Leon

Panelist: Bernhard Meier

Panelist: Jacqueline W. L. Saw

Panelist: Samin K. Sharma

Interventional Cardiology - Scientific

Session #614

The Many Frontiers of Endovascular Interventions! Practical Advice From the Experts

Saturday, March 10, 2018, 12:15 p.m. - 1:45 p.m.

Room 205 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Issam D. Moussa

Co-Chair: Stephen R. Ramee

Panelist: Tyrone J. Collins

Panelist: Jessie L. Dunne

Panelist: Issam D. Moussa

Panelist: Rahul Sakhuja

12:15 p.m.

Abdominal Aortic Aneurysms: Advice on Optimal EVAR and P-EVAR Cased Selection and Performance

Barry T. Katzen

Miami, FL



12:25 p.m.
Panel Discussion With Audience Question and Answer

12:30 p.m.
Starting Your Multidisciplinary Acute Stroke Program
D. Christopher Metzger
Kingsport, TN

12:40 p.m.
Panel Discussion With Audience Question and Answer

12:45 p.m.
Pulmonary Emboli: When and How to Use Catheter Based Therapies
Thomas Tu
Louisville, KY

12:55 p.m.
Panel Discussion With Audience Question and Answer

1:00 p.m.
Carotid Artery Stenting: 2018 Status, and Advice on Achieving Optimal Outcomes
Rahul Sakhuja
Weston, MA

1:10 p.m.
Panel Discussion With Audience Question and Answer

1:15 p.m.
Mesenteric and Renal Interventions: Tips and Tricks From a Seasoned Operator
J. Michael Bacharach
Sioux Falls, SD

1:25 p.m.
Panel Discussion With Audience Question and Answer

1:30 p.m.
Brachiocephalic Interventions: Tips and Tricks for Safety and Success
Gary S. Roubin
Jackson, WY

1:40 p.m.
Panel Discussion With Audience Question and Answer

Interventional Cardiology - Scientific Session #615
Hybrid Coronary Revascularization: Where Did It Go or Is It Here to Stay?
Saturday, March 10, 2018, 12:15 p.m. - 1:45 p.m.
Room 204 C
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Alexander Iribarne
Co-Chair: Robert N. Piana
Panelist: Margaret Morley
Panelist: Ada C. Stefanescu Schmidt
Panelist: Gregg W. Stone
Panelist: Michael E. Halkos

12:15 p.m.

Left Main Coronary Stenting: Review of Clinical Trials and Guidelines
Sripal Bangalore
New York, NY

12:25 p.m.
Left Main Disease- NOBLE, EXCEL, Now What?
Gregg W. Stone
New York, NY

12:35 p.m.
Point: The Evidence Base for Hybrid Coronary Revascularization... SHOW ME THE DATA!
Alexander Iribarne
Lebanon, NH

12:45 p.m.
Counter Point: The REBIRTH Is Here to Stay!
Syed Tanveer Rab
Duluth, GA

12:50 p.m.
Case Presentation: How to Plan a Successful Procedure With the Heart Team
David A. Fullerton
Aurora, CO

12:55 p.m.
Panel Discussion With Audience Question and Answer

1:10 p.m.
The HYBRID Trial: Design and Rationale
John D. Fisher
Bronx, NY

1:20 p.m.
Surgery or Stent First: Timing and Management of the Hybrid Approach... Let's Discuss the Merits
Robert N. Piana
Nashville, TN

1:30 p.m.
Panel Discussion With Audience Question and Answer

Interventional Cardiology - Scientific Session #616
Challenging Structural Cases by the Experts: Managing the Unexpected!
Saturday, March 10, 2018, 12:15 p.m. - 1:45 p.m.
Room 203 A
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: David H. Adams
Co-Chair: Matthew Aaron Cavender
Panelist: Anita W. Asgar
Panelist: Vasilis C. Babaliaros
Panelist: Christopher Meduri
Panelist: Michael Querijero

12:15 p.m.
Mitral Valve in Valve/MAC Procedure and Hypotension: Addressing Acute LVOT Obstruction



Mayra E. Guerrero
Evanston, IL

12:22 p.m.
Panel Discussion With Audience Question and Answer

12:30 p.m.
Hypotension During TAVR: Predicting and Managing Coronary Obstruction
John K. Forrest
Hamden, CT

12:37 p.m.
Panel Discussion With Audience Question and Answer

12:45 p.m.
Challenging Caval Access: Troubleshooting the Problem
Vasilis C. Babaliaros
Atlanta, GA

12:52 p.m.
Panel Discussion With Audience Question and Answer

1:00 p.m.
TAVR and Hemodynamic Instability: Impella as a Bailout Strategy
Guilherme Attizzani
Cleveland, OH

1:07 p.m.
Panel Discussion With Audience Question and Answer

1:15 p.m.
TAVR for Aortic Insufficiency in an LVAD Patient
Nimesh Desai
Philadelphia, PA

1:22 p.m.
Panel Discussion With Audience Question and Answer

1:30 p.m.
Valve in Valve TAVR: "Upsizing" Surgical Valves With Balloon Dilation
David J. Cohen
Kansas City, MO

1:37 p.m.
Panel Discussion With Audience Question and Answer

Interventional Cardiology - Scientific Session #617
Planning Through Imaging: Percutaneous Approaches to Mitral and Tricuspid Valve
Saturday, March 10, 2018, 12:15 p.m. - 1:45 p.m.
Room 202 C
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Charanjit S. Rihal
Co-Chair: Mark Russo
Panelist: Gilbert Hin-Lung Tang
Panelist: Viet T. Le
Panelist: Nicolo Piazza
Panelist: Chad Kliger

12:15 p.m.
Bioskills Workshop: Imaging the Mitral Valve and Description of Primary, Secondary, or Mixed MR
James D. Thomas
Chicago, IL

12:25 p.m.
Bioskills Workshop: Imaging Lesson on Tricuspid Valve Anatomy
Gilbert Hin-Lung Tang
New York, NY

12:35 p.m.
Bioskills Workshop: Role for Cardiac CT and MRI to Assess MR and TR Severity?
Angel Javier Sanz Salvo
New York, NY

12:45 p.m.
Bioskills Workshop: Skill Development and Case Planning, the Role of Simulators and 3D Printing
Mani A. Vannan
Atlanta, GA

12:55 p.m.
Panel Discussion With Audience Question and Answer

1:05 p.m.
Imaging the MV and TV During Transcatheter Interventions: Does Consistency Matter?
Stamatios Lerakis
Atlanta, GA

1:15 p.m.
Taped Case Session- Selection, Planning and Execution: Transcatheter TV intervention
Fabian Praz
Bern, Switzerland

1:25 p.m.
Future Imaging Platforms for TMVR Device Guidance
Mark Russo
Green Village, NJ

1:35 p.m.
Panel Discussion With Audience Question and Answer

Interventional Cardiology - Poster Contributions Session #1152
Interventional Cardiology: Advanced Coronary Stenting Techniques and New Technology
Saturday, March 10, 2018, 1:30 p.m. - 4:30 p.m.
Poster Hall, Hall A/B
CME Hours: /CNE Hours:

223 - Sex-Differences in the Safety and Efficacy of the Combo Bio-Engineered Stent: From the Mascot Post-Marketing Registry
Jaya Chandrasekhar, Antonio Colombo, Melissa Aquino, Birgit Vogel, Tiong Kiam Ong, Michael Kang Yin Lee, Andres Iniguez, Lauren Joyce, Kamilia Moalem, Clayton Snyder, Samantha Sartori, Usman Baber, Debbie Morrell, Francesca Elmore, Stephen Rowland, Roxana Mehran, Icahn School of Medicine at Mount Sinai, New York, NY, USA



224 - Comparison of Clinical Outcomes Between Magmaris (Dreams 2G) and Orsiro Drug Eluting Stents: Pooled Patient Level Analysis From Biosolve II-III and Bioflow II Trials
Alexandre Hideo-Kajita, Hector Garcia Garcia, Viana Azizi, Hüseyin Ince, Stephan Kische, Alexandre Abizaid, Ralph Töelg, Pedro Lemos, Nicolas Van Mieghem, Stefan Verheye, Clemens von Birgelen, Evald Christiansen, Willem Wijns, Thierry Lefèvre, Stephan Windecker, Ron Waksman, Michael Haude, on behalf of the BIOFLOW-II, BIOSOLVE-II and BIOSOLVE-III Investigators, MedStar Washington Hospital Center, Washington, DC, USA

225 - Acute and Short Term Performance of Magmaris Bioresorbable Scaffold Implantation in Complex Lesions: A Multicenter Experience
Francesco Tomassini, Enrico Cerrato, Giorgio Quadri, Alfonso Ielasi, Cristina Rolfo, Dario Buccheri, Caramanno Giuseppe, Massimo Leoncini, Fabio Ferrari, Francesco Granata, Gianluca Campo, Paolo Sganzerla, Claudio Rapetto, Biscaglia Simone, Nadia Garro, Giorgio Sacchetta, Chiara Bernelli, Enrico Geraci, Ferdinando Varbella, Infermi Hospital, Rivoli, Italy

226 - Prospective Real World Registry For the Use of Sirolimus Coated Balloon in Small Vessel De Novo Lesions
Keyur H. Parikh, Parth Parikh, Parloop Bhatt, Satya Gupta, Hemang Baxi, Urmil Shah, Tejas Patel, Milan Chag, Sameer Dani, Ranjan Shetty, Prathap Kumar, Jagdish Hiremath, Dinesh Shah, Manish Doshi, CIMS Hospital, Ahmedabad, India, Cleveland Clinic Foundation, Cleveland Clinic, India

227 - Real World Clinical Outcomes of Sirolimus Coated Balloon in Coronary Artery Lesions: Results From Single Centre Study
Keyur H. Parikh, Parth Parikh, Parloop Bhatt, Aenasha Chag, Hemang Baxi, Milan Chag, Urmil Shah, Satya Gupta, Anish Chandarana, Manish Doshi, CIMS Hospital, Ahmedabad, India, Cleveland Clinic Foundation, Cleveland, OH, USA

228 - A Comparison of the Ultrathin Orsiro Hybrid Sirolimus-Eluting Stent With Contemporary Drug-Eluting Stents: A Meta-Analysis of Randomized Controlled Trials
Brian J. Forrestal, Michael Lipinski, Micaela Iantorno, Rebecca Torguson, Ron Waksman, MedStar Heart and Vascular Institute, Washington, DC, USA

235 - Treatment of Drug-Coated Balloon Combined With Rotational Atherectomy Is Effective For the Dcb Failure In-Stent Restenosis Lesions
Hiroyuki Nagai, Atsunori Okamura, Katsuomi Iwakura, Kenshi Fujii, Sakurabashi-Watanabe Hospital, Osaka, Japan

236 - Contemporary Use of Laser During Percutaneous Coronary Intervention: Long-Term Results From the Laser Veterans Affairs (LAVA) Multicenter Registry
Judit Karacsonyi, Ehrin J. Armstrong, Huu Tam Truong, Jose R. Martinez-Parachini, Barbara Danek, Aris Karatasakis, Peter Tajti, Rahel Iwnetu, Michele Roesle, Houman Khalili, Ryan Tsuda, Damianos Kokkinidis, Imre Ungi, Subhash Banerjee, Emmanouil S. Brilakis, Bavana Rangan, VA North Texas Healthcare System and University of Texas Southwestern Medical Center, Dallas, TX, USA

237 - Magnitude of Improved Stent Expansion With Prolonged Stent Balloon Inflation: A Meta-Analysis
Marwan Saad, Mahesh Bavineni, Barry Uretsky, Srikanth Vallurupalli, Division of Cardiovascular Medicine, University of Arkansas for Medical Sciences, Little Rock, AR, USA, Central Arkansas Veterans Healthcare System, Little Rock, AR, USA

239 - Treatment of Coronary In-Stent Restenosis With Sirolimus Coated Balloon Catheter: Sub-Analysis Results From Nanolute Study
Sameer Dani, Life Care Institute of Medical Sciences & Research, Ahmedabad, India

240 - Sirolimus Coated Balloon For the Treatment of Coronary Artery Stenosis: Long Term Outcome From a Real World Experience
Sameer Dani, Life Care Institute of Medical Sciences & Research, Ahmedabad, India

241 - Long-Term Clinical Outcomes in First 1,010 Real-World Patients Treated With Novel Sirolimus-Eluting Stent With Unique Fusion Coating: Three-Year Results From the en-ABL e-Registry
Sameer Dani, Life Care Institute of Medical Sciences & Research, Ahmedabad, India

242 - Novel Sirolimus-Eluting Stent With Unique Fusion Coating For Treatment of Patients With Diabetes Mellitus
Sameer Dani, Life Care Institute of Medical Sciences & Research, Ahmedabad, India

Interventional Cardiology - Poster Contributions Session #1153

Complex Patients and Comorbidities: Renal Dysfunction and Dialysis

Saturday, March 10, 2018, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

229 - Postprocedural Decrease in Systolic Blood Pressure Is Associated With an Increased Risk of Contrast-Induced Nephropathy For Patients Undergoing Elective Percutaneous Coronary Intervention
Pengyuan Chen, Ning Tan, Yong Liu, Hualong Li, Guangdong Cardiovascular Institute, Guangzhou, People's Republic of China

230 - High Coronary Restenosis Rate With Peritoneal Dialysis Compared to Hemodialysis After Percutaneous Coronary Intervention in Patients With End-Stage Renal Disease
Yuko Yamamoto, Keisuke Yamamoto, Yoshitaka Isotani, Kazuyuki Uehara, Satoshi Hatsuse, Masataka Takizawa, Hiroki Uozumi, Hiroshi Ikenouchi, Japanese Red Cross Medical Center, Tokyo, Japan

231 - Bivalirudin Versus Heparin in Patients With Chronic Kidney Disease: Insights From Meta-Analysis of Randomized Trials
Chirag Bavishi, Vrinda Trivedi, Saurav Chatterjee, J. Abbott, Herbert D. Aronow, Gregg Stone, Sripal Bangalore, Mount Sinai St. Luke's & Roosevelt Hospitals, New York, NY, USA, NYU School of Medicine, New York, NY, USA

232 - Second-Generation Versus First-Generation Drug-Eluting Stents in Patients on Hemodialysis



Koji Nishida, Kenji Nakatsuma, Kazuya Kawai, Takeshi Morimoto, Takeshi Kimura, Chikamori Hospital, Kochi, Japan, Kyoto University, Kyoto, Japan

233 - Impact of Chronic Kidney Disease on Cardiovascular Events in Patients Undergoing Percutaneous Coronary Intervention With Everolimus-Eluting Stent: Risk Stratification With C-Reactive Protein

Kazuhiro Dan, Makoto Nakahama, Toru Miyoshi, Hiroshi Ito, Ichinomiyanishi Hospital, Ichinomiya, Japan, Fukuyama City Hospital, Fukuyama, Japan

234 - Diastolic Dysfunction: Strongest Independent Risk Factor For Contrast Induced Nephropathy in Patients Undergoing Coronary Angiography

Ravi Prasad Avati Naniundappa, Aashish Gupta, Fahad Javed, John Reilly, Ochsner Medical Center, New Orleans, LA, USA

Interventional Cardiology - Poster Contributions
Session #1154
Aortic Valve Disease: TAVR, Procedural Planning and Techniques
Saturday, March 10, 2018, 1:30 p.m. - 4:30 p.m.
Poster Hall, Hall A/B
CME Hours: /CNE Hours:

243 - MSCT-Guided Oversizing of Self-Expandable Transcatheter Aortic Valve Replacement: Impact on 3-Year Clinical Outcomes
 Maria Drakopoulou, Konstantinos Toutouzas, Konstantinos Stathogiannis, George Latsios, Andreas Synetos, George Oikonomou, Maria Xanthopoulou, Vasiliki Penesopoulou, George Trantalis, Odysseas Kaitozis, Eleftherios Tsiamis, Dimitris Tousoulis, Hippokraton General Hospital, Athens University, Athens, Greece

244 - Outcome of Transcatheter Aortic Valve Replacement Using Sapien3 in Patients With Extra Large Aortic Annulus
Masaki Miyasaka, Rahul Sharma, Jaideep Sandhu, Sung-Han Yoon, Takahiro Nomura, Tomoki Ochiai, Tanya Rami, Tarun Chakravarty, Mamoo Nakamura, Wen Cheng, Raj Makkar, Cedars Sinai Medical Center, Los Angeles, CA, USA

245 - Using 3D Printed Models For Planning Transcatheter Aortic Valve Implantation in Patients With Bicuspid Aortic Valve
 Alex Pui-Wai Lee, Chun Wing Martin Leong, Ka-Wai Kwok, Yiting Fan, The Chinese University of Hong Kong, Prince of Wales Hospital, Hong Kong, Hong Kong, The University of Hong Kong, Hong Kong, Hong Kong

246 - Extent of Alternate Access in the Contemporary Transcatheter Aortic Valve Replacement Era
 Ron Waksman, Toby Rogers, Jiaxiang Gai, Rebecca Torguson, Petros Okubagzi, Christian Shults, Itsik Ben-Dor, Lowell Satler, MedStar Washington Hospital Center, Washington, DC, USA

247 - Impact of Left Ventricular Outflow Tract (LVOT) Morphology and LVOT-Annular Mismatch on Paravalvular Leak and New Conduction Abnormalities After Transcatheter Aortic Valve Replacement: Concept of the "Non-Tubular Index" and LVOT Seal Zone

Gilbert Hin-Lung Tang, Syed Zaid, Samuel Schnittman, Hasan Ahmad, Ryan Kaple, Cenap Undemir, Tanya Dutta, Angelica Poneros, Joanne Bennett, Cheng Feng, Martin Cohen, Steven Lansman, Mount Sinai Health System, New York, NY, USA, Westchester Medical Center, Valhalla, NY, USA

248 - Does Valve Choice Matter? A Theoretical Model Comparing Prosthesis-Patient Mismatch Among Transcatheter Valves in Transcatheter Aortic Valve Replacement

Gilbert Hin-Lung Tang, Syed Zaid, Hasan Ahmad, Ryan Kaple, Jason Kovacic, Cenap Undemir, Asaad Khan, Martin Cohen, Steven Lansman, Samin K. Sharma, Annapoorna Subhash Kini, Mount Sinai Health System, New York, NY, USA, Westchester Medical Center, Valhalla, NY, USA

249 - Clinical Outcomes For Medtronic Evolut-R Versus Core Valve Transcatheter Aortic Valve Implantation

Abid Shah, Kristin Stawiariski, Sainath Gaddam, Maihemuti Axiyan, Robert Fishman, Edward Tuohy, Bridgeport Hospital Yale University School of Medicine, Bridgeport, CT, USA

252 - Optimal Positioning of Medtronic Core Valve Before Deployment Decreases Paravalvular Regurgitation Post Transcatheter Aortic Valve Replacement (TAVR)

Razvan Tudor Dadu, Jiaqiong Xu, Colin Barker, Mahesh Ramchandani, Hasan Rehman, Ross Reul, Michael Reardon, Neal Kleiman, Methodist Hospital, Houston, TX, USA

253 - The Role of Quantitative Aortographic Assessment of Aortic Regurgitation in the Guidance of Transcatheter Aortic Valve Implantation

Yosuke Miyazaki, Mohammad Abdelghani, Hiroki Tateishi, Rafael Cavalcante, Carlos Collet, Taku Asano, Yuki Katagiri, Erhan Tenekecioglu, Rogerio Sarmento-Leite, José Mangione, Alexandre Abizaid, Osama Soliman, Yoshinobu Onuma, Pedro Lemos, Fabio De Brito, Patrick Serruys, Erasmus Medical Center Rotterdam, Rotterdam, The Netherlands

254 - Aortic Valve Anatomy and Morphometry: Implications For Transcatheter Aortic Valve Replacement or Implantation
 Mateusz Holda, Jakub Holda, Kamil Tyrak, Wieslawa Klimek-Piotrowska, Department of Anatomy, Jagiellonian University Medical College, Cracow, Poland

255 - Clinical Feasibility of Non-Obstructive Aortic Angioscopy For Assessing Atherosclerotic Pathology of Human Aortic Valve in Vivo: A Novel Approach

Keisuke Kojima, Tadateru Takayama, Takafumi Hiro, Suguru Migita, Morikawa Tomoyuki, Takehiro Tamaki, Takashi Mineki, Takaaki Kogo, Yoshiaki Yamane, Naotaka Akutsu, Nobuhiro Murata, Toru Oshima, Mitsumasa Sudo, Daisuke Kitano, Daisuke Fukamachi, Hironori Haruta, Atsushi Hirayama, Nihon University School of Medicine, Tokyo, Japan

256 - New Ipsilateral Balloon Occlusion Technique For Percutaneous Closure After Transfemoral Aortic Valve Replacement and Comparison With Routine Crossover Balloon Occlusion Technique



Sunny Goel, Sabah Siddiqui, Chirag Agarwal, Elliot Borgen, Jacob Shani, Robert Frankel, Maimonides Medical Center, Brooklyn, NY, USA

257 - 1-Year Outcomes With the Evolut PRO Self-Expanding Repositionable Transcatheter Aortic Valve With Pericardial Wrap
Mathew Williams, Hongyan Qiao, John Forrest, New York University Langone Medical Center, New York, NY, USA

258 - Effects of Asymmetric Foreshortening of the Edwards SAPIEN 3 Valve on Immediate Performance
Ashkan Karimi, Behnam Keshavarz, Seyed Hossein Aalaei-Andabili, Calvin Choi, Ki Park, Wade Stinson, Eddie Manning, Anthony Bavry, University of Virginia, Charlottesville, VA, USA, North Florida and South Georgia Veterans Health System, Gainesville, FL, USA

259 - The Impact of Annulus Eccentricity and Over-Sizing Valve Deployment For Less Paravalvular Leakage After Transcatheter Aortic Valve Replacement
Mana Nakao, Kazuki Mizutani, Tsukasa Okai, Keiko Yoshida, Shinsuke Nishimura, Asahiro Ito, Shinichi Iwata, Yosuke Takahashi, Takashi Murakami, Toshihiko Shibata, Minoru Yoshiyama, Cardiovascular Medicine, Osaka City University Graduate School of Medicine, Osaka, Japan

260 - Can We Trust Aortic Valve Area *Fusion* as Gold Standard Method in Symptomatic Patients With Severe Aortic Stenosis?
Eirini Dri, Manolis Vavuranakis, Maria Kariori, Gerasimos Siasos, Konstantinos Kalogeras, Charalampos Kalantzis, Carmen-Maria Moldovan, Evangelia Bei, Angel Michail Kolokathis, Evangelos Oikonomou, Dimitrios Tousoulis, Hippokraton Hospital, Medical School, National & Kapodistrian University of Athens, Athens, Greece

261 - Is It Better to Have a Vascular Complication Than Perform Alternative Access? Results With a TF-First Strategy
Cesar S. Staniloae, Danielle N. Sin, Hanah E. Lee, Homam Ibrahim, Kazuhiro Hisamoto, Nicholas Amoroso, Hasan Jilaihawi, Mathew Williams, NYU, New York, NY, USA

262 - Temporal Trends in the Utilization of Mechanical Cardiac Support (MCS) in Transcatheter Aortic Valve Replacement (TAVR): A Nationwide Inpatient Sample Analysis
Nikhil Nalluri, Varunsiri Atti, Varun Kumar, Nileshkumar Patel, Deepak Asti, Sushruth Edla, Sainath Gaddam, Samer Saouma, Emad Barsoum, Boutros Karam, Jonathan Spagnola, Mohammad Zgheib, Roman Royzman, Gregory Maniatis, Frank Tamburrino, Ruben Kandov, James Lafferty, Chad Kliger, Hofstra Northwell School of Medicine at Staten Island University Hospital, New York, NY, USA, Hofstra Northwell School of Medicine at Lenox Hill Hospital Program, New York, NY, USA

263 - Temporal Change of Paravalvular Leak After Transcatheter Aortic Valve Replacement
Tsung-Yu Ko, Mao-Shin Lin, Hsien-Li Kao, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan, ROC

264 - Reduction in Radiation and Contrast Dose in Transcatheter Aortic Valve Replacement Over Time: A Single-Center Experience

Edwin Grajeda, Abdulah Alrifai, Mohamad Kabach, Jesus Pino, Fergie Ramos Tuarez, Swethika Sundaravel, Pradeep Dayanand, Eduardo Venegas, Lawrence Lovitz, Mark Rothenberg, Roberto Cubeddu, George Daniel, Eric Heller, Cristiano Faber, Robert Chait, Marcos Nores, University of Miami/JFK Medical Center, Atlantis, FL, USA

265 - The Association Between Contrast Dose and Renal Function in Transcatheter Aortic Valve Replacement
Fergie Ramos Tuarez, Abdulah Alrifai, Edwin Grajeda, Mohamad Kabach, Jesus Pino, Pradeep Dayanand, Swethika Sundaravel, Eduardo Venegas, Lawrence Lovitz, Mark Rothenberg, Cristiano Faber, Roberto Cubeddu, Marcos Nores, University of Miami School of Medicine, Miami, FL, USA, JFK Medical Center, Atlantis, FL, USA

266 - Learning Curves For Transcatheter Aortic Valve Replacement: Does It Change as Devices Improve?
Giorgio Medranda, Zack Williams, John Goncalves, Richard Schwartz, Kevin Marzo, Rose Calixte, Stephen Green, New York University Winthrop Hospital, Mineola, NY, USA

Interventional Cardiology - Poster Contributions Session #1155

Outcomes After Myocardial Infarction and Percutaneous Coronary Intervention

Saturday, March 10, 2018, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

267 - Daily Temperature Fluctuations and Myocardial Infarction: Implications of Global Warming on Cardiac Health
Hedvig Bille Andersson, Milan Seth, John Sly, Eric Bates, Hitinder Gurm, University of Michigan, Ann Arbor, MI, USA

268 - Temporal Trends and Differences in Clinical Outcomes After Acute Myocardial Infarction in Patients With Type 1 Versus Type 2 Diabetes Mellitus: A Cross Sectional Analysis From the National Inpatient Sample 2000-2010
Parasuram Krishnamoorthy, Akshaya Gopalakrishnan, Sarah Amanullah, Vincent Figueredo, Aman Amanullah, Albert Einstein Medical Center, Philadelphia, PA, USA

269 - Bleeding Events and Their Consequences on Cardiovascular Events, Readmission and Net Clinical Benefit
Philippe Steg, Deepak Bhatt, Stephen Ellis, Stefan Hohnloser, Eva Kleine, Matias Nordaby, Monika Simetzberger, Takeshi Kimura, Gregory Lip, Jonas Oldgren, Jurrien Ten Berg, Christopher Cannon, Hôpital Bichat, Assistance Publique and Hôpitaux de Paris, Paris, France

270 - Cardiac Tamponade Incidence, Demographics and In-Hospital Outcomes: Analysis of the National Inpatient Sample Database
Ahmed Al-Ogaili, Ali Ayoub, Setri Fugar, Ahmed Kolkailah, Luis Paz Rios, Harry Fuentes, John H. Stroger Hospital of Cook County, Chicago, IL, USA

272 - Thrombocytopenia in Patients With ST-Segment Elevation Myocardial Infarction Who Undergo Percutaneous Coronary Intervention: Insight From the Nationwide Readmission Database



Abel Casso Dominguez, Alejandro Lemor, Yasmin Herrera, Georges El Hayek, Chirag Bavishi, Ankit Chothani, Pedro Moreno, Mount Sinai St. Luke's, New York, NY, USA

274 - Comparison of Rates of Bleeding and Vascular Complications BeFore, During, and After Trial Enrollment in the SAFE-PCI Trial For Women

Jennifer Rymer, Lisa Kaltenbach, Ajar Kochar, Connie Hess, Mitchell Krucoff, Ian Gilchrist, John Messenger, Sanjit Jolly, Alice K. Jacobs, J. Abbott, Daniel Wojdyla, Sunil V. Rao, Duke University Medical Center, Durham, NC, USA

275 - Rates of Readmission Have Decreased For STE-ACS and NSTEMI-ACS Who Underwent PCI From 2010 to 2014

Alejandro Lemor, Gabriel Hernandez, Vanessa Blumer, Eduardo De Marchena, Carlos Alfonso, Mount Sinai St. Luke's Hospital, New York, NY, USA, Jackson Memorial Hospital/University of Miami, Miami, FL, USA

276 - Impact of the CMS Algorithm For Door-to-Balloon Time Public Reporting on Door-to-Balloon Time Performance

Chetan Huded, Kathleen Kravitz, Venu Menon, Travis Gullett, Scott Hantz, Stephen Ellis, Damon Kralovic, Seth Podolsky, Stephen Meldon, Deborah Brosovic, Elizabeth Smith, Samir Kapadia, Umesh Khot, Cleveland Clinic, Cleveland, OH, USA

277 - Percutaneous Coronary Intervention Rates in NSTEMI Cases and In-Hospital Outcomes in the United States During Years 2002-2014

Armaghan Y. Soomro, Saqib Abbasi, Tahir Khan, Muhammad Rehan Raza, Victoria Teslova, Ruben Kandov, Gregory Maniatis, James Lafferty, Cindy Grines, Hofstra Northwell School of Medicine-Northwell Health, Staten Island, NY, USA, Hofstra Northwell School of Medicine-Northwell Health, Manhasset, NY, USA

278 - Contemporary Outcomes of Pulmonary Artery Catheter Use in the Management of Cardiogenic Shock Due to Acute Myocardial Infarction

Le Dung Ha, Gbolahan Ogunbayo, Naoki Misumida, Suartcha Prueksaritanond, Karam Ayoub, Ahmed Abdul-Latif, Ayman Elbadawi, Odunayo Olorunfemi, Adrian Messerli, Maya Guglin, University of Kentucky, Lexington, KY, USA, Rochester General Hospital, Rochester, NY, USA

279 - Impact of Baseline Thrombocytopenia on In-Hospital Outcomes After Percutaneous Coronary Interventions: Analysis of Over 70,000 Patients

Karam Ayoub, Gbolahan Ogunbaya, Meera Marji, Bassam Ayoub, Ahmed Abdel-Latif, Khaled Ziada, Srikanth Vallurupalli, University of Kentucky, Lexington, KY, USA

280 - Prevalence and Predictors of Long-Term Target Vessel and Non-Target Vessel Myocardial Infarction After PCI: A Patient Level Analysis Integrating Data From 12 Clinical Trials

Yuqi Fan, Akiko Maehara, Yiran Zhang, Pieter Smits, Clemens von Birgelen, Martin B. Leon, Patrick Serruys, Ori Ben-Yehuda, Gary Mintz, Gregg Stone, Cardiovascular Research Foundation, New York, NY, USA

281 - Effect of the Absence of Statin Prescription Upon Discharge After a Coronary Artery Disease Event on Future Cardiovascular Hospital Resource Utilizations and Adverse Cardiovascular Events
Heidi Thomas May, Tami Bair, Jeffrey Anderson, Kirk Knowlton, Donald Lappe, Joseph B. Muhlestein, Intermountain Medical Center, Salt Lake City, UT, USA

282 - Clinical Impact of Direct Stenting and Interaction With Thrombus Aspiration in Patients With ST-Segment Elevation Myocardial Infarction Undergoing Percutaneous Coronary Intervention: *Thrombectomy Trialists Collaboration*

Karim D. Mahmoud, Sanjit Jolly, Stefan James, Vladimir Dzavik, John Cairns, Salim Yusuf, Goran Olivecrona, Henrik Renlund, Peggy Gao, Bo Lagerqvist, Ashraf Alazzoni, Sasko Kedev, Goran Stankovic, Brandi Meeks, Ole Frobert, Felix Zijlstra, Erasmus Medical Center, Rotterdam, The Netherlands, Sint Franciscus Gasthuis, Rotterdam, The Netherlands

283 - The Gap in Efficacy and Safety of Unfractionated Heparin and Bivalirudin Is Closing With Contemporary PCI Strategies For Myocardial Infarction: A Meta-Analysis of Randomized Controlled Trials

Sukhchain Singh, Varun Kumar, Daniela Kovacs, Sandeep Khosla, Rohit R. Arora, Rosalind Franklin University of Medicine and Science, North Chicago, IL, USA, Mount Sinai Medical Center, Chicago, IL, USA

284 - ST-Elevation Myocardial Infarction: How Accurate Are the Databases?

Christopher Brown, Joseph Ebinger, Joseph Abraham Kavian, Andrew Ajoku, David Lange, David Hildebrandt, Timothy D. Henry, Cedars-Sinai Medical Center, Los Angeles, CA, USA

285 - Validation of the AHA Mission Lifeline Pre-Act Algorithm to Reduce False Activation of the Cath Lab

David Lange, Stanley Conte, Effie Pappas-Block, David Hildebrandt, Mamoo Nakamura, Raj Makkar, Saibal Kar, Timothy D. Henry, Cedars-Sinai Medical Center, Los Angeles, CA, USA

286 - Prospective Assessment of the Mission: Lifeline PreAct-STEMI Algorithm to Reduce False Activation of the Cardiac Catheterization Laboratory

Kelsey L. Baran, David Lange, Andrew Ajoku, Joseph Abraham Kavian, David Hildebrandt, Michael C. Kontos, Mic Gunderson, William French, Timothy D. Henry, Cedars-Sinai Medical Center, Los Angeles, CA, USA

Interventional Cardiology - Poster Contributions Session #1156

What's New in Intracoronary Physiology?

Saturday, March 10, 2018, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

287 - Fractional Flow Reserve But Not Instantaneous Wave-Free Ratio Detects Plaque Vulnerability

Roel Driessen, Wijnand Stuijzand, Pieter Raijmakers, Ibrahim Danad, James K. Min, Jonathon Leipsic, Amir Ahmadi, Peter van de Ven, Albert van Rossum, Jagat Narula, Paul Knaapen, VU University Medical Center, Amsterdam, The Netherlands



288 - Prognostic Value of the Index of Microcirculatory Resistance After Percutaneous Coronary Intervention in Patients With Stable Coronary Artery Disease

Takeshi Nishi, Tadashi Murai, Giovanni Ciccarelli, Yuhei Kobayashi, Katsuhisa Waseda, Atsushi Hirohata, Tetsuya Amano, Emanuele Barbato, Tsunekazu Kakuta, William Fearon, Stanford University Medical Center, Stanford, CA, USA

289 - Controlled Coronary Flow Infusion Measures Myocardial Microvascular Resistance in Real Time During Experimental ST-Elevation Myocardial Infarction

Robert S. Schwartz, Jon Hoem, Oliver Bludau, Nikola Cesarovic, Mareika Gastl, Blathnaid Feldman, Martin Rothman, Minneapolis Heart Institute Foundation at Abbott Northwestern Hospital, Minneapolis, MN, USA

290 - Predictors of Abnormal Fractional Flow Reserve After Percutaneous Coronary Intervention

Tetsumin Lee, Gary Mintz, Mitsunori Matsumura, Masahiro Hoshino, Eisuke Usui, Yoshihisa Kanaji, Tadashi Murai, Taishi Yonetsu, Tsunekazu Kakuta, Akiko Maehara, Cardiovascular Research Foundation, New York, NY, USA

291 - Coronary Soluble Urokinase Plasminogen Activator Receptor Release Is a Biomarker of Endothelial-Dependent Microvascular Dysfunction

Michel Corban, Abhiram Prasad, Lisa Nesbitt, Darrell Loeffler, Lilach Lerman, Amir Lerman, Mayo Clinic, Rochester, MN, USA

292 - Impact of Hydrostatic Pressure on Fractional Flow Reserve: In Vivo Experimental Study Measuring Height Differences Within Swine Coronary Arteries

Suguru Nagamatsu, Kenji Sakamoto, Ryota Sato, Takayoshi Yamashita, Seiji Takashio, Yasuhiro Izumiya, Daisuke Utsunomiya, Kenichi Tsujita, Kumamoto University, Kumamoto, Japan

293 - Fractional Flow Reserve Guided Percutaneous Coronary Intervention in Patients With Acute Coronary Syndrome: A Meta-Analysis of Randomized Trials

Magdy Hanna, Khagendra Dahal, Hussam Watti, Neeraj Tandon, Enrique Jimenez, Division of Cardiology, Department of Medicine, Louisiana State University Health Sciences Center, Shreveport, LA, USA, Section of Cardiology, Overton Brooks Veteran Affairs Medical Center, Shreveport, LA, USA

294 - Functional Renal Denervation Decreases Renal Vascular Control Quantified by Pressure-Flow Monitoring in Swine

Peter Pellegrino, Alicia M. Schiller, Han-Jun Wang, Yiannis Chatzizisis, Irving Zucker, University of Nebraska Medical Center, Omaha, NE, USA

295 - Agreement of Fractional Flow Reserve and Instantaneous Wave-Free Ratio With Coronary Flow Capacity: A Sub-Analysis of the Iberian-Dutch-English (IDEAL) Study

Yuetsu Kikuta, Tim van de Hoef, Ricardo Petraco Da Cunha, Mauro Echavarria-Pinto, Gilbert Wijntjens, Yasutsugu Shiono, Sukhjinder Nijjer, Rasha Al-Lamee, Sayan Sen, Martijn Meuwissen, Hernan Mejia-Renteria, Ibrahim Danad, Paul Knaapen, Niels Van Royen, Javier Escaned, Justin Davies, Jan J. Piek, Imperial College London, London, United Kingdom

296 - Comparison Between Quantitative Flow Ratio and Fractional Flow Reserve in Intermediate Coronary Stenosis

Yu Sato, Tetsu Tanaka, Keita Koseki, Taishi Okuno, Hideki Koike, Kei Sato, Kazuyuki Yahagi, Jiro Aoki, Kengo Tanabe, Kota Komiyama, Mitsui Memorial Hospital, Tokyo, Japan

297 - Evaluation of Intracoronary Thrombus by Optical Coherence Tomography (OCT): Characterization, Quantification and Prognostic Impact in Patients With Non-ST-Elevation Acute Coronary Syndrome - A DOCTORS Substudy

Nicolas F. Meneveau, Mohamed-Chouaib Yahia, Nassim Braik, Benjamin Bonnet, Romain Chopard, Nicolas Amabile, Geraud Souteyrand, Patrick Ohlmann, Yoann Lefrançois, Johanne Silvain, Francois Schiele, University Hospital Jean Minjot, Besancon, France

298 - Sex Differences and Adenosine Free Coronary Pressure Indices: A CONTRAST Substudy

Sonia Shah, Frederik M. Zimmermann, Nils Johnson, Takeshi Nishi, Yuhei Kobayashi, Nils Witt, Colin Berry, Allen Jeremias, Bon-Kwon Koo, Giovanni Esposito, Gilles Rioufol, Seung-Jung Park, Keith Oldroyd, Emanuele Barbato, Nico Pijls, Bernard De Bruyne, William Fearon, Stanford University, Palo Alto, CA, USA

Interventional Cardiology - Poster Contributions Session #1157

Interventional Complications: Assessing Risk
Saturday, March 10, 2018, 1:30 p.m. - 4:30 p.m.
Poster Hall, Hall A/B

CME Hours: /CNE Hours:

299 - Influence of Operator Experience and PCI Volume on Transfemoral Access Techniques: A Collaboration of International Cardiovascular Societies

Daniel Nelson, Abdulla Damluji, Nish Patel, Marco Valgimigli, Stephan Windecker, Robert Byrne, Tejas Patel, Emmanouil Brilakis, Subhash Banerjee, Jorge Mayol, Warren Cantor, Carlos Alfonso, Sunil V. Rao, Mauro Moscucci, Mauricio Cohen, Medical College of Wisconsin, Milwaukee, WI, USA, University of Miami, Miami, FL, USA

300 - Recent Temporal Trends and Sex Differences in Bleeding Complications After Coronary Intervention: A Report From the Northern New England Cardiovascular Disease Study Group

Bina Ahmed, Thomas Ryan, Peter Ver Lee, James Flynn, Patrick Magnus, Harold Dauerman, Megan Coylewright, James Devries, Yi-Ling Huang, David Malenka, Northern New England Cardiovascular Disease Study Group, Dartmouth-Hitchcock Medical Center, Lebanon, NH, USA, Maine Medical Center, Portland, ME, USA

301 - Development, Validation and Implementation of a Novel Pre-Procedural Access Site Complication Risk Score That Impacts Physicians' Utilization of Arteriotomy Closure Device After Peripheral Vascular Intervention

Daniel Ortiz, Khawaja Afzal Ammar, Suhail Allaqaband, Tanvir Bajwa, Mark Mewissen, Aurora Cardiovascular Services, Aurora Sinai and Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

302 - Risk Evaluation For Vascular Complication Severity With Transfemoral Transcatheter Aortic Valve Replacement



Cody Hou, Sara Olson, John Lesser, Larissa Stanberry, Ross Garberich, David Caye, Paul Sorajja, Mario Gössl, Minneapolis Heart Institute Foundation, Minneapolis, MN, USA, Abbott Northwestern Hospital, Minneapolis, MN, USA

303 - Two-Fold Higher Odds of Coronary Artery Perforation in Females Undergoing Coronary Atherectomy: A National Inpatient Outlook

Rushik R. Bhuvu, Rupak Desai, Bhruvish Shah, Sandeep Singh, Manan Shah, Rajesh Sachdeva, Gautam Kumar, Emory University School of Medicine and Atlanta VA Medical Center, Atlanta, GA, USA, Canton Medical Education Foundation, Canton, OH, USA

304 - Incidence, Predictors, Characteristics, Management and Outcomes of Coronary Perforations

Arslan Shaukat, Yader Sandoval, Larissa Stanberry, Ross Garberich, Amy McMeans, M. Nicholas Burke, Ivan Chavez, Mario Gössl, Timothy Henry, Daniel Lips, Michael Mooney, Anil Poulose, Paul Sorajja, Jay Traverse, Yale Wang, Steven Bradley, Emmanouil Brilakis, Minneapolis Heart Institute, Minneapolis, MN, USA

Interventional Cardiology - Poster Contributions Session #1158

Angiographic Prediction of Clinical Outcomes

Saturday, March 10, 2018, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

305 - The Predictors of Very Late Restenosis After Second Generation DES Implantation

Takahiro Tokuda, Yoshiaki Ito, Hirano Keisuke, Masahiro Yamawaki, Motoharu Araki, Norihiro Kobayashi, Shinsuke Mori, Yasunari Sakamoto, Masakazu Tsutsumi, Kenji Makino, Saiseikai Yokohama City Eastern Hospital, Yokohama, Japan

306 - Trends and Predictors of Readmissions After First Percutaneous Coronary Intervention: A Statewide Database Analysis From 1995-2015

Aakash Garg, Davit Sargsyan, William J. Kostis, John B. Kostis, for the Myocardial Infarction Data Acquisition System Study Group, Cardiovascular Institute, Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ, USA

307 - Update of a Comparison of Radiation Dose Between Contemporary Fluoroscopy Systems Using an Anthropomorphic Phantom in the Cardiac Catheterization Laboratory

Jose Martinez Parachini, Judit Karacsonyi, Tayo Addo, Vasiliki Dimas, Michael Luna, Baviana Rangan, Peter Tajti, Ronald Layne, Donald Haagen, Houman Khalili, Subhash Banerjee, Emmanouil Brilakis, VA North Texas Healthcare System, Dallas, TX, USA, UT Southwestern Medical Center, Dallas, TX, USA

Interventional Cardiology - Poster Contributions Session #1159

Left Main, Multivessel, Bifurcation Lesions: Selection of Stent Types For Complex PCI

Saturday, March 10, 2018, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

308 - Comparative Effectiveness and Safety of Contemporary Drug-Eluting Stents For Left Main Coronary Artery Disease: A

Pooled Analysis of 3 Prospective, Multi-Center, Clinical-Practice Registries

Duk-Woo Park, Pil Hyung Lee, Osung Kwon, Jung-Min Ahn, Cheol Hyun Lee, Do-Yoon Kang, Jung-Bok Lee, Soo-Jin Kang, Seung-Whan Lee, Young-Hak Kim, Cheol Whan Lee, Seong-Wook Park, Seung-Jung Park, Department of Cardiology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, South Korea

309 - Drug-Eluting Versus Bare-Metal Stents in Saphenous Vein Graft Lesions: A Meta-Analysis of Randomized Controlled Trials

Abel Casso Dominguez, Yasmin Herrera, Yash Patel, Arpit Shah, Addi Suleiman, Jacqueline E. Tamis-Holland, Mount Sinai St. Luke's, New York, NY, USA

310 - Stentys Self Expandable Drug-Eluting Stent in the Treatment of Left Main Coronary Artery Stenosis in patients With Diabetes: One-Year Follow-Up of Multicentre Polish LM Stentys DES Registry LM-STENTYS Registry

Wojciech Wanh, Maksymilian Mielczarek, Grzegorz Smolka, Tomasz Roleder, Dariusz Cieciewicz, Milosz Jaguszewski, Brunon Tomasiewicz, Jaroslaw Gorol, Michał Chmielecki, Stanislaw Bartus, Tomasz Pawlowski, Michal Kasprzak, Adam Sukiennik, Jacek Kubica, Andrzej Lekston, Eliano Navarese, Michal Hawranek, Krzysztof Reczuch, Marcin Gruchala, Andrzej Ochala, Wojciech Wojakowski, Medical University of Silesia, Katowice, Poland

Interventional Cardiology - Live Cases Session #202

Interventional Live Case Session II: Coronary Transmission From Minneapolis Heart Institute

Saturday, March 10, 2018, 2:00 p.m. - 3:30 p.m.

Main Tent, Hall C

CME Hours: 1.5 /CNE Hours: 1.5

2:00 p.m.

Live Case Operator

Paul Sorajja

Minneapolis, MN

2:00 p.m.

Live Case Operator

Emmanouil S. Brilakis

Minneapolis, MN

2:00 p.m.

Co-Chair: Eberhard Grube

Co-Chair: William L. Lombardi

Panelist: Antonio Colombo

Panelist: Justin E. Davies

Panelist: Sammy Elmariah

Panelist: Kirk N. Garratt

Panelist: Steven P. Marso

Panelist: Binita Shah



Interventional Cardiology - Scientific Session #629

Quality Redefined: The Lab, the Data, and the Government and the James T. Dove Keynote

Saturday, March 10, 2018, 2:00 p.m. - 3:30 p.m.

Room 205 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: J. Dawn Abbott

Co-Chair: Ralph G. Brindis

Panelist: H. Vernon Anderson

Panelist: John E. Brush, JR

Panelist: Peter L. Duffy

Panelist: C. Michael Valentine

2:00 p.m.

Part One: The Lab

2:00 p.m.

The 5 "Gotta's" in Cath Lab Quality

Manesh R. Patel

Durham, NC

2:07 p.m.

The 5 "Notta's" in Cath Lab Quality

Charles E. Chambers

Hershey, PA

2:14 p.m.

Panel Discussion: Do We Finally Have It Figured Out or Are We
Just Getting Started?

2:21 p.m.

Part Two: The Data/Practice

2:21 p.m.

Volume Thresholds for Structural Heart Procedures: Truth and
Consequences

Dharam J. Kumbhani

Dallas, TX

2:28 p.m.

Visualizing and Achieving Quality: Real-Life Practical Steps to
Ensure Quality

Umesh Khot

Cleveland, OH

2:35 p.m.

Panel Discussion: If the Entire World Used the Same Report and
"Assured Quality the Same Way" the World Would Be a Better
Place

2:42 p.m.

Part Three: The Government

2:42 p.m.

MACRA: Friend or Foe for Interventional Cardiologists?

Karen E. Joynt Maddox

Brentwood, MO

2:49 p.m.

Mandatory Bundled Payments for a.m.I and PCI: The Wave of the
Future

Paul N. Casale

New York, NY

2:56 p.m.

Panel Discussion: Will MACRA and Bundling Ultimately Help or
Hurt Cardiologists and Their Patients?

3:05 p.m.

Introduction of Dove Keynote

C. Michael Valentine

Lynchburg, VA

3:10 p.m.

Dove Keynote: Is the Thinking Cardiologist Obsolete? Quality
Outcomes Through Better Reasoning

John E. Brush, JR

Norfolk, VA

Interventional Cardiology - Scientific

Session #630

Minimally Invasive Surgical and Transcatheter Technologies for MR: The Best Is Yet to Come!

Saturday, March 10, 2018, 2:00 p.m. - 3:30 p.m.

Room 204 C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: David H. Adams

Co-Chair: Martin B. Leon

Panelist: Saibal Kar

Panelist: Jason H. Rogers

Panelist: Naomi Teperow

Panelist: Vinod H. Thourani

2:00 p.m.

Surgical Annuloplasty for Functional MR: Case Demonstration and
Review of When, How and When Not?

Steven F. Bolling

Ann Arbor, MI

2:08 p.m.

Panel Discussion With Audience Question and Answer

2:13 p.m.

Surgical MV Replacement Should Be Standard of Care for All FMR
- Case Examples and Literature Review

Vinod H. Thourani

Washington, DC

2:21 p.m.

Panel Discussion With Audience Question and Answer

2:26 p.m.

Rationale for Percutaneous Anuloplasty - Cases and Evidence

Jason H. Rogers

Sacramento, CA

2:34 p.m.

Panel Discussion With Audience Question and Answer

2:39 p.m.



Edge to Edge Repair - Success More Than Expected Compared to Surgical Experience

Saibal Kar
Los Angeles, CA

2:47 p.m.

Panel Discussion With Audience Question and Answer

2:52 p.m.

Robotic MV Repair - Demonstration Case and Review of Literature
Didier Loulmet
New York, NY

3:00 p.m.

Panel Discussion With Audience Question and Answer

3:05 p.m.

Novel Minimally Invasive Mitral Surgeries - Cases and Rationale for Beating Heart Cord Replacement
David H. Adams
New York, NY

3:13 p.m.

Panel Discussion With Audience Question and Answer

3:18 p.m.

Transcatheter Mitral Valve Replacement Trials - Cases to Demonstrate Promise and Challenges
Martin B. Leon
New York, NY

3:25 p.m.

Panel Discussion With Audience Question and Answer

Interventional Cardiology - Scientific Session #631

Complex PCI Unlimited: Learn Through Cases With Experts
Saturday, March 10, 2018, 2:00 p.m. - 3:30 p.m.
Room 203 A
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Jeffrey W. Moses

Co-Chair: Dean J. Kereiakes

Panelist: James T. DeVries

Panelist: Prashant Kaul

Panelist: Elvin Kedhi

Panelist: William W. O'Neill

2:00 p.m.

Defining the Population: Who Is the CHIP Patient?
Habib Samady
Atlanta, GA

2:10 p.m.

Panel Discussion With Audience Question and Answer

2:20 p.m.

Left Main PCI: A Systematic Approach
Steven R. Bailey
San Antonio, TX

2:30 p.m.

Panel Discussion With Audience Question and Answer

2:40 p.m.

Case Presentation: CHIP Radial
Stéphane Rinfret
Montreal, Canada

2:45 p.m.

Panel Discussion With Audience Question and Answer

2:55 p.m.

Case Presentation: The Good, the Bad, the Ugly
Poonam Velagapudi
New York City, NY

3:00 p.m.

Panel Discussion With Audience Question and Answer

3:10 p.m.

Treating Coronary Complications With Case Examples
Samin K. Sharma
New York, NY

3:20 p.m.

Panel Discussion With Audience Question and Answer

Interventional Cardiology - Scientific Session #632

Make Structural Heart Great Again
Saturday, March 10, 2018, 2:00 p.m. - 3:30 p.m.
Room 202 C
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Kimberly Guibone

Co-Chair: Lauren Morris

Panelist: Ali Andalib

Panelist: Elizabeth Perpetua

Panelist: Yasser Sadek

Panelist: Jason Ciril Kovacic

2:00 p.m.

What's LVOT Got to Do With It? Planning for the Mitral Side
Mark Reisman
Seattle, WA

2:10 p.m.

Imaging the Left Atrial Appendage: CT vs TEE and Why
David Anthony Burke
Dublin, Ireland

2:20 p.m.

Cardiac 3D Printing - Not Just Sci-Fi Anymore
Feroze Mahmood
Boston, MA

2:30 p.m.

TAVR Mean Gradient 55 at 1 Year? Imaging to Evaluate for Leaflet Thrombus
Shing Fung Chui
Jordan, Hong Kong

2:40 p.m.

Alternate TAVR Access From Your Head to Your Caval.
(Transcarotid, Transcaval Approach)



Vasilis C. Babaliaros
Atlanta, GA

2:50 p.m.
What in the Tricuspid Is That? Transcatheter Tricuspid
Mario Goessl
Minnetonka, MN

3:00 p.m.
Case Presentation: Mickey Has a Complex Lesion... Protected PCI
Nicholas N. Hanna
La Jolla, CA

3:05 p.m.
Case Discussion: Mickey Has a Complex Lesion... Protected PCI

Hector Tamez
Boston, MA

3:15 p.m.
Panel Discussion With Audience Question and Answer

**Interventional Cardiology - Self-Assessment
Session #805**
**Test Your Knowledge: ABIM 2017-2018 Update in
Interventional Cardiology**
Saturday, March 10, 2018, 3:30 p.m. - 6:00 p.m.
Room 304 G
CME Hours: 2.5 /CNE Hours: 2.5

Chair: Anjan K. Sinha

3:30 p.m.
Faculty
Ali E. Denktas
Houston, TX

3:30 p.m.
Faculty
Mackram F. Eleid
Rochester, MN

3:30 p.m.
Faculty
Anthony A. Hilliard
Redlands, CA

**Interventional Cardiology - Moderated Poster
Contributions**
Session #1176M
Left Main and LAD: Hybrid, CTO or LIMA
Saturday, March 10, 2018, 3:45 p.m. - 4:30 p.m.
Interventional Cardiology Moderated Poster Theater,
Poster Hall, Hall A/B
CME Hours: /CNE Hours:

ACC Poster Moderator: Tsuyoshi Kaneko
ACC Poster Moderator: Hector Tamez

3:45 p.m.
Impact of Lesion Preparation Strategies on Outcomes of Left Main
PCI: The EXCEL Trial

Nirat Beohar, Shmuel Chen, Nicholas Lembo, Adrian Banning,
Patrick W. J. C. Serruys, Martin B. Leon, Marie Morice, Philippe
Genereux, David Kandzari, A. Kappetein, Joseph F. Sabik, Ovidiu
Dressler, Thomas McAndrew, Gregg Stone, Columbia University
Division of Cardiology at Mount Sinai Medical Center, Miami
Beach, FL, USA, Cardiovascular Research Foundation, New York,
NY, USA

3:55 p.m.
Question and Answer

4:00 p.m.
Percutaneous Coronary Intervention Versus Left Internal
Mammary Artery Robotic-Assisted Coronary Artery Bypass For
Left Anterior Descending Artery Chronic Total Occlusion
Farshad Forouzandeh, Eric Stahl, Sulay Patel, Yi-An Ko, Chao
Zhang, Dustin Staloch, Jon Suh, Suegene Lee, Nitin Sabharwal,
Zakaria Almuwaqqat, Bill Gogas, Wissam Jaber, Michael Halkos,
Habib Samady, Emory University, Atlanta, GA, USA

4:10 p.m.
Question and Answer

4:15 p.m.
Current Landscape of Hybrid Revascularizations: A Report From
the National Cardiovascular Data Registry
Angela Lowenstern, Jingjing Wu, Steven M. Bradley, Alexander C.
Fanaroff, Mani Daneshmand, James Tchong, Tracy Y. Wang, Duke
University Medical Center, Durham, NC, USA

4:25 p.m.
Question and Answer

Interventional Cardiology - Live Cases
Session #203
**Interventional Live Case Session III: Structural/Coronary
Transmission From Henry Ford Hospital**
Saturday, March 10, 2018, 4:45 p.m. - 6:00 p.m.
Main Tent, Hall C
CME Hours: 1.25 /CNE Hours: 1.25

4:45 p.m.
Live Case Operator
William W. O'Neill
Detroit, MI

4:45 p.m.
Live Case Operator
Adam B. Greenbaum
Detroit, MI

Co-Chair: Giora Weisz
Co-Chair: Prakash Balan
Panelist: Steven F. Bolling
Panelist: Mayra E. Guerrero
Panelist: Susheel K. Kodali
Panelist: Horst Sievert
Panelist: Molly Szerlip
Panelist: Vinod H. Thourani



Interventional Cardiology - Scientific Session #643

NCDR Cath PCI Registry for Reporting and Quality

Saturday, March 10, 2018, 4:45 p.m. - 6:00 p.m.

Room 205 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: J. Dawn Abbott

Co-Chair: Gregory J. Dehmer

Panelist: Neal S. Kleiman

Panelist: Michael A. Kutcher

Panelist: Frederic S. Resnic

Panelist: Janet Fredal Wyman

4:45 p.m.

Whose Responsibility Is It to Monitor Physician and Hospital Performance?

Ralph G. Brindis

San Francisco, CA

4:55 p.m.

Public Reporting Positively Impacts Patient Care

Frederic S. Resnic

Burlington, MA

5:00 p.m.

Public Reporting Negatively Impacts Patient Care

Duane S. Pinto

Boston, MA

5:05 p.m.

How I Use Cath PCI to Achieve High Quality in the Cath Lab

Jeptha P. Curtis

New Haven, CT

5:15 p.m.

NCDR Registries for Statewide Quality Initiatives

Hitinder Gurm

Ann Arbor, MI

5:25 p.m.

Quality and Reporting Curriculum for Fellows in Training

Henry Smith Jennings, III

Nashville, TN

5:35 p.m.

Integrating NCDR Data Into Clinical Trials

Sunil V. Rao

Durham, NC

4:45 p.m.

Panel Discussion With Audience Question and Answer

Interventional Cardiology - Scientific Session #644

Utilizing Invasive Physiology in Daily Practice: An Evidence-based Approach

Saturday, March 10, 2018, 4:45 p.m. - 6:00 p.m.

Room 204 C

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Subhash Banerjee

Co-Chair: William Fuller Fearon

Panelist: Ziad A Ali

Panelist: Gautam Kumar

Panelist: Margaret M Park

Panelist: Niels Van Royen

4:45 p.m.

Step by Step Standardized Physiology Measurement: What Affects Physiology Measurement and Why?

Allen Jeremias

Woodbury, NY

4:55 p.m.

Advanced Imaging and Physiology 2018- FFR and iFR in ACS/STEMI

Javier Escaned

Madrid, Spain

5:00 p.m.

Advanced Imaging and Physiology 2018- FFR and iFR in Stable

Patients: Data Review, When I Use Its

Arnold H. Seto

Long Beach, CA

5:05 p.m.

When Should to Consider CFR or IMR in Addition to FFR or iFR?

William Fuller Fearon

Stanford, CA

5:15 p.m.

Step by Step Stent Sizing and Optimization by OCT or IVUS

Ziad A Ali

New York, NY

5:25 p.m.

When and/or Which Imaging or Physiology Modality Should I Choose?

Akiko Maehara

New York, NY

5:35 p.m.

Future Direction of Physiology and Morphology

Justin E. Davies

London, United Kingdom

5:45 p.m.

Panel Discussion With Audience Question and Answer

Interventional Cardiology - Scientific Session #645

Left Atrial Appendage Closure for Stroke Prevention: Are the Data Convincing?

Saturday, March 10, 2018, 4:45 p.m. - 6:00 p.m.

Room 203 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Shephal K. Doshi

Co-Chair: Srinivas Dukkipati

Panelist: Mike Boyd

Panelist: Ratika Parkash

Panelist: Matthew J. Price

Panelist: Sheldon M.S. Singh

4:45 p.m.



Assessing Stroke and Bleeding Risk in Patients With Atrial Fibrillation

Ratika Parkash
Halifax, Canada

4:53 p.m.

Panel Discussion With Audience Question and Answer

4:57 p.m.

Anticoagulation Regimens After Watchman
Srinivas Dukkupati
New York, NY

5:05 p.m.

Panel Discussion With Audience Question and Answer

5:09 p.m.

Amulet LAA Occluder: Synthesis of the Data and Ongoing Trials
Ulf Landmesser
Berlin, Germany

5:17 p.m.

Panel Discussion With Audience Question and Answer

5:21 p.m.

Lariat LAA Ligation and AtriClip: Is There a Current Role for Stroke Prevention?
Steven J. Yakubov
Columbus, OH

5:29 p.m.

Panel Discussion With Audience Question and Answer

5:33 p.m.

NCDR LAAO Registry Update
Matthew J. Price
La Jolla, CA

5:41 p.m.

Panel Discussion With Audience Question and Answer

5:45 p.m.

Cost-Effectiveness of LAA Closure
Sheldon M.S. Singh
Toronto, Canada

5:53 p.m.

Panel Discussion With Audience Question and Answer

Interventional Cardiology - Scientific Session #646

Well I'm Not Sure We Should Do That... Controversies in Interventional Cardiology

Saturday, March 10, 2018, 4:45 p.m. - 6:00 p.m.
Room 202 C

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Kimberly Guibone
Co-Chair: Lauren Morris
Panelist: Philippe Genereux
Panelist: Feroze Mahmood
Panelist: Amit Segev
Panelist: Jeffrey J. Popma

4:45 p.m.

Patient Selection for Nurse Administrated Sedation for TAVR
Patricia Keegan
Atlanta, GA

4:55 p.m.

Mixed Valve Disease- Simultaneous Intervention
Amy E. Simone
Atlanta, GA

5:05 p.m.

Does Everyone Need a Cath for TAVR - CT Angio vs. Angio or Cath/No Cath
Mathew Williams
New York, NY

5:15 p.m.

Who Am I? Dementia, Frailty, and Patient Selection
Dae Hyun Kim
Boston, MA

5:25 p.m.

When Is Low Risk Too Low? Who Should Not Get TAVR
Paul Mahoney
Norfolk, VA

5:35 p.m.

Anticoagulation for LAAO - All or Nothing?
Peter Zimetbaum
Boston, MA

5:45 p.m.

Panel Discussion With Audience Question and Answer

Interventional Cardiology - Scientific Session #656

PFO Closure: State of the Data

Sunday, March 11, 2018, 8:00 a.m. - 9:30 a.m.

Room 203 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: John D. Carroll
Co-Chair: Lars Sondergaard
Panelist: Barry A. Love
Panelist: Sanjay Kaul
Panelist: Lisa Tindell
Panelist: Brian K. Whisenant

8:00 a.m.

Long-Term Results of the RESPECT Clinical Trial: Deep Dive
Richard W. Smalling
Houston, TX

8:10 a.m.

Panel Discussion With Audience Question and Answer

8:15 a.m.

Results of the REDUCE Trial: Deep Dive
Lars Sondergaard
Copenhagen, Denmark

8:25 a.m.



Panel Discussion With Audience Question and Answer

8:30 a.m.

Results of PFO Closure in the CLOSE Trial: Deep Dive
Brian K. Whisenant
Salt Lake City, UT

8:40 a.m.

Panel Discussion With Audience Question and Answer

8:45 a.m.

Synthesizing the Results of the RCTs of PFO Closure for Cryptogenic Stroke
Sanjay Kaul
Los Angeles, CA

8:55 a.m.

Panel Discussion With Audience Question and Answer

9:00 a.m.

Case Presentation: An Appropriate Patient for PFO Closure
Gagan Deep Singh
Sacramento, CA

9:05 a.m.

Cardiac Imaging Work up of PFO: TTE, TEE, and TCD
Thomas Smith
Sacramento, CA

9:10 a.m.

Panel Discussion With Audience Question and Answer

9:15 a.m.

When a "Stroke" Is Not a Stroke- An Inappropriate Case for PFO Closure
David Thaler
Boston, MA

9:25 a.m.

Panel Discussion With Audience Question and Answer

Interventional Cardiology - Scientific

Session #657

Left Atrial Appendage Closure: Challenging Cases and Complications

Sunday, March 11, 2018, 8:00 a.m. - 9:30 a.m.

Room 202 C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Jason H. Rogers

Co-Chair: Horst Sievert

Panelist: Matthew James Daniels

Panelist: Marvin Eng

Panelist: Saibal Kar

Panelist: Vivek Yerrapu Reddy

8:00 a.m.

Technical Approach to Closing a Chicken Wing LAA
Ashish Pershad
Phoenix, AZ

8:08 a.m.

Panel Discussion With Audience Question and Answer

8:13 a.m.

Interventional Management of a Residual Leak Post-LAA Closure
Srinivas Dukkupati
New York, NY

8:21 a.m.

Panel Discussion With Audience Question and Answer

8:26 a.m.

Pericardial Effusion and Tamponade After LAA Closure
Jason H. Rogers
Sacramento, CA

8:34 a.m.

Panel Discussion With Audience Question and Answer

8:39 a.m.

Management of an Embolized Device
Zaher Fanari
Springfield, IL

8:47 a.m.

Panel Discussion With Audience Question and Answer

8:52 a.m.

Cardiac Fistula After LAA Closure
Joseph R. Aragon
Santa Barbara, CA

9:00 a.m.

Panel Discussion With Audience Question and Answer

9:05 a.m.

Evaluation of the Posterior Shoulder After WATCHMAN Implantation: How Much Is Too Much?
Saibal Kar
Los Angeles, CA

9:13 a.m.

Panel Discussion With Audience Question and Answer

9:18 a.m.

LAA Closure in the Presence of Thrombus
Marvin H. Eng
Detroit, MI

9:26 a.m.

Panel Discussion With Audience Question and Answer

Interventional Cardiology - Oral Contributions

Session #903

Highlighted Original Research: Interventional Cardiology and the Year in Review

Sunday, March 11, 2018, 8:00 a.m. - 9:30 a.m.

Room 204 C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Stefan D. Anker

Co-Chair: David J. Cohen

8:00 a.m.

Year in Review Speaker



David J. Moliterno
Lexington, KY

8:12 a.m.

Cardiovascular Magnetic Resonance or Computed Tomography Angiography First Versus a Routine Invasive Strategy in High-Sensitive Troponin-Positive Suspected Non-ST-Elevation Myocardial Infarction: Randomized Controlled Trial
Martijn Smulders, Bas Kietelaer, Joachim Wildberger, Pieter Dagnelie, Hans-Peter Brunner-La Rocca, Alma Mingels, Yvonne van Cauteren, Ralph Theunissen, Mark Post, Simon Schalla, Sander van Kuijk, Marco Das, Raymond Kim, Harry Crijns, Sebastiaan Bekkers, Maastricht UMC+, Maastricht, The Netherlands

8:22 a.m.

Discussion

8:25 a.m.

Accuracy of Quantitative Flow Ratio Obtained From 3D Computational Quantitative Coronary Angiography in Comparison With Invasive Fractional Flow Reserve as a Reference
Yoshinori Kanno, Taishi Yonetsu, Yoshihisa Kanaji, Eisuke Usui, Masahiro Hoshino, Masahiro Hada, Yohei Sumino, Tadashi Fukuda, Rikuta Hamaya, Tsunekazu Kakuta, Tsuchiura Kyodo Hospital, Tsuchiura City, Japan

8:35 a.m.

Discussion

8:38 a.m.

Uptake and Utilization of Drug-Eluting Bioresorbable Vascular Scaffolds: A CathPCI Registry Study
Ajay J. Kirtane, Kevin Kennedy, John Messenger, Kirk Garratt, Thomas M. Maddox, Robert Yeh, Columbia University and New York-Presbyterian Hospital, New York, NY, USA

8:48 a.m.

Discussion

8:51 a.m.

Outcomes After Transthoracic, Peripheral Vascular and Transfemoral Transcatheter Aortic Valve Implantation: A Propensity Analysis From FRANCE TAVI Registry
Sylvain Beurthelet, Nicole Karam, Noemie Resseguier, Remi Houel, Olivier Com, Richard Gelisse, Jacques Bille, Patrick Joly, Nicolas Barra, Philippe Commeau, Sebastien Armero, Mathieu Pankert, Julien Seitz, Helene Eltchaninoff, Pascal Leprince, Herve Le Breton, Saint Joseph Hospital, Marseille, France

9:01 a.m.

Discussion

9:04 a.m.

Frailty and Cardiovascular Surgery, Deep Neural Network Versus Support Vector Machine to Predict Death
Rashmee Shah, Yijun Shao, Kristina Doing-Harris, Charlene Weir, Yan Cheng, Bruce Bray, Qing Zeng, George Washington University, Washington, DC, USA, University of Utah School of Medicine, Salt Lake City, UT, USA

9:14 a.m.

Discussion

9:17 a.m.

Trend, Etiologies and the Predictors of 90-Day Re-Admissions After the Use of Percutaneous Ventricular Assist Device (PVAD): A National Population-Based Cohort Study
Fnu Hafeez Hassan, Byomesh Tripathi, Sameer Ahmed, Saurav Chatterjee, Sandeep Dayanand, Chayakrit Krittanawong, Suchita Gupta, Shilpkumar Arora, Mohammad Nour Zabad, Parasuram Krishnamoorthi, Sanjog Karla, Gregg Pressman, Jon George, Aman Amanullah, Vincent Figueredo, Einstein Medical Center, Philadelphia, PA, USA

9:27 a.m.

Discussion

Interventional Cardiology - Poster Contributions Session #1194

Switching Antithrombotic Therapies and Genetic and Platelet Function Testing

Sunday, March 11, 2018, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

223 - Thirty Day Clinical Outcomes Following Implementation of CYP2C19 Genotype-Guided Dual Antiplatelet Therapy
Melissa Klein, Vindhya B. Sriramoju, Alexandra Cervantes, Nicholas Varunok, Shivanshu Madan, Karen Weck, Craig Lee, George Stouffer, University of North Carolina School of Medicine, Chapel Hill, NC, USA

224 - Outcomes of Switching P2Y12 Inhibitors in Patients Who Underwent Percutaneous Coronary Intervention: A Retrospective Cohort Study

Angel Yi Nam Fu, Dylan Perry-Nguyen, Uyen Tran, Trevor Simard, Michel Le May, Marino Labinaz, Alexander Dick, Chris Glover, Michael Froeschl, Benjamin Hibbert, Aun-Yeong Chong, Derek So, University of Ottawa Heart Institute, Ottawa, Canada

225 - The Impact of P2Y12 Inhibitors Switch in Patients With Acute Coronary Syndrome Treated With Drug-Eluting Stents Prior to Discharge

Ron Waksman, M. Chadi Alraies, Kyle Buchanan, Deepakraj Gajanana, Micaela Iantorno, Toby Rogers, Rebecca Torguson, Linzhi Xu, Itsik Ben-Dor, Lowell Satler, William Suddath, William S. Weintraub, MedStar Washington Hospital Center, Washington, DC, USA

226 - Clinical Outcomes Associated With De-Escalation From Ticagrelor to Clopidogrel in Patients With Acute Coronary Syndrome

Dominick Angiolillo, Roshan Shah, Dara Paek, Toby Sayre, Alicia Clausel, Shalini Girotra, Doctor Evidence, Santa Monica, CA, USA, Sanofi-Aventis, Singapore, Singapore

227 - Prevalence and Timing of De-Escalation Therapy From Ticagrelor to Clopidogrel in Acute Coronary Syndrome Patients: Results of a Meta-Analysis



Dominick Angiolillo, Dara Paek, Roshan Shah, Mir Fazeli, Shalini Girotra, Doctor Evidence, Santa Monica, CA, USA, Sanofi, Singapore, Singapore

228 - Pharmacodynamic Effects of Switching From Ticagrelor to Clopidogrel in Patients With Coronary Artery Disease: Results of the Prospective, Randomized SWAP (Switching Antiplatelet Therapy)-4 Study

Francesco Franchi, Fabiana Rollini, Jose Rivas, Andrea Rivas, Malhar Agarwal, Megha Kureti, Deepa Nagaraju, Mustafa Wali, Zuber Shaikh, Maryuri Maldonado, Latonya Been, Siva Suryadevara, Daniel Soffer, Martin Zenni, Theodore Bass, Dominick Angiolillo, University of Florida College of Medicine – Jacksonville, Jacksonville, FL, USA

229 - Bedside Testing of CYP2C19 Genotype to Guide Antiplatelet Therapy: Implementation in the Catheterization Laboratory
Paul A. Gurbel, Rachel Bell, Kevin Bliden, Shahram Yazdani, Hamid Taheri, Marjanek Akbari, Behnam Tehrani, Heather Russell, Ramaswamy Iyer, Udaya Tantry, Inova Heart and Vascular Institute, Falls Church, VA, USA

230 - Age and Outcomes Following Guided De-Escalation of Antiplatelet Treatment in Acute Coronary Syndrome Patients Undergoing Percutaneous Coronary Intervention: Results of a Randomized Multicentre Trial

Dirk Sibbing, Lisa Gross, Dietmar Trenk, Claudius Jacobshagen, Tobias Geisler, Martin Hadamitzky, Bela Merkely, Robert Kiss, András Komócsi, Radoslaw Parma, Tommaso Gori, Stephan Felix, Robert Schwinger, Franz-Josef Neumann, Joerg Hausleiter, Monika Baylacher, Lukasz Koltowski, Julinda Mehilli, Kurt Huber, Zenon Huczek, Daniel Aradi, Steffen Massberg, Department of Cardiology, LMU University Munich, Munich, Germany

231 - Genotype-Phenotype Association and Impact on Outcomes Following Guided De-Escalation of Antiplatelet Therapy in Acute Coronary Syndrome Patients

Tobias Geisler, Lisa Gross, Fabian Stimpfle, Anne Krieg, Martin Hadamitzky, Meinrad Gawaz, Steffen Massberg, Daniel Aradi, Claudius Jacobshagen, Dietmar Trenk, Dirk Sibbing, University Hospital Tuebingen, Tuebingen, Germany, LMU University Munich, Munich, Germany

232 - Novel CYP2C19 Genetic Variants Associated With Stent Thrombosis: A Next Generation Sequencing Study

Kashish Goel, Saurabh Baheti, Axel Åkerblom, Niclas Eriksson, Lars Wallentin, Shaun Goodman, Greg Jenkins, Suzette Bielinski, Veronique Roger, Charanjit Rihal, Naveen Pereira, Mayo Clinic, Rochester, MN, USA, Uppsala Clinical Research Center, Uppsala, Sweden

233 - Is It Safe to Switch OAC in Patients With Atrial Fibrillation Undergoing Percutaneous Coronary Intervention? Results From a RE-DUAL PCI Subanalysis

Jurrien Ten Berg, Anne de Veer, Jonas Oldgren, Philippe Steg, Dmitry Aleksandrovich Zateyshchikov, Petr Janský, Ki-Bae Seung, Stefan Hohnloser, Gregory Lip, Matias Nordaby, Eva Kleine, Deepak Bhatt, Christopher Cannon, St. Antonius Ziekenhuis, Nieuwegein, The Netherlands

234 - CYP2C19 Genotype Ethnic and Gender Distribution For a Treatment-Based Cohort Receiving Clopidogrel After PCI in the Upper Midwest

Maheedhar Gedela, Filip Oleszak, Shenjing Li, Udit Bhatnagar, Jeffrey Wilson, Chirag Desai, Paul Thompson, Russell Wilke, Adam Stys, Tomasz Stys, Sanford Cardiovascular Institute, Sioux Falls, SD, USA

Interventional Cardiology - Poster Contributions Session #1195

Complex Patients and Comorbidities: Chest Pain and Acute Coronary Syndromes

Sunday, March 11, 2018, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

235 - Treatment Bias and Outcomes of Patients With Human Immunodeficiency Virus Infection Admitted For Acute Myocardial Infarction

Gbolahan Ogunbayo, Le Dung Ha, Qamar Ahmad, Naoki Misumida, Ayman Elbadawi, Odunayo Olorunfemi, Suartcha Prueksaritanond, Patricia Santos, Adrian Messerli, University of Kentucky, Lexington, KY, USA, Rochester General Hospital, Rochester, NY, USA

236 - PCI in Patients on Long Term Anticoagulation Presenting With STEMI

Prashant Patel, Suneel Kumar, Steven Deutsch, Ashis Mukherjee, Prabhdeep Sethi, St. Bernardine Medical Center/UCR School of Medicine, San Bernardino, CA, USA

237 - Incidence, Patterns and Associations Between Dual Antiplatelet Therapy Cessation and Risk For Adverse Events in High-Risk Patients: Insights From the PARIS Registry

Sabato Sorrentino, Usman Baber, Gennaro Giustino, Samantha Sartori, Jaya Chandrasekhar, Clayton Snyder, Serdar Farhan, Birgit Vogel, Ge Zhen, Ariti Cono, C. Michael Gibson, Mitchell Krucoff, David J. Moliterno, Alaide Chieffo, Timothy Henry, Giora Weisz, Ioannis Iakovou, Antonio Colombo, Thomas Stuckey, Annapoorna Subhash Kini, Bernhard Witzensbichler, Philippe G. Steg, George Dangas, Stuart Pocock, Roxana Mehran, Mount Sinai, New York, NY, USA

238 - Contemporary Trends in the Utilization and Outcomes of Invasive Strategy in Elderly Patients Hospitalized With an NSTEMI: Analysis From the National Inpatient Sample (NIS)

Gursukhmandeep Sidhu, Samir Pancholy, The Wright Center for Graduate Medical Education, Scranton, PA, USA

239 - Ticagrelor Monotherapy in Aspirin-Allergic Patients Post-Coronary Stenting After Acute Coronary Syndrome: A Case Series

Grace Shu-Wen Chang, Syed Saqib Imran, Khang Leng Leow, Doreen Tan, Khoo Teck Puat Hospital, Singapore, Singapore

240 - Long-Term Outcomes of a Ranolazine Refractory Angina Registry: 3 Years Results

Ross Garberich, Jay Traverse, Theresa Arndt, Noel Bennett, Timothy Henry, Minneapolis Heart Institute Foundation at Abbott Northwestern Hospital, Minneapolis, MN, USA



241 - Spontaneous Coronary Artery Dissection: Gender Influence on Age of Onset, and Drivers For Revascularization Within the Alberta Provincial Project For Outcome Assessment in Coronary Heart Disease Registry
Ravi Ramlal, Umair Iftikhar, Ashim Verma, Lisa Bilston, Bryan Har, Jacqueline W. L. Saw, University of Calgary, Cumming School of Medicine, Calgary, Canada, Libin Cardiovascular Institute of Alberta, Calgary, Canada

242 - Percutaneous Ventricular Assist Device Versus Intra-Aortic Balloon Pump For Hemodynamic Support in Patients With Cardiogenic Shock: Insights From Nationwide Inpatient Sample
Elena Dolmatova, Kasra Moazzami, Pallavi Solanki, James Maher, Marc Klapholz, Alfonso Waller, Rutgers New Jersey Medical School, Newark, NJ, USA

Interventional Cardiology - Poster Contributions Session #1196

Aortic Valve Disease: Optimizing TAVR
Sunday, March 11, 2018, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall A/B
CME Hours: /CNE Hours:

243 - Effect of Aortic Valve Anatomy and Operator Experience in Transcatheter Aortic Valve Implantation Procedure Duration
Udit Bhatnagar, Julia Stys, Filip Oleszak, Maheedhar Gedela, Chirag Desai, Tomasz Stys, Adam Stys, University of South Dakota and Sanford School of Medicine, Sioux Falls, SD, USA

244 - Clinical Outcomes and Safety of Transcatheter Aortic Valve Replacement With and Without Routine Use of Transesophageal Echocardiography
Udit Bhatnagar, Terezia Petraskova, Maheedhar Gedela, Chirag Desai, Tomasz Stys, Adam Stys, University of South Dakota and Sanford School of Medicine, Sioux Falls, SD, USA

245 - 90-Day Cost and Clinical Outcomes Comparing TAVR to SAVR: Do the Economics Work?
April W. Simon, Aaron Kugelmass, Phillip Brown, Matthew Reynolds, David Cohen, Marc Katz, Steven Culler, Healthtrust, Nashville, TN, USA

246 - Reducing Cost of TAVR Program Through Applying Lean Processes
Zaher Fanari, Tim Zinselmeier, Jennifer Nicholson, Heil Kurt, Shailesh Nandish, John Gill, Nilesh Goswami, Jeffrey Goldstein, Gregory Mishkel, Prairie Heart Institute, Springfield, IL, USA, Heartland Cardiology and Wesley Medical Center, Wichita, KS, USA

247 - Routine Early Discharge After Transcatheter Aortic Valve Replacement: A Propensity Score Analysis From the PARTNER 2 SAPIEN 3 Study
Chandan M. Devireddy, Vasilis C. Babaliaros, Robert A. Guyton, James Stewart, Yangbo Liu, Raj Makkar, Michael J. Mack, Brian Whisenant, Stephen Ramee, Paul Teirstein, Thomas McAndrew, Aaron Crowley, Susheel K. Kodali, Suzanne Baron, David Cohen, Martin B. Leon, Vinod H. Thourani, Emory University, Atlanta, GA, USA

248 - Substantial Improvement in Quality of Life After Transcatheter Aortic Valve Replacement: Single Center Experience
Jose Benuzillo, Donald Lappe, Kent Jones, Lynn Harris, Colleen Roberts, Edward Miner, Brian Whisenant, Intermountain Healthcare, Salt Lake City, UT, USA

249 - Predictors of Non-Home Discharge After Transcatheter Aortic Valve Replacement: A Single Center's Experience
Alexis Okoh, Dhaval Chauhan, Christopher Pettit, Ahmed Javed, Bruce Haik, Marc Cohen, Chunguang Chen, Mark Russo, RWJBarnabas Health/Newark Beth Israel Medical Center, Newark, NJ, USA

250 - Comparison of Monitored Anesthesia Care and General Anesthesia For Transcatheter Aortic Valve Replacement (TAVR)
Olga Kisilitsina, Danielle Smith, Duc Pham, Andrei Churyla, Mark Ricciardi, Ranya Sweis, Charles Davidson, James Flaherty, Jane Kruse, Patrick McCarthy, S. Chris Malaisrie, Northwestern University Feinberg School of Medicine, Chicago, IL, USA

251 - Implementation of a Post-Transcatheter Valve Replacement (TAVR) Fast-Track Care Protocol With a Focus on Next-Day Discharge
Benjamin Zev Galper, John Golden, John Rhee, John Garrett, Robyn Mosely, Virginia Seay, Ameya Kulkarni, Mid-Atlantic Permanente Medical Group, Mclean, VA, USA, Virginia Hospital Center, Arlington, VA, USA

252 - Implementation of the First Reported Routine One-Day Transcatheter Aortic Valve Replacement (TAVR) Patient Evaluation
Benjamin Zev Galper, Ameya Kulkarni, John Rhee, Sudip Saha, John Garrett, Robyn Moseley, Virginia Seay, John Golden, Mid-Atlantic Permanente Medical Group, Mclean, VA, USA, Virginia Hospital Center, Arlington, VA, USA

253 - "Keeping Them Awake Does It Matter?" Predictors of Prolonged Length of Stay Following Transcatheter Aortic Valve Replacement
Upamanyu Rampal, Rahul Vasudev, Hiten Patel, Salvatore M. Zisa, Habib Habib, Namrata Paul, Hartaj Virk, Mahesh Bikkina, Faye Shamoon, Saint Joseph Regional Medical Center, Paterson, NJ, USA

254 - Clinical Impact of In-Hospital Conduction Blocks in Patients Undergoing Trans-Catheter Aortic Valve Replacement: Analysis From Nationwide Inpatient Sample Database (NIS)
Mohit Pahuja, Kinsuk Chauhan, Manmohan Singh, Achint Patel, Tomo Ando, Tushar Mishra, Luis Afonso, Detroit Medical Center/Wayne State University, Detroit, MI, USA

Interventional Cardiology - Poster Contributions Session #1197

Endovascular Intervention and Renal Denervation
Sunday, March 11, 2018, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall A/B
CME Hours: /CNE Hours:

255 - Pace-Capture of Aorticorenal Ganglia May Enable Physiological Testing of Renal Sympathetic Efferent Nerves



Pierre Cheng Qian, Michael Barry, Jim Pouliopoulos, Juntang Lu, Aravinda Thiagalingam, Stuart Thomas, Department of Cardiology, Westmead Hospital, Sydney, Australia, University of Sydney, Sydney, Australia

256 - Transcatheter Microwave Ablation Can Produce Deep Circumferential Perivascular Ablation and Effective Renal Denervation Without Significant Arterial Injury

Pierre Cheng Qian, Michael Barry, Juntang Lu, Ashraf Mina, Joshua Ryan, Sushil Bhandokar, Shirley Alvarez, Virginia James, John Ronquillo, Winny Varikatt, Zoe Clayton, James Chong, Sara Al Raisi, Pramesh Koor, Jim Pouliopoulos, Alistair McEwan, Aravinda Thiagalingam, Stuart Thomas, Department of Cardiology, Westmead Hospital, Sydney, Australia, University of Sydney, Sydney, Australia

257 - The Histological Grade of Thermal Renal Nerve Injury Is Influenced by Proximity to Heating and Cooling Sources

Pierre Cheng Qian, Michael Barry, Juntang Lu, Alistair McEwan, Aravinda Thiagalingam, Stuart Thomas, Cardiology Department, Westmead Hospital, Sydney, Australia, University of Sydney, Sydney, Australia

258 - Endovascular Closure of Pulmonary Arteriovenous Malformations Presenting With Cryptogenic Stroke: A 15-Year Single Center Retrospective Cohort Analysis

Geoffrey Allan Rubin, Robert Sommer, Columbia University Medical Center, New York, NY, USA

259 - Biomechanics and Drug Elution in Arterial Response to Peripheral Stents: An OCT Comparative Study of 3 Contemporary Stents in Balloon-Predilated Femoral Arteries of Familial Hypercholesterolemic Swine

Yanping Cheng, Jennifer McGregor, Gerard Conditt, Miguel Montero-Baker, Greg Kaluza, Juan Granada, CRF Skirball Center for Innovation, Orangeburg, NY, USA

260 - Effect of Renal Denervation on Cardiac Function in Ischemia-Reperfusion Model in Swines

Bin Zhang, Zhe He, Yongjian Wu, Fuwai Hospital, Beijing, People's Republic of China, National Center for Cardiovascular Diseases, Beijing, People's Republic of China

261 - Baseline Nutritional Status Predicts Long-Term Amputation-Free Survival in Patients Undergoing Endovascular Therapy

Keiko Mizobuchi, Kentaro Jujo, Yuichiro Minami, Issei Ishida, Shintaro Haruki, Hiromu Kadowaki, Kazuki Tanaka, Madoka Akashi, Motoko Kametani, Masashi Nakao, Jyunichi Yamaguchi, Nobuhisa Hagiwara, Tokyo Women's Medical University, Tokyo, Japan

262 - Agitation in Acute Stanford Type B Aortic Dissection Patients: An Overlooked Indicator of Mortality and Adverse Prognosis

Yingcong Liang, Jianfang Luo, Ruixin Fan, Yuan Liu, Wenhui Huang, Huanyu Ding, Songyuan Luo, Fan Yang, Yi Zhu, Guangdong General Hospital, Guangzhou, People's Republic of China

263 - Percutaneous Closure of Patent Foramen Ovale or Medical Therapy For Stroke Prevention: A Meta-Analysis of Randomized Trials

Khagendra Dahal, Adil Yousuf, Magdy Hanna, Sharan Sharma, Jharendra Rijal, Hussam Watt, Nelson Telles Garcia, Augustine Njoku, Juyong Lee, Pavan Katikaneni, Enrique Jimenez, Kalgi Modi, Neeraj Tandon, LSUHSC, Shreveport, LA, USA

264 - In-Hospital Outcome of Peripheral Endovascular Interventions in Diabetic Patients: A Nationwide Analysis Using the National Inpatient Database of 2012-2014

Ahmadreza Moradi, Xin Wei, Shuyang Fang, Eyal Herzog, Icahn School of Medicine at Mount Sinai, New York, NY, USA

265 - Closed-Loop Baroreflex Neuromodulation Markedly Augments Volume Tolerance and Instantly Resolves Pulmonary Congestion in Acute Heart Failure

Takeshi Tohyama, Kazuya Hosokawa, Keita Saku, Kenji Sunagawa, Hiroyuki Tsutsui, Kyushu University, Fukuoka, Japan

266 - Are There Gender Differences in 5-Year Clinical Outcomes Following Successful Endovascular Revascularization For Peripheral Arterial Disease

Seung-Woon Rha, Byoung Geol Choi, Se Yeon Choi, Jae Kyeong Byun, Ahmed Mashaly, Yoonjee Park, Won Young Jang, WooHyeun Kim, Eun Jin Park, Ja Yeon Choi, Jin Oh Na, Cheol Ung Choi, Hong Euy Lim, Eung Ju Kim, Chang Gyu Park, Hong-Seog Seo, Dong Joo Oh, Korea University Guro Hospital, Seoul, South Korea, New Korea Hospital, Gimpo, South Korea

Interventional Cardiology - Poster Contributions Session #1198

Effect of Coronary Risk Factors on Plaque Vulnerability and Coronary Physiology

Sunday, March 11, 2018, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

267 - Impact of Neointimal Tissue Characteristics on Development Process of Very Late In-Stent Restenosis After Drug-Eluting Stent: A Four Serial Coronary Angiograms Study

Kenichi Fujii, Satoru Otsuji, Shin Takiuchi, Wataru Yamamoto, Kasumi Ishibuchi, Hiroto Tamaru, Katsuyuki Hasegawa, Rui Ishii, Sho Nakabayashi, Motoaki Ibuki, Shinya Nagayama, Yorihiro Higashino, Higashi Takarazuka Satoh Hospital, Takarazuka, Japan

268 - Effects of Xanthine Oxidase Inhibitors on Progression of Left Anterior Descending Artery Atheroma Burden

Jordan Gunn, Atta Behfar, Vasken Keleshian, Mayo Clinic, Rochester, MN, USA

269 - Features of Neointimal Morphology Observed by Optical Coherence Tomography Beyond 3 Years After Everolimus Eluting Stent Implantation

Taishi Yonetsu, Rikuta Hamaya, Hiroaki Ohya, Yohei Sumino, Tadashi Fukuda, Masahiro Hada, Eisuke Usui, Masahiro Hoshino, Yoshihisa Kanaji, Tsunekazu Kakuta, Tsuchiura Kyodo General Hospital, Tsuchiura, Japan

270 - Clinical Outcomes of Fractional Flow Reserve (FFR) Based Performance or Deferral of Revascularization in Acute Coronary Syndrome (ACS) Patients

Hussain Ibrahim, Fawad Virk, Wasir Zaidi, Mohamed Faher Almahmoud, Muhammad Choudhry, Adnan Khan, Wissam Khalife,



Syed Gilani, University of Texas Medical Branch, Galveston, TX, USA

271 - Coronary Plasminogen Activator Inhibitor-1 Release Is Associated With Endothelial Dysfunction
Michel Corban, Abhiram Prasad, Lisa Nesbitt, Darrell Loeffler, Lilach Lerman, Amir Lerman, Mayo Clinic, Rochester, MN, USA

272 - Angiographic Predictors of Lipid Rich Plaque Detected by Near-Infrared Spectroscopy: The COLOR Registry
Mitsuaki Matsumura, Giora Weisz, Myong-Hwa Yamamoto, Jordan Andrews, Annapoorna Subhash Kini, Emmanouil Brilakis, David Gerard Rizik, Simon Dixon, Nabil Dib, Priti Shah, Aaron Crowley, Stephen Nicholls, Gregg Stone, Gary Mintz, James Muller, Akiko Maehara, Cardiovascular Research Foundation, New York, NY, USA

273 - Effect of Statin Therapy on Fibrous Cap Thickness in Coronary Plaque Using Optical Coherence Tomography: Insights From a Meta-Analysis
Hector Manuel Garcia Garcia, Yuichi Ozaki, Solomon S. Beyene, Alexandre Kajita, Viana Azizi, Ron Waksman, MedStar Washington Hospital Center, Washington, DC, USA

274 - Impaired HDL Cholesterol Uptake Capacity Which Measure HDL Functionality Might Promote Neoatherosclerosis Formation After Stent implantation
Yuichiro Nagano, Hiromasa Otake, Amane Harada, Katsuhiro Murakami, Toshihiko Oshita, Yasuhiro Irino, Takayoshi Toba, Koji Kuroda, Natsuko Tahara, Yuto Shinkura, Yoshiro Tsukiyama, Kenichi Yanaka, Hiroyuki Yamamoto, Akira Nagasawa, Hiroyuki Onishi, Youichirou Sugizaki, Ryo Takeshige, Hiroyuki Kawamori, Toshiro Shinke, Tatsuro Ishida, Ryuji Toh, Ken-Ichi Hirata, Kobe University Graduate School of Medicine, Kobe, Japan

275 - Impact of Aortic Pulsatility Ratio and Double Product on Indices of Functional Coronary Stenosis Severity in Patients Undergoing Coronary Intervention
Azra Mahmud, Elenezi Amirah, Mohammad Balghith, Kamal Ayub, Basil T. Saeed, Dikra Al Dobai, Majed Alshammari, Bandar Al Haddadi, Ali Alghamdi, King Abdul Aziz Medical City, National Guard Health Affairs, Riyadh, Saudi Arabia

276 - A Tertiary Centre Experience on Ultrasound-Facilitated Thrombolysis in Patients With Pulmonary Embolism at High-Risk or Intermediate High-Risk
Cihangir Kaymaz, Ozgur Akbal, Aykun Hakgor, Fatih Yilmaz, Hacer Tokgoz, Halil Tanboga, Seda Tanyeri, Cem Dogan, Zubeyde Bayram, Sevim Turkgday, Durmus Demir, Deniz Acar, Nihal Ozdemir, Kartal Kosuyolu Heart Education and Research Hospital, Istanbul, Turkey

277 - Hyperuricemia Is Associated With Endothelial Dysfunction and Morphological Abnormalities of Neointima After 2nd Generation Drug-Eluting Stents Deployment Assessed by Optical Coherence Tomography
Satoshi Yoshino, Hiroyuki Tabata, Masaaki Miyata, Daisuke Kanda, Kenta Ohmure, Yoshihiro Uchikado, Mitsuru Ohishi, Kagoshima University, Kagoshima, Japan

278 - Intravascular Ultrasound Mechanisms of In-Stent Restenosis in Saphenous Vein Graft Lesions

Rafal Wolny, Gary Mintz, Mitsuaki Matsumura, Masaru Ishida, Yasir Parviz, Khady Fall, Tamim Nazif, Manish Parikh, Leroy Rabbani, Michael Collins, Philip Green, Ziad Ali, Dimitrios I. Karpaliotis, David Brogno, Susheel K. Kodali, Torsten Vahl, Sahil Parikh, Lauren Privitera, Martin B. Leon, Gregg Stone, Ajay Kirtane, Jeffrey Moses, Akiko Maehara, Cardiovascular Research Foundation, New York, NY, USA, Columbia University Medical Center, New York, NY, USA

Interventional Cardiology - Poster Contributions Session #1199

Interventional Cardiology: Mitral and Structural Heart Disease

Sunday, March 11, 2018, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

279 - Continuous Left Atrial Pressure and Invasive Hemodynamic Monitoring Via Steerable Guide Catheter to Optimize Transcatheter Mitral Valve Repair With MitraClip NT System
Gilbert Hin-Lung Tang, Lawrence Ong, Ryan Kaple, Basel Ramlawi, Tanya Dutta, Syed Zaid, Hasan Ahmad, Robert Kalimi, Cenap Undemir, Asaad Khan, Matias Yudi, Adnan Nadir, Farhan Majeed, Omar A. Ali, Jeffrey Skiles, Joanne Bennett, Chandra Bhim, Martin Cohen, Steven Lansman, Samin K. Sharma, Annapoorna Subhash Kini, Mount Sinai Health System, New York, NY, USA

280 - Changes in Mitral Annular Geometry After Transcatheter Aortic Valve Replacement: Implications on Transcatheter Mitral Valve Replacement
Gilbert Hin-Lung Tang, Medha Biswas, Syed Zaid, Hasan Ahmad, Ryan Kaple, Cenap Undemir, Martin Cohen, Steven Lansman, Mount Sinai Health System, New York, NY, USA, Westchester Medical Center, Valhalla, NY, USA

281 - 3D Vena Contracta Area For the Quantification of Residual Mitral Regurgitation After Mitraclip Procedure
Eleonora Avenatti, Mark Reisman, Colin Barker, G. Burkhard Mackensen, Stephen Little, Methodist DeBakey Heart & Vascular Center Houston Methodist Hospital, Houston, TX, USA, University of Washington Medical Center, Seattle, WA, USA

282 - Effect of Hospital Volume on Transcatheter Mitral Valve Repair (TMVR) Outcomes: A Nationwide Inpatient Sample Analysis
Nikhil Nalluri, Varun Kumar, Varunsiri Atti, Shilpkumar Arora, Nileshkumar Patel, Deepak Asti, Sushruth Edla, Emad Barsoum, Mohammad Zgheib, Munir Abdallah, Boutros Karam, Sainath Gaddam, Jonathan Spagnola, Roman Royzman, Frank Tamburrino, Gregory Maniatis, Ruben Kandov, James Lafferty, Chad Kliger, Hofstra Northwell School of Medicine at Staten Island University Hospital, New York, NY, USA, Hofstra Northwell School of Medicine at Lenox Hill Hospital, New York, NY, USA

283 - Outcomes Following Transcatheter Transseptal Versus Transapical Mitral Valve-in-Valve and Valve-in-Ring Procedures
Salik Nazir, Sammy Elmariah, Saroj Lohani, Niranjana Tachamo, Muhammad Sohail Khan, Bidhya Timilsina, Faraz Khan Luni, Anthony Donato, Reading Health System, West Reading, PA, USA



284 - Intraprocedural Direct Left Atrial and Wedge Pressure Correlation During Transcatheter Mitral Valve Repair: Results From a Single Center Registry

Lily Chen, Neha Maheshwari Mantri, Maia Eng, William Wung, Thomas Smith, Dali Fan, Douglas Boyd, Reginald Low, Jason H. Rogers, Gagan Singh, University of California Davis Medical Center, Sacramento, CA, USA

285 - In-Hospital Outcomes After MitraClip Implantation: Nationwide Inpatient Sample, 2010-2014

Sagar Mallikethi-Reddy, Ujjwal Rastogi, Emmanuel Akintoye, Rajeev Sudhakar, Melvyn Rubenfire, Cindy Grines, Luis Afonso, The Mount Sinai Hospital, Icahn School of Medicine, New York, NY, USA

286 - Survival Benefit of Surgery in Patients With Primary Severe Mitral Regurgitation and Severe Left Ventricular Dysfunction
Seung-Ah Lee, Ran Heo, Sahmin Lee, Dae-Hee Kim, Jong-Min Song, Jae-Kwan Song, Jae-Won Lee, Duk-Hyun Kang, Asan Medical Center, Seoul, South Korea

287 - 12-Month Progression to Severity in Non-Clinically Significant Functional Mitral Regurgitation [nsFMR] Patients With and Without Ischemia in Medicare Fee-for-Service Patients
David Patrick Cork, Emilie Kottenmeier, Patrick Verta, Sarah Mollenkopf, Teresa Green, Hirsch Mehta, Edwards Lifesciences, Irvine, CA, USA

288 - Combined Mitral and Tricuspid Versus Isolated Mitral Valve Edge-to-Edge Repair in Patients With Symptomatic Valve Regurgitation and High Surgical Risk
Philipp Lurz, Christian Besler, Stephan Blazek, Thilo Noack, Karl-Philipp Rommel, Maximilian Von Roeder, Matthias Gutberlet, Michael Borger, Joerg Ender, Holger Thiele, University of Leipzig - Heart Center, Leipzig, Germany

289 - 5-Year Durability Results of Transcatheter Mitral Valve Repair With the MitraClip® System in Patients With Severe Degenerative Mitral Regurgitation and Prohibitive Surgical Risk
D. Scott Lim, Gorav Ailawadi, Saibal Kar, Alfredo Trento, Andrew Wang, Paul Grayburn, Samir Kapadia, Michael Rinaldi, Eric Skipper, Susheel K. Kodali, Brian Whisenant, Atif Qasim, Neil Weissman, Michael J. Mack, Donald Glower, Ted Feldman, University of Virginia, Charlottesville, VA, USA

290 - Comparison of Transseptal Puncture Height For Mitraclip Between 2D and 3D Measurements
Nils Petri, Alexander Haak, Dominik Wiktor, Robert Quaife, Edward Gill, Ernesto Salcedo, Wolfram Voelker, John Carroll, University Hospital Wuerzburg, Wuerzburg, Germany, University of Colorado Denver, Aurora, CO, USA

Interventional Cardiology - Poster Contributions Session #1200

Advances in Transradial Access and Intervention

Sunday, March 11, 2018, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

291 - AJmer ULnar Angioplasty Study (AJULAST) Study: ULnar Access Is Non Inferior to Radial Access Angioplasty

Rajendra Kumar Gokhroo, Kailash Chandra, Shashi Kant Pandey, Ramsagar Roy, Rajesh Nandal, JLN Medical College, Ajmer, India

292 - An Initial Experience of 2,495 Cases of ULnar Access Coronary Interventions at a Single Center

Rajendra Kumar Gokhroo, Kailash Chandra, Shashi Kant Pandey, Ramsagar Roy, Rajesh Nandal, JLN Medical College, Ajmer, India

293 - Transradial Access Is Associated With Lower Risk of Dialysis and Acute Renal Failure Than Transfemoral Access in Patients Undergoing Cardiac Catheterization or Percutaneous Coronary Intervention

Yash Rameshbhai Patel, Pedro Moreno, Chirag Bavishi, Dhaval Kolte, J. Abbott, Herbert D. Aronow, Mount Sinai St Luke's - Mount Sinai West, New York, NY, USA

294 - Routine Prospective Use of Forearm Angiography in Transradial Cardiac Catheterization: Incidence of Radial Artery Anatomic Variants and Predictors of Procedural Success
Linda Lee, Joseph Kern, John Blair, Jonathan Rosenberg, Margaret Lee, Sandeep Nathan, University of Chicago Medicine, Chicago, IL, USA

295 - AJmer ULnar Artery Access in Elderly (AJULAR in ELDERLY): A Single Center Prospective Randomized Control Study
Kailash Chandra, Rajendra Gokhroo, JLN Medical College, Ajmer, India

296 - Optimal TR-Band Weaning Strategy While Minimizing Vascular Access Site Complications

Ryan Gindi, Sunay Shah, Akshay Khandelwal, Mohammad Alqarqaz, Mohammad Zaidan, Michele Voeltz, Gerald Koenig, Henry Kim, William W. O'Neill, Khaldoon Alaswad, Henry Ford Hospital, Detroit, MI, USA

297 - Utility of Patient Height and Indexed Aortic Root Diameter For Selection of Radial Versus Femoral Access For Coronary Angiography

Chirag Desai, Udit Bhatnagar, Terezia Petraskova, Tomasz Stys, Paul Thompson, Adam Stys, University of South Dakota Sanford School of Medicine, Sioux Falls, SD, USA

298 - Comparison of TR Band Removal Protocols in Reducing Occurrence of Radial Artery Occlusion Among Patients Undergoing Left Heart Catheterization: A Randomized Control Trial

Muhammad Rahman, Farhala Baloch, Azmina Artani, Huma Fatima, Abdus Salam, Sher Ahmed, Aga Khan University Hospital, Karachi, Pakistan

Interventional Cardiology - Poster Contributions Session #1201

Interventional Cardiology: Data From Large Registries in CTO PCI

Sunday, March 11, 2018, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

301 - Impact of Successful Percutaneous Coronary Intervention on Chronic Total Occlusion Outcomes in Multi-Vessel Disease Patients



Seung-Woon Rha, Se Yeon Choi, Byoung Geol Choi, Jae Kyeong Byun, Ahmed Mashaly, Yoonjee Park, Won Young Jang, WooHyeun Kim, Eun Jin Park, Ja Yeon Choi, Jin Oh Na, Cheol Ung Choi, Hong Euy Lim, Eung Ju Kim, Chang Gyu Park, Hong-Seog Seo, Dong Joo Oh, Korea University Guro Hospital, Seoul, South Korea

302 - Rotational Atherectomy Versus Standard PCI in Patients With Calcified Coronary Lesions: A Systematic Review and Meta-Analysis

Mohan Babu Palla, Alexandros Briasoulis, Arshad Ali Javed, Sagar Mallikethi-Reddy, Luis Afonso, Theodore Schreiber, Cindy Grines, Wayne State University and Detroit Medical Center, Detroit, MI, USA

303 - Percutaneous Coronary Interventions For AortoOstial Chronic Total Occlusions: Insights From a Multicenter Registry
Peter Tajti, Dimitrios I. Karpaliotis, Khaldoon Alaswad, Farouc Jaffer, Robert Yeh, Mitul Patel, Ehtisham Mahmud, James Choi, M. Nicholas Burke, Anthony Doing, Catalin Toma, Barry Uretsky, Elizabeth Holper, David Kandzari, Nicholas Lembo, Santiago Garcia, Oleg Krestyaninov, Dmitrii Khelinskii, Michalis Koutouzis, Jeffrey Moses, Ajay Kirtane, Ziad Ali, Bavana Rangan, Subhash Banerjee, Emmanouil Brilakis, Minneapolis Heart Institute, Abbott Northwestern Hospital, Minneapolis, MN, USA

304 - Procedural Outcomes of Multiple CTO Intervention Carried Out in the Same Procedure: Insight From a Multicenter CTO Registry

Peter Tajti, Dimitrios I. Karpaliotis, Khaldoon Alaswad, Farouc Jaffer, Robert Yeh, Mitul Patel, Ehtisham Mahmud, James Choi, M. Nicholas Burke, Anthony Doing, Catalin Toma, Barry Uretsky, Elizabeth Holper, David Kandzari, Nicholas Lembo, Santiago Garcia, Oleg Krestyaninov, Dmitrii Khelinskii, Michalis Koutouzis, Jeffrey Moses, Ajay Kirtane, Ziad Ali, Bavana Rangan, Subhash Banerjee, Emmanouil Brilakis, Minneapolis Heart Institute, Abbott Northwestern Hospital, Minneapolis, MN, USA

Interventional Cardiology - Poster Contributions Session #1202

Novel Physiology Assessment

Sunday, March 11, 2018, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

305 - Relationship Between Global Myocardial Blood Flow Evaluated by Phase Contrast Cine-Magnetic Resonance Imaging and Regional Pressure Wire-Derived Physiological Indices
Tadashi Fukuda, Yoshinori Kanno, Rikuta Hamaya, Hiroaki Ohya, Yohei Sumino, Masahiro Hada, Masahiro Hoshino, Eisuke Usui, Yoshihisa Kanaji, Taishi Yonetsu, Tsunekazu Kakuta, Cardiovascular Division, Tsuchiura Kyodo General Hospital, Tsuchiura-Shi, Japan

306 - Comparison of Optical Coherence Tomography Measurements With 3-Dimensional Quantitative Coronary Angiography-Derived Computed Fractional Flow Reserve
Hiroshi Okamoto, Teruyoshi Kume, Ryotaro Yamada, Yoji Neishi, Shiro Uemura, Kawasaki Medical School Hospital, Kurashiki, Japan

Interventional Cardiology - Poster Contributions Session #1203

Left Main, Multivessel, Bifurcation Lesions: Strategies to Manage High-Risk Patients

Sunday, March 11, 2018, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

308 - In-Hospital Mortality in Percutaneous Coronary Stenting of Single Versus Multiple Vessels in Acute ST-Elevation Myocardial Infarction

Nene Ugoeke, Obiora Maludum, Hetavi Mahida, Renato Apolito, Jersey Shore University Medical Center, Neptune, NJ, USA

309 - Non-Emergent Percutaneous Coronary Intervention on an Unprotected Left Main Coronary Artery Supported With Impella® Heart Pump in Patients Ineligible For Surgical Revascularization
Perwaiz M. Meraj, Jonathan Hill, Simon Dixon, Theodore Schreiber, Jeffrey Moses, Andreas Schaefer, William W. O'Neill, Northwell Health, Manhasset, NY, USA

310 - Clinical Characteristics and Outcomes of Left Main ST-Elevation Myocardial Infarction

Ameera Ahmed, Ross Garberich, Frank Aguirre, Jenny Chambers, Yader Sandoval, John Hibbs, Timothy Henry, Cedars-Sinai Medical Center, Los Angeles, CA, USA, Minneapolis Heart Institute at Abbott Northwestern Hospital, Minneapolis, MN, USA

Interventional Cardiology - Moderated Poster Contributions

Session #1219M

Novel Percutaneous Tricuspid Valve Repair Techniques

Sunday, March 11, 2018, 9:45 a.m. - 10:30 a.m.

**Interventional Cardiology Moderated Poster Theater,
Poster Hall, Hall A/B**

CME Hours: /CNE Hours:

ACC Poster Moderator: D. Scott Lim

ACC Poster Moderator: Marc Sintek

9:45 a.m.

Acute and Short-Term Results of Transcatheter Treatment of Severe Tricuspid Regurgitation Using the Edge-to-Edge Repair System

Daniel Braun, Mathias Orban, Michael Nabauer, Andrea Englmaier, Thomas Stocker, Christian Hagl, Steffen Massberg, Joerg Hausleiter, Medizinische Klinik 1, Klinikum der Universität München, Munich, Germany

9:55 a.m.

Question and Answer

10:00 a.m.

30 Day Results of the SCOUT I Study in Patients With Severe Tricuspid Regurgitation (TR)

Christopher Meduri, Charles Davidson, Scott Lim, Tamim Nazif, Mark Ricciardi, Vivek Rajagopal, Gorav Ailawadi, Mani Vannan, James Thomas, Dale Fowler, Stuart Rich, Susheel K. Kodali, Rebecca T. Hahn, Columbia Presbyterian, New York, NY, USA, Piedmont Hospital, Atlanta, GA, USA

10:10 a.m.

Question and Answer



10:15 a.m.
Transcatheter Edge-to-Edge Repair For Severe Tricuspid Regurgitation Using the Triple Orifice Versus Bicuspidalization Technique
Daniel Braun, Mathias Orban, Michael Nabauer, Andrea Englmaier, Thomas Stocker, Hagl Christian, Steffen Massberg, Joerg Hausleiter, Medizinische Klinik und Poliklinik I, Klinikum der Universität München, Munich, Germany

10:25 a.m.
Question and Answer

Interventional Cardiology - Scientific Session #670
Multivessel PCI: Debates, Decisions, and Tough Calls
Sunday, March 11, 2018, 10:45 a.m. - 12:15 p.m.
Room 203 A
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: J. Dawn Abbott
Co-Chair: Ahmed Shawky
Panelist: Lorraine L. Britting
Panelist: James C. Blankenship
Panelist: Ahmed Magdy
Panelist: Gilles Montalescot

10:45 a.m.
Multivessel PCI in 2018: Heart Team, AUC and Shared Decision Making
Suresh Mulukutla
Wexford, PA

10:55 a.m.
Debate: Complete Revascularization in Stable Ischemic Heart Disease Is a Must

10:55 a.m.
Yes: Outcomes Are Better With Complete Revascularization
Ran Kornowski
Petach-Tikva, Israel

11:05 a.m.
No: Some Lesions Can Be Left Behind Without Compromising Outcomes
Ajay J. Kirtane
New York, NY

11:15 a.m.
Panel Discussion With Audience Question and Answer

11:25 a.m.
MV PCI All at Once or Staged: How I Decide
Jeffrey W. Moses
New York, NY

11:30 a.m.
Panel Discussion With Audience Question and Answer

11:40 a.m.
Case Presentation: Use of Hemodynamics to Guide Multivessel PCI

William Fuller Fearon
Stanford, CA

Panel Discussion With Audience Question and Answer

11:45 a.m.
Case Presentation: Multivessel PCI With Hemodynamic Support
Joanna Ghobrial
Los Angeles, CA

11:50 a.m.
Panel Discussion With Audience Question and Answer

12:00 p.m.
Case Presentation: MV Case I Wish I Sent for CABG
Molly Szerlip
Plano, TX

12:05 p.m.
Panel Discussion With Audience Question and Answer

Interventional Cardiology - Scientific Session #671
TAVR in 2018: Changing the Landscape of Treatment Strategies for Aortic Stenosis
Sunday, March 11, 2018, 10:45 a.m. - 12:15 p.m.
Room 202 C
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Colin M. Barker
Co-Chair: Nicolas M. Van Mieghem
Panelist: Anita W. Asgar
Panelist: Suzanne Baron
Panelist: Amanda Kirby
Panelist: Ganesh Manoharan
Panelist: Tamim Nazif

10:45 a.m.
Minimalist TAVR in 2018: TAVR in the Awake Patient
Saif Anwaruddin
Philadelphia, PA

10:57 a.m.
Cerebral Embolic Protection and TAVR in 2018: In Whom, Where, and When?
Susheel K. Kodali
New York, NY

11:09 a.m.
Alternative Access in TAVR: How the Landscape Has Changed
James M. McCabe
Mercer Island, WA

11:21 a.m.
Are We Ready for Low Risk TAVR? A Surgeon's Perspective
Michael J. Reardon
Houston, TX

11:33 a.m.
Managing a Successful TAVR Program in 2018: Challenges and Pitfalls



Hemal Gada
Englewood, NJ

11:33 a.m.
The Evolution of TAVR From a High Risk Procedure to Standard of Care
Michael J. Mack
Plano, TX

11:33 a.m.
Panel Discussion With Audience Question and Answer

Interventional Cardiology - Core Curriculum
Session #808
Tough Revascularization Scenarios
Sunday, March 11, 2018, 10:45 a.m. - 12:15 p.m.
Room 207 A
CME Hours: 1.5 /CNE Hours: 1.5

Chair: Robert Jay Widmer

10:45 a.m.
Multivessel CAD: When PCI is the Better Option?
Timothy A. Mixon
Temple, TX

11:05 a.m.
CTO: When and How to Open the Occluded Vessel
Mauricio G. Cohen
Miami, FL

11:25 a.m.
Mechanical Support for High Risk PCI: Clinical Cases of Success
Simon R. Dixon
Royal Oak, MI

11:46 a.m.
Panel Discussion Moderator
Robert Jay Widmer
Rochester, MN

11:46 a.m.
Panel Discussion with Question and Answer

Interventional Cardiology - Oral Contributions
Session #905
The 2018 Top 6 Coronary Challenging Cases
Sunday, March 11, 2018, 10:45 a.m. - 12:15 p.m.
Room 204 C
CME Hours: 1.5 /CNE Hours: 1.5

ACC Co-Chair: Farouc Jaffer
ACC Co-Chair: Stéphane Rinfret
Panelist: Khaldoon Alaswad
Panelist: Mitul Patel

10:45 a.m.
Device Closure of Large Coronary Artery Fistula
Dor Markush, Brian Boe, Kaitlin L'Italien, Steven Cassidy, Corey Stiver, Kan Hor, Darren Berman, Nationwide Children's Hospital, Columbus, OH, USA

10:55 a.m.

Panel Discussion

11:00 a.m.
When All Fails: The Value of an Exit Strategy
Marwan Faris Jumean, Sana Shoukat, Sriram Nathan, Sachin Kumar, Igor Gregoric, Biswajit Kar, UTHealth McGovern Medical School, Houston, TX, USA

11:10 a.m.
Panel Discussion

11:15 a.m.
CTO PCI When Proximal Cap Cannot Be Visualized
Tariq Hameed, Arasi Maran, Medical University of South Carolina, Charleston, SC, USA

11:25 a.m.
Panel Discussion

11:30 a.m.
Not Your Typical Chronic Total Occlusion
Janarthanan Sathananthan, Douglas Ing, Toronto General Hospital, University Health Network, Toronto, Canada

11:40 a.m.
Panel Discussion

11:45 a.m.
Coronary Chronic Total Occlusions Caused by Remnant Leaflets After Aortic Valve Replacement
Kathleen E. Kearney, William Lombardi, University of Washington Medical Center, Seattle, WA, USA

11:55 a.m.
Panel Discussion

12:00 p.m.
Percutaneous Coronary Intervention For a Chronic Total Occlusion With Bifurcation at Distal Cap: The "Double Stingray" Technique
Peter Tajti, Emmanouil Brilakis, Minneapolis Heart Institution, Abbott Northwestern Hospital, Minneapolis, MN, USA

12:10 p.m.
Panel Discussion

Interventional Cardiology - Live Cases
Session #204
Interventional Live Case Session IV: Structural/Vascular Transmission From OhioHealth Riverside Methodist
Sunday, March 11, 2018, 12:30 p.m. - 1:45 p.m.
Main Tent, Hall C
CME Hours: 1.25 /CNE Hours: 1.25

12:30 p.m.
Live Case Operator
Steven J. Yakubov
Columbus, OH

12:30 p.m.
Live Case Operator
Gary M. Ansel
Columbus, OH



Co-Chair: Stephen R. Ramee
Panelist: Vasilis C. Babaliaros
Panelist: John D. Carroll
Panelist: Dmitriy N. Feldman
Panelist: Rasha Al-Lamee
Panelist: D. Christopher Metzger

Panelist: Beau Michael Hawkins
Interventional Cardiology - Scientific Session #684
Antiplatelet Therapy: Practical Management Pearls
Sunday, March 11, 2018, 12:30 p.m. - 1:45 p.m.
Room 205 A
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Dominick J. Angiolillo
Co-Chair: Matthew J. Price
Panelist: Kristen B. Campbell
Panelist: Francesco Franchi
Panelist: Gilles Montalescot
Panelist: Fabiana Rollini
Panelist: Roberta Rossini

12:30 p.m.
Management of Antiplatelet Therapy in Patients Undergoing Non-Cardiac Surgery
Roberta Rossini
Bergamo, Italy

12:40 p.m.
Switching Antiplatelet Therapy: How, When, Which Dose?
Fabiana Rollini
Jacksonville, FL

12:50 p.m.
Role of Platelet Function and Genetic Testing in 2017
Dirk Sibbing
Muenchen, Germany

1:00 p.m.
Combination of Antiplatelets and Anticoagulants: Where Do We Stand in 2018?
C. Michael Gibson
Boston, MA

1:10 p.m.
Oral Antiplatelet Therapy in STEMI: Crushing, Chewing, and Timing of Administration
Gilles Montalescot
Paris, France

1:20 p.m.
Timing of Administration of Oral Antiplatelet Therapy in NSTEMI: Practical Considerations
Deepak L. Bhatt
Newton, MA

1:30 p.m.
Panel Discussion With Question and Answer

Interventional Cardiology - Scientific Session #685
Improving TAVR Through Imaging: Seeing Is Believing!
Sunday, March 11, 2018, 12:30 p.m. - 1:45 p.m.
Room 204 C
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Jason Ciril Kovacic
Co-Chair: Jeffrey J. Popma
Panelist: Saif Anwaruddin
Panelist: Alaide Chieffo
Panelist: Andres M. Pineda Maldonado
Panelist: Gennaro Sardella

12:30 p.m.
MDCT Assessment of the Aortic Annulus for Appropriate Patient and Device Selection
Jonathon Leipsic
Vancouver, BC

12:39 p.m.
Bicuspid Aortic Valve Imaging Classification in the TAVR Era: Lessons for an Implanter
Raj R. Makkar
Los Angeles, CA

12:48 p.m.
Assessment of Paravalvular Regurgitation Following TAVR: A Case for a Unified Grading Scheme
Mathew Williams
New York, NY

12:57 p.m.
Imaging Guidance for TAVR: Is TEE the Gold Standard?
Stamatios Lerakis
Atlanta, GA

1:06 p.m.
Interactive TAVR Case With Audience Response: Role of Imaging for Patient Selection, Planning and Execution
Gilbert Hin-Lung Tang
New York, NY

1:15 p.m.
TAVR Under Conscious Sedation: TTE or TEE?
Saif Anwaruddin
Philadelphia, PA

1:24 p.m.
Very Low Contrast Volume CTA
Omar K. Khalique
Teaneck, NJ

1:33 p.m.
Ask the Experts: Audience Question and Answer



Interventional Cardiology - Scientific Session #686

CTO: The Good the Bad, and the Ugly- The Learning ZONE!

Sunday, March 11, 2018, 12:30 p.m. - 1:45 p.m.

Room 203 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Farouc A. Jaffer
Co-Chair: William L. Lombardi
Panelist: John M. Lasala
Panelist: Samin K. Sharma
Panelist: Robert W. Yeh

12:30 p.m.
CTO Current Data Review: Are They Enough?
James Aaron Grantham
Shawnee Mission, KS

12:35 p.m.
Patient Selection
Robert W. Yeh
Boston, MA

12:40 p.m.
CTO/CHIP: Essential Toolbox and Procedure Skills You Need
Khaldoon Alaswad
Detroit, MI

12:50 p.m.
Strategy Planning: Angiographic Review, Selection and Basic
Concepts of Antegrade/Retrograde and Hybrid Techniques
Emmanouil S. Brilakis
Minneapolis, MN

1:00 p.m.
Advanced Imaging - IVUS and OCT Use in CTO PCI
Marco A. Costa
Cleveland, OH

1:05 p.m.
Complication Management: Stay Calm and Focused!
Dimitrios I. Karpaliotis
New York, NY

1:10 p.m.
Case I: When All Hell Breaks Loose!
Robert Pyo
Bayside, NY

1:15 p.m.
Panel Discussion with Audience Question and Answer

1:25 p.m.
Buckle Your Seat Belt, Persistence and Judgement Call!
Stéphane Rinfret
Montreal, Canada

1:30 p.m.
Panel Discussion with Audience Question and Answer

Interventional Cardiology - Scientific Session #687

**Emerging Role of NOACs in Patients With Coronary Artery
Disease: The Balancing Act!**

Sunday, March 11, 2018, 12:30 p.m. - 1:45 p.m.

Room 202 C

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Jonathan L. Halperin
Co-Chair: Manesh R. Patel
Panelist: Snehal H. Bhatt
Panelist: Judy Cheng
Panelist: Matthew T. Roe
Panelist: Freek W. A. A. Verheugt

12:30 p.m.
Which NOAC and Which Dose in Atrial Fibrillation Patient
Undergoing PCI
Laura Mauri
Boston, MA

12:45 p.m.
Which NOAC and Which Dose in ACS
Matthew T. Roe
Durham, NC

1:00 p.m.
Which NOAC and Which Dose in Stable Vascular Disease
Shamir R. Mehta
Hamilton, Canada

1:15 p.m.
Future Studies
Freek W. A. A. Verheugt
Amsterdam, Netherlands

1:30 p.m.
Panel Discussion With Question and Answer

Interventional Cardiology - Moderated Poster Contributions

Session #1228M

Shock and Support: Urgent Interventions

Sunday, March 11, 2018, 12:30 p.m. - 1:45 p.m.

**Interventional Cardiology Moderated Poster Theater,
Poster Hall, Hall A/B**

CME Hours: /CNE Hours:

ACC Poster Moderator: Jay S. Giri
ACC Poster Moderator: Marwa A. Sabe

12:30 p.m.
Comparison of ECMO and pLVAD For Patients With Cardiogenic
Shock Undergoing High-Risk Percutaneous Coronary Intervention
Rajkumar Doshi, Krunalkumar Patel, Jay Shah, Rajiv Jauhar,
Zainulabedin Waqar, Perwaiz Meraj, Northwell Health,
Manhasset, NY, USA

12:40 p.m.
Question and Answer

12:45 p.m.



Risk Prediction in Patients With Venoarterial Extracorporeal Membrane Oxygenation For Cardiopulmonary Support: Insights From a European Nationwide Registry

Peter Moritz Becher, Christoph Sinning, Benedikt Schrage, Nina Fluschnik, Christoph Waldeyer, Moritz Seiffert, Alexander Bernhardt, Uwe Zeymer, Hermann Reichenspurner, Stefan Blankenberg, Raphael Twerenbold, Dirk Westermann, University Heart Center Hamburg-Eppendorf, Hamburg, Germany

12:55 p.m.

Question and Answer

1:00 p.m.

Does Hospital Volume Affect In-Hospital Mortality in Patients Presenting With ST-Segment Elevation Myocardial Infarction Complicated by Cardiogenic Shock? Results From a Nationwide Real-World Registry

Gaurav Patel, Sukrut Nanavaty, Toralben Patel, Samir Pancholy, The Wright Center for Graduate Medical Education, Scranton, PA, USA

1:10 p.m.

Question and Answer

1:15 p.m.

Outcomes Following Urgent/Emergent Transcatheter Aortic Valve Replacement: Insights From the STS/ACC TVT Registry

Dhaval Kolte, Sahil Khera, Sreekanth Vemulapalli, Dadi (David) Dai, Stephan Heo, Andrew Michael Goldsweig, Herbert D. Aronow, Ignacio Inglessis, Sammy Elmariah, Barry Sharaf, Paul Gordon, J. Abbott, Brown University, Providence, RI, USA

1:25 p.m.

Question and Answer

1:30 p.m.

Hospital Variation in the Utilization of Short-Term Non-Durable Mechanical Circulatory Support in Myocardial Infarction Complicated by Cardiogenic Shock

Jordan B. Strom, Yuansong Zhao, Changyu Shen, Mabel Chung, Jeffrey Popma, Robert Yeh, Beth Israel Deaconess Medical Center, Boston, MA, USA

1:40 p.m.

Question and Answer

Interventional Cardiology - Poster Contributions Session #1243

Interventional Cardiology: Aortic, Mitral and Structural Heart Disease

Sunday, March 11, 2018, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

223 - Percutaneous Peripheral Cardiopulmonary Bypass For Transfemoral TAVR Patients With Severely Depressed Ejection Fraction Without General Anesthesia

Matthew Cauchi, Joseph Rowe, Jason Foerst, Carilion Clinic, Roanoke, VA, USA

224 - Dual- Versus Mono-Antiplatelet Therapy in Patients Undergoing TAVR: A Meta-Analysis of Randomized Controlled Trials and Observational Studies

Shadi Al Halabi, Joshua Newman, Michael E. Farkouh, David Fortuin, Ferdinand Leya, John Sweeney, John Webb, John Lopez, Lowell Steen, Bruce Lewis, Amir Darki, Verghese Mathew, Loyola University Medical Centre, Maywood, IL, USA

225 - Analysis of the Initial United States Experience With the BioTrace Tempo Temporary Pacing Lead in Transcatheter Aortic Valve Replacement (TAVR) and Other Cardiac Procedures

Tamim Nazif, Carlos Sanchez, Brian Whisenant, John Forrest, Steven J. Yakubov, Paul Grossman, Arash Arshi, Daniel Menees, Juan Terre, James Orford, Martin B. Leon, Susheel K. Kodali, Stanley Chetcuti, Columbia University, New York, NY, USA

226 - A Contemporary Analysis of Transfemoral Aortic Valve Replacement For Bicuspid Aortic Stenosis

Manuel Rivera, Leonardo Mees Knijnik, Rhanderson Cardoso, Gilson Costa Fernandes Filho, Amanda D. F. Fernandes, University of Miami Miller School of Medicine, Miami, FL, USA

227 - Comparison of Percutaneous Patent Foramen Ovale Closure and Medical Therapy For Secondary Prevention of Cryptogenic Stroke: A Meta-Analysis

Manuel Rivera, Andrew Panakos, Kunal Kapoor, Gilson Fernandes, Gerardo Zablah, Rhanderson Cardoso, Leonardo Kijnik, Eduardo De Marchena, University of Miami Miller School of Medicine, Miami, FL, USA

228 - Left Ventricular End-Diastolic Pressure After Transcatheter Aortic Valve Replacement Is a Predictor of 30 Days Re-Admission Due to Heart Failure

Nobuyasu Ito, Makoto Amaki, Hideaki Kanzaki, Atsushi Okada, Yasuhiro Hamatani, Hiroyuki Takahama, Takuya Hasegawa, Yasuo Sugano, Kizuku Yamashita, Yuta Kume, Yusuke Shimahara, Tomoyuki Fujita, Satoshi Yasuda, Toshihisa Anzai, Junjiro Kobayashi, National Cerebral and Cardiovascular Center, Suita, Japan

229 - Correlation of Aortic Valve Annular Plane Assessment by Pre-Procedural Computed Tomography Versus On-Table 3-Dimensional Rotational Angiography

Ivan P. Casserly, Sean Murphy, Ciara Malone, Richard Tanner, Ronan Margey, Catherine McGorrian, Declan Sugrue, Andrew Roy, Mater Misericordiae University Hospital, Dublin, Ireland, Mater Private Hospital, Dublin, Ireland

230 - Stroke Rates in Various Antiplatelet and Anticoagulant Regimens Following Transcatheter Aortic Valve Replacement

Sarah Gorgis, Elsheikh Abdelrahim, Dee Dee Wang, Janet Fredal Wyman, Gaetano Paone, Adam Greenbaum, Brad Kendall, William W. O'Neill, Marvin Eng, Henry Ford Hospital, Detroit, MI, USA, Wayne State University, Detroit, MI, USA

232 - Outcomes of Acute Ischemic Stroke After TAVR: Potential Impact of Embolic Protection

Mohamad Adnan Alkhoul, Fahad Alqahtani, Partho Sengupta, Lawrence Wei, Paul McCarthy, Vinay Badhwar, West Virginia University, Morgantown, WV, USA



233 - Changes in CT-Derived Aortomitral Annular Angle After Transcatheter Aortic Valve Replacement: Implications For Transcatheter Mitral Valve Replacement?

Gilbert Hin-Lung Tang, Medha Biswas, Syed Zaid, Hasan Ahmad, Ryan Kaple, Cenap Udemir, Martin Cohen, Steven Lansman, Mount Sinai Health System, New York, NY, USA, Westchester Medical Center, Valhalla, NY, USA

234 - Changes in Aortomitral Annular Angle After Transcatheter Aortic Valve Replacement: Implications For Transcatheter Mitral Valve Replacement?

Gilbert Hin-Lung Tang, Mohammed Hasan Khan, Syed Zaid, Abdallah Sanaani, Tanya Dutta, Mala Sharma, Angelica Poniros, Hasan Ahmad, Ryan Kaple, Cenap Udemir, Martin Cohen, Steven Lansman, Mount Sinai Health System, New York, NY, USA, Westchester Medical Center, Valhalla, NY, USA

Interventional Cardiology - Poster Contributions Session #1244

Intravascular Imaging in Complex Lesion Subsets
Sunday, March 11, 2018, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

235 - Assessment of Proximal Left Anterior Descending Artery Size by Intravascular Ultrasound For Optimal Stent Sizing

Evan Shlofmitz, Mitsuaki Matsumura, Gary Mintz, Cheolmin Lee, Masaru Ishida, Akiko Fujino, Rafal Wolny, Yuqi Fan, Masahiro Hoshino, Eisuke Usui, Yoshihisa Kanaji, Tadashi Murai, Taishi Yonetsu, Ziad Ali, Gregg Stone, Jeffrey Moses, Tsunekazu Kakuta, Akiko Maehara, Cardiovascular Research Foundation, New York, NY, USA, Columbia University Medical Center, New York, NY, USA

236 - Prevalence of Neoatherosclerosis in Sirolimus-Eluting Stents at Very Late Phase From Implantation

Eisuke Usui, Taishi Yonetsu, Yoshinori Kanno, Rikuta Hamaya, Tadashi Fukuda, Hiroaki Ohya, Yohei Sumino, Masahiro Hada, Masao Yamaguchi, Masahiro Hoshino, Yoshihisa Kanaji, Tsunekazu Kakuta, Tsuchiura Kyodo General Hospital, Tsuchiura, Japan

237 - Characteristics and Distribution of Calcium in the Distal Left Main Bifurcation Assessed by Optical Coherence Tomography

Song-Yi Kim, Gary Mintz, Masaru Ishida, Mitsuaki Matsumura, Alec Goldberg, Allen Jeremias, Ziad Ali, Jane Cao, John Tang, Fernando Sosa, Jeffrey Moses, Elizabeth Haag, Richard Shlofmitz, Akiko Maehara, Cardiovascular Research Foundation, New York, NY, USA, Jeju National University Hospital, Jeju, South Korea

238 - Evaluation of Flow Dynamics in Bifurcations by Fusion of 3-Dimensional Angiography and Two-Vessel Optical Coherence Tomography

Antonios Karanasos, Konstantinos Toutouzias, Ioannis Andrikos, Antonis Sakellarios, Panagiotis Siogkas, George Rigas, Themis Exarchos, Andreas Syntetos, George Latsios, Eleftherios Tsiamis, Lampros Michalis, Dimitris Fotiadis, Dimitris Tousoulis, Hippokraton Hospital, University of Athens, Athens, Greece, University of Ioannina, Unit of Medical Technology and Intelligent Information Systems, Ioannina, Greece

240 - Influence of Concomitant Chronic Total Occlusion and Collateral Flow on Single Cutoff Instantaneous Wave-Free Ratio

on Intermediate Coronary Lesions: Results From a Single-Center Registry

Shunsuke Aoi, Neil Patel, Bora Toklu, Wonkyoung Lee, John Fox, Yumiko Kanei, Mount Sinai Beth Israel, New York, NY, USA

241 - A Correlative Study of NIRS Lipid Core Burden Index Versus Histological Plaque Disease Arc in Human Coronary Autopsy Specimens

Stephanie Grainger, Jimmy Su, Cherry Greiner, Matthew Saybolt, William Pickering, Robert Wilensky, Sean Madden, Infraredx, Inc., Burlington, MA, USA, Hospital of the University of Pennsylvania, Philadelphia, PA, USA

242 - Determinants and Clinical Implication of Post Procedural Fractional Flow Reserve as a Predictor of Major Adverse Cardiac Events in Patients

Masahiro Hoshino, Taishi Yonetsu, Yoshihisa Kanaji, Eisuke Usui, Hiroaki Ohya, Yohei Sumino, Masahiro Hada, Rikuta Hamaya, Tetsumin Lee, Tsunekazu Kakuta, Tsuchiura Kyodo General Hospital, Tsuchiura-Shi, Japan

Interventional Cardiology - Poster Contributions Session #1245

Complications After Myocardial Infarction and Percutaneous Coronary Interventions
Sunday, March 11, 2018, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

243 - The Clinical Outcomes of Drug-Eluting Stent Versus Bare Metal Stent in the Treatment of Saphenous Vein Graft Lesion: An Updated Meta-Analysis of Randomized Clinical Trials

Babikir Kheiri, Mohammed Osman, Ahmed Abdalla, Sahar Ahmed, Mustafa Hassan, Ghassan Bachuwa, Hurley Medical Center and Michigan State University, Flint, MI, USA

244 - Prognostic Factors of Extracorporeal Membrane Oxygenator Therapy For Refractory Cardiogenic Shock or Cardiac Arrest in Acute Myocardial Infarction

Ki-Hyun Jeon, Pil Sang Song, Min-Jung Kim, Kyung-Hee Kim, Ji-Bak Kim, Ho-Jun Jang, Je Sang Kim, Tae Hoon Kim, Hyunjong Lee, Jin-Sik Park, Young Jin Choi, Myoung-Mook Lee, Rak Kyeong Choi, Mediplex Sejong Hospital, Incheon, South Korea

245 - Cutoff Value of the Sheath-to-Artery Ratio For Radial Artery Occlusion in Patients Undergoing Transradial Percutaneous Coronary Interventions Using Sheathless Guiding Catheters For Acute Coronary Syndrome

Tsuyoshi Isawa, Kazunori Horie, Naoto Inoue, Sendai Kousei Hospital, Sendai City, Japan

246 - Measurement of Left End Diastolic Pressure Improves Prognostic Utility of Global Registry of Acute Coronary Events Score in Patients With ST Segment Elevation Myocardial Infarction

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

247 - Myocardial Infarction in Hospitalized Patients With Cancer
Zachary Giesen, Malachy Sullivan, Anthony Gemignani, Dartmouth Hitchcock Medical Center, Lebanon, NH, USA



248 - Fragmented QRS and Mortality in Patients Undergoing Percutaneous Intervention For ST Elevation Myocardial Infarction: A Systematic Review and Meta-Analysis

Pattara Rattanawong, Wasawat Vutthikraivit, Nath Limpruttidham, Narut Prasitlunkum, Tanawan Riangwiwat, Pakawat Chongsathidkiet, University of Hawaii Internal Medicine Residency Program, Honolulu, HI, USA

249 - Nationwide Hospital Outcomes of Timed Percutaneous Coronary Intervention in Octogenarians

Armaghan Y. Soomro, Saqib Abbasi, Tahir Khan, Muhammad Rehan Raza, Victoria Teslova, Ruben Kandov, Gregory Maniatis, James Lafferty, Cindy Grines, Hofstra Northwell School of Medicine-Northwell Health, Staten Island, NY, USA, Hofstra Northwell School of Medicine-Northwell Health, Manhasset, NY, USA

250 - Mechanical Circulatory Support by Veno-Arterial Extracorporeal Membrane Oxygenation or Impella CP in a Porcine Model of Profound Cardiogenic Shock: Impact on Left Ventricular Unloading and End Organ Perfusion

Ole Kristian Møller-Helgestad, Janus Adler Hyldebrandt, Nanna Louise Junker Udesen, Ann Banke, Charlotte Svejstrup Rud, Louise Linde, Lisette Jensen, Henrik Schmidt, Hanne Berg Ravn, Jacob Møller, Odense University Hospital, Odense C, Denmark

251 - Trends in Myocardial Infarction Without Obstructive Atherosclerotic Coronary Artery Disease: Single Center Analysis From Northern New England

Farman Ullah Khan, Anna Fretz, Amy Huang, Sheila Conley, Bina Ahmed, Dartmouth Hitchcock Medical Center, Lebanon, NH, USA

252 - Mortality and Clinical Outcomes After Fibrinolysis in a Population With ST-Segment Elevation Myocardial Infarction: A Contemporary Study of the Timing of Coronary Interventions After Fibrinolysis in a Rural Population

Kristy Webster, Danette Flint, Sheila Conley, Nathaniel Niles, Dartmouth Hitchcock Medical Center, Lebanon, NH, USA

253 - Early Readmissions After Revascularization in Patients Presenting With Non-ST Elevation Myocardial Infarction

Robin Jacob, Pimprapa Vejpongsa, Kassra Poosti, Viraj Bhise, Yelin Zhao, Salman Arain, Prakash Balan, Konstantinos Charitakis, Mohammad Madjid, Nils Johnson, H. Vernon Anderson, Richard Smalling, Abhijeet Dhole, University of Texas McGovern School of Medicine, Houston, TX, USA

255 - Regional Disparities and National Trends in Mortality Rates among Cardiac Arrest Patients Managed With Extracorporeal Membrane Oxygenation

Ayush Arora, Adamantios Tsangaris, Akhtar Amin, David Song, Pratik Agrawal, Richard Hajjar, Mirela Feurdean, Alfonso Waller, James Maher, Rutgers New Jersey Medical School, Newark, NJ, USA

256 - Use of Protek Duo Tandem Heart For Percutaneous Right Ventricular Support in Various Clinical Settings: A Case Series

Charles D. Nicolais, Manish Suryapalam, Brian O'Murchu, Riyaz Bashir, Brian P. O'Neill, Rene Alvarez, Paul Forfia, Anjali Vaidya,

Jesus Gomez-Abraham, Eman Hamad, Vikas Aggarwal, Temple University Hospital, Philadelphia, PA, USA

257 - Mortality in Patients With Out-of-Hospital Cardiac Arrest Undergoing a Standardised Protocol Including Therapeutic Hypothermia

Andreas Schaefer, Florian Zauner, Jan-Thorben Sieweke, Joern Tengers, L. Christian Napp, Jens Treptau, Ulrike Flierl, Johann Bauersachs, Hannover Medical School, Hannover, Germany

258 - Coronary Flow Impairment in Dominant Coronary Atrial Branches in ST-Elevation Myocardial Infarction Patients and Atrial Arrhythmias at One-Year Follow-Up

Jose Manuel Montero, Rachid Abou, Laurien Goedemans, Martin Schlij, Jeroen J. Bax, Victoria Delgado, Leiden University Medical Center, Leiden, The Netherlands

260 - Impact of a Comprehensive System Improvement on Time to Reperfusion in Patients With In-Hospital STEMI

Chetan Huded, Kathleen Kravitz, Deborah Brosovich, Scott Hantz, Samir Kapadia, Stephen Ellis, Venu Menon, Umesh Khot, Cleveland Clinic, Cleveland, OH, USA

261 - Right Ventricle Dysfunction Predicts Cardiogenic Shock in Patients With Acute Coronary Syndrome

Abdulfattah Saidi, Elizabeth Dranow, Gregory Stoddard, James Fang, Omar Wever-Pinzon, Brigham Smith, Anu Abraham, Stavros Drakos, Homam Ibrahim, Anwar Tandar, Rhet Bennion, Prem Senthilkumar, Teshia Sorensen, Josef Stehlik, Frederick Welt, Theophilus Owan, University of Utah, Salt Lake City, UT, USA

262 - Outcomes of Cardiac Cath/PCI in Patients With AF: Insights From the ORBIT II Registry

Matthew William Sherwood, Jonathan Piccini, DaJuanicia Holmes, Karen Pieper, Gregg C. Fonarow, Peter Kowey, Bernard Gersh, Kenneth Mahaffey, Eric D. Peterson, Sunil V. Rao, Inova Heart and Vascular Institute, Falls Church, VA, USA, Duke Clinical Research Institute, Durham, NC, USA

264 - Novel Use of Digitally Integrated Map Software and Traffic Congestion Data to Improve First Medical Contact to Device Time For STEMI

Justin Cole, Richard Beare, Thanh Phan, Velandai Srikanth, Andrew MacIsaac, David Tong, Christianne Tan, Padeepa Perera, Susan Yee, Jesslyn Ho, Jamie Layland, Peninsula Health Heart Service, Melbourne, Australia, Peninsula Clinical School, Monash University, Melbourne, Australia

265 - Vasoactive Agent Use Prior to Acute Mechanical Circulatory Support For Cardiogenic Shock Is Associated With End Organ Dysfunction and Mortality

Kevin Moring, Michele Esposito, Shiva Annamalai, Robert Pedicini, Lena Jorde, Kyle Gobeil, Jaime Hernandez Montfort, Navin Kapur, Tufts Medical Center, Boston, MA, USA, Baystate Medical Center, Springfield, MA, USA

266 - Short-Term Versus Long-Term Dual Antiplatelet Therapy After Drug-Eluting Stent Implantation in Elderly Patients: A Meta-Analysis of Individual Participant Data From Six Randomized Trials

Seung-Yul Lee, Myeong-Ki Hong, Tullio Palmerini, Hyo-Soo Kim, Marco Valgimigli, Fausto Feres, Antonio Colombo, Martine Gilard,



Dong-Ho Shin, Jung-Sun Kim, Byeong-Keuk Kim, Young-Guk Ko, Donghoon Choi, Yangsoo Jang, Gregg Stone, Sanbon Hospital, Gunpo, South Korea

Interventional Cardiology - Poster Contributions Session #1246

TAVR and Complex Patient Subsets

Sunday, March 11, 2018, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

267 - Characteristics and Clinical Outcomes in Patients With Prior Chest Radiation Undergoing TAVR: Observations From the PARTNER 2 Trial and Registries

Bibhu D. Mohanty, Megan Coylewright, Yangbo Liu, Shawn X. Li, Michael Fradley, Maria Alu, Michael J. Mack, Samir Kapadia, Susheel K. Kodali, Vinod H. Thourani, Raj Makkar, Martin B. Leon, David Malenka, University of South Florida, Tampa, FL, USA, Geisel School of Medicine at Dartmouth, Lebanon, NH, USA

268 - Staged Robotically-Assisted MIDCAB and TAVR For Treatment of Concomitant Severe Aortic Stenosis and Complex Coronary Artery Disease: Single-Center Experience
Chad Kliger, Nirav Patel, Jacob Scheinerman, Derek Brinster, Jonathan Hemli, Dillon Weiss, Somsupha Kanjanathai, Efstathia Mihelis, Luigi Pirelli, Lenox Hill Heart and Vascular Institution, Northwell Health, New York, NY, USA

269 - Utilization of Dobutamine Stress Studies in Patients With Symptomatic, Severe Low-Flow/Low-Gradient Aortic Stenosis Undergoing Transcatheter Aortic Valve Replacement
Mohsin Chowdhury, Maria Trejo, Bernardo Lombo, John Forrest, Ben Lin, Lissa Sugeng, Yale University School of Medicine, New Haven, CT, USA, Yale New Haven Hospital, New Haven, CT, USA

270 - Impact of Coronary Artery Revascularization Completeness on Outcomes of Patients With Coronary Artery Disease Undergoing Transcatheter Aortic Valve Replacement: A Meta-Analysis of Studies Using the Residual SYNTAX Score
Guy Witberg, Oren Zusman, Pablo Codner, Abid Assali, Ran Kornowski, Rabin Medical Center, Petah Tikva, Israel, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel

271 - Percutaneous Coronary Intervention Is Safe Prior Transcatheter Aortic Valve Replacement
Maekal Elyasi, Vikashsingh P. Rambhujun, Giorgio A. Medranda, Paul J. Sapia, Shahidul Islam, Stephen Green, Winthrop University Hospital, Mineola, NY, USA

272 - Implications of Concomitant Tricuspid Regurgitation in Patients Undergoing Transcatheter Aortic Valve Implantation For Degenerated Surgical Aortic Bioprosthesis: Insights From Partner 2 Aortic Valve-in-Valve Registry
Janarthanan Sathananthan, Dale J. Murdoch, Brian R. Lindman, Alan Zajarias, Wael Jaber, Paul Cremer, David Wood, Anson Cheung, Jian Ye, Rebecca T. Hahn, Aaron Crowley, Martin B. Leon, Michael J. Mack, John G. Webb, Centre for Heart Valve Innovation, St. Paul's Hospital, Vancouver, Canada

273 - Aortic Root Enlargement in Redo Aortic Valve Replacement With Predicted Patient-Prosthesis Mismatch

Vincent Chauvette, Mario Senechal, Vincent Barrette, Pierre Voisine, Institut Universitaire de Cardiologie et de Pneumologie de Québec, Quebec, Canada

274 - Clinical Impact of Atrial Fibrillation Following Surgical or Transcatheter Aortic Valve Replacement in Patients at Intermediate Surgical Risk: Results From the SURTAVI Trial
Bob Kiaii, Michael Reardon, Jeffrey Popma, Patrick Serruys, Nicolas Van Mieghem, London Cardiac Institute, London, Canada

275 - Is There a Correlation Between Aortic Valve Gradient and Recovered/Improved Left Ventricular Ejection Fraction After Transcatheter Aortic Valve Replacement?
Ike Ifediji, Tamunoinemi Bob-Manuel, Mark Heckle, Rami Khouzam, Uzoma Ibebuogu, University of Tennessee Health Science Center, Memphis, TN, USA

276 - Mitral Regurgitation in Patients Undergoing Transcatheter Aortic Valve Implantation For Degenerated Surgical Aortic Bioprosthesis: Insights From Partner 2 Valve-in-Valve Registry
Dale Murdoch, Janarthanan Sathananthan, S. Chris Malaisrie, Wael Jaber, Rebecca T. Hahn, Ted Feldman, Aaron Crowley, Anson Cheung, Jian Ye, David Wood, Martin B. Leon, Michael J. Mack, John Webb, St. Paul's Hospital, Vancouver, Canada, University of British Columbia

277 - A Stratified Observational Study Evaluating the Impact and Acute Outcomes of Permanent Pacemaker Implantation in Patients Undergoing Transaortic Valve Replacement
Rajkumar Doshi, Dean H. Dexter, Perwaiz Meraj, Northwell Health, Manhasset, NY, USA

278 - Long Term Outcomes of TAVR on Paradoxical Low Flow Low Gradient Severe Aortic Stenosis
Abdulah Alrifai, Mohamad Kabach, Jesus Pino, Pradeep Dayanand, Edwin Grajeda, Swethika Sundaravell, Eduardo Venegas, Lawrence Lovitz, Mark Rothenberg, Roberto Cubeddu, Cristiano Faber, Marcos Nores, Zaher Fanari, University of Miami/JFK Medical Center, Atlantis, FL, USA, Heartland Cardiology/Wesley Medical Center, University of Kansas, Wichita, KS, USA

279 - Insights Into Periprocedural Neurological Events After Transcatheter Aortic Valve Replacement: Analysis of Stroke After Transcatheter Aortic Valve Replacement in 1521 Consecutive Patients From a Single Center
Krishna Kandregula, Kesavan Sankaramangalam, Yash Jobanputra, Kinjal Banerjee, Kanza Qaiser, Prasanna Sengodan, Zoran Popovic, Maan Fares, Lars Svensson, Stephanie Mick, Jose Navia, Amar Krishnaswamy, E. Murat Tuzcu, Samir Kapadia, Cleveland Clinic Foundation, Cleveland, OH, USA

280 - Transcatheter Aortic Valve Implantation in Nonagenarians: Long-Term Cohort Analysis From a Pioneered Center
Guillaume Avinee, Eric Durand, Sokoloff Anastasia, Christophe Tron, Nicolas Bettinger, Najime Bouhzam, Jean-Nicolas Dacher, Fabrice Bauer, Pierre-Yves Litzler, G. Alain Cribier, Helene Eltchaninoff, Rouen University Hospital, Rouen, France, INSERM U1096, Rouen, France

281 - Comparative Outcomes of Transfemoral Versus Transapical TAVI: A Propensity-Matched Analysis



Nilay Kumar, University of Wisconsin School of Medicine and Public Health, Madison, WI, USA

282 - Patient Characteristics Influencing Coronary Obstruction in Transcatheter Aortic Valve Replacement With Low Coronary Height

Angela Li, Fareed Moses Collado, Clifford Kavinsky, Marie-France Poulin, Rush University Medical Center, Chicago, IL, USA

283 - Outcomes in Patients With Severe Left Ventricular Dysfunction and Acute Decompensated Heart Failure Undergoing Emergent Trans-Catheter Aortic Valve Replacement
Swethika Sundaravel, Jesus Pino, Abdulah Alrifai, Mohamad Kabach, Edwin Grajeda, Pradeep Dayanand, Roberto Cubeddu, Eduardo Venegas, Lawrence Lovitz, Mark Rothenberg, George Daniel, Robert Chait, Eric Heller, Cristiano Faber, Marcos Nores, University of Miami/Palm Beach Regional Consortium, Atlantis, FL, USA

284 - Feasibility and Safety of Using a 29 mm EDWARDS SAPIEN 3 Valve For TAVR in Patients With Annular Area Larger Than 683mm²
Pradeep Dayanand, Abdulah Alrifai, Lawrence Lovitz, Marcos Nores, JFK Medical Center, West Palm Beach, FL, USA

285 - Predictive Value of Seattle Heart Failure Model in Patients Undergoing Transcatheter Aortic Valve Replacement
Everett Sinibaldi, Thammi Ramanan, Abhishek Sawant, Aishwarya Bhardwaj, Rosemary Hansen, Michael Pham, Charl Khalil, Ashutosh Sharma, Abhinav Kumar, Vijay Iyer, University at Buffalo, Buffalo, NY, USA

286 - The Impact of Gradient and Flow on the Outcomes of TAVR in Severe Aortic Stenosis With Preserved Left Ventricular Ejection Fraction
Mohamad Kabach, Abdulah Alrifai, Jesus Pino, Pradeep Dayanand, Edwin Grajeda, Lawrence Lovitz, Mark Rothenberg, Roberto Cubeddu, Cristiano Faber, Marcos Nores, Zaher Fanari, University of Miami/JFK Medical Center, Atlantis, FL, USA

287 - Conduction Disturbances in Transcatheter Aortic Valve Replacement: The Cost of Less Paravalvular Leak?
Giorgio Medranda, Kunal Brahmabhatt, Anjili Srivastava, Paul Sapia, Richard Schwartz, Kevin Marzo, Stephen Green, Ramesh Daggubati, New York University Winthrop Hospital, Mineola, NY, USA

288 - Aortic Regurgitation Paradox in Transcatheter Aortic Valve Replacement(TAVR)
Manik Veer, Ami Patel, Mark Doyle, Rachel Hughes-Doichev, Ramzi Khalil, Robert Biederman, Victor Farah, Allegheny Health Network, Pittsburgh, PA, USA

289 - Tricuspid Regurgitation Severity and Outcomes After Transcatheter Aortic Valve Replacement
Sabry Omar, Nirat Beohar, Steve Xydas, Angelo Lapietra, Maurice Mawad, Ivan Arenas, Mount Sinai Medical Center, Miami Beach, FL, USA

290 - Reduced Baseline Ejection Fraction Is Associated With Increased Cardiovascular Mortality After Transcatheter Aortic Valve Replacement: Results From the PARTNER II Trials
Ariel Furer, Shmuel Chen, Bjorn Redfors, Sammy Elmariah, Philippe Pibarot, Howard Herrmann, Rebecca T. Hahn, Susheel K. Kodali, Vinod H. Thourani, William Fearon, Jonathan Passeri, S. Chris Malaisrie, Thomas McAndrew, Philippe Genereux, Ori Ben-Yehuda, Martin B. Leon, Daniel Burkoff, Cardiovascular Research Foundation, New York, NY, USA, Columbia University Medical Center/New York Presbyterian Hospital, New York, NY, USA

Interventional Cardiology - Poster Contributions Session #1247

Interventional Cardiology: Cutting-Edge Translational and Pre-Clinical Research

Sunday, March 11, 2018, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

291 - A Machine Learning Model Predicts Individuals Who Improve Coronary Artery Plaque Fibrous Cap Thickness Following High-Intensity Statin Therapy
Kipp Johnson, Shameer Khader, Benjamin S. Glicksberg, Yuliya Vengrenyuk, Aparna A. Divaraniya, Li Li, Samin K. Sharma, Jagat Narula, Joel Dudley, Annapoorna Subhash Kini, Icahn School of Medicine at Mount Sinai, New York, NY, USA, The Mount Hospital, New York, NY, USA

292 - Sonoreperfusion of Microvascular Obstruction: A Step Towards Clinical Translation
Filip Istvanic, Francois Yu, Xucai Chen, Flordeliza Villanueva, John Pacella, University of Pittsburgh School of Medicine, Pittsburgh, PA, USA

293 - Super High Resolution μ OCT For Endothelial Cell Visualization in the Coronary Arteries Ex Vivo
Kensuke Nishimiya, Biwei Yin, Zhonglie Piao, Gargi Sharma, Hany Osman, Joseph A. Gardecki, Guillermo J. Tearney, Wellman Center for Photomedicine, Harvard Medical School and Massachusetts General Hospital, Boston, MA, USA

294 - Right Ventricular Papillary Muscles Approximation: Insight From Ex Vivo Functional Tricuspid Regurgitation Model
Michal Jaworek, Omar A. Pappalardo, Matteo Selmi, Guido Gelpi, Federico Lucherini, Claudia Romagnoni, Carlo Antona, Alberto Redaelli, Gianfranco B. Fiore, Emiliano Votta, Riccardo Vismara, Politecnico di Milano, Milan, Italy

295 - 3D Printed Modeling of Right Ventricle and Tricuspid Valve From CT Images For Structural Heart Interventions
Marija Vukicevic, Kinan Carlos El Tallawi, Eleonora Avenatti, Su Min Chang, Colin Barker, Stephen Little, Houston Methodist Hospital, Houston, TX, USA

296 - Development of Large Diameter Bioresorbable Stents For Congenital Heart Disease
Alan William Nugent, Tre Welch, UT Southwestern Medical Center, Dallas, TX, USA



297 - A Procedural Endpoint For Circumferential Renal Artery Denervation? Abolition of Pacing Induced Renal Artery Vasoconstriction

Pierre Cheng Qian, Michael Barry, Jim Pouliopoulos, Juntang Lu, Aravinda Thiagalingam, Stuart Thomas, Department of Cardiology, Westmead Hospital, Sydney, Australia, University of Sydney, Sydney, Australia

298 - Apabetalone (RVX-208) Modulates Epigenetic Processes in Monocytes and Endothelial Cells Affected by Diabetes Mellitus and Diet That Enhance Risk of Cardiovascular Disease (CVD)
Christopher Halliday, Laura Tsujikawa, Ewelina Kulikowski, Cyrus Calosing, Sylwia Wasiak, Dean Gilham, Jan Johansson, Mike Sweeney, Norman Wong, Resverlogix Corp., Calgary, Canada

Interventional Cardiology - Poster Contributions Session #1248

Complex Patients and Comorbidities: Hemodynamic Support and Frailty Assessment

Sunday, March 11, 2018, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

299 - Bioimpedance Phase Angle as a Biomarker for Frailty and Predictor of Mortality in Cardiac Surgery

Louis Antoine Mullie, Alexandrine O'Brand, Melissa Bendayan, Emmanuel Moss, Jean-François Morin, Yves Langlois, Felix Ma, Kevin Lachapelle, Renzo Cecere, Benoit de Varennes, Christo Tchervenkov, Lawrence Rudski, Amanda Trnkus, Jonathan Afilalo, McGill University, Montreal, Canada, Jewish General Hospital, Montreal, Canada

301 - Left Atrial Veno-Arterial Extracorporeal Membrane Oxygenation: Percutaneous Bi-Atrial Drainage to Avoid Pulmonary Edema in Patients With Left Ventricular Systolic Dysfunction
Kenneth Dulnuan, Maya Guglin, Joseph Zwischenberger, John Gurley, University of Kentucky, Lexington, KY, USA

303 - Transcatheter Aortic Valve Replacement in Oncology Patients With Aortic Stenosis

Uri Landes, Ayman Jubran, Sung-Han Yoon, Maurizio Taramasso, Marco Russo, Jan-Malte Sinning, Biasco Luigi, Giovanni Pedrazzini, Azeem Latib, Matteo Pagnesi, Corrado Tamburino, Paolo D'Arrigo, Thomas Pilgrim, Didier Tchetché, Omer Iftikhar, Johan Bosmans, Edo Bedzra, Danny Dvir, Darren Mylotte, Sabine De Bruijn, Yusuke Watanabe, Hanna Dagnegård, Susheel K. Kodali, Martin B. Leon, Ran Kornowski, Rabin Medical Center, Petach Tikva, Israel

Interventional Cardiology - Poster Contributions Session #1249

Drug Interaction During PCI

Sunday, March 11, 2018, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

305 - Impact of Acute Administration of Corticosteroids Prior to Percutaneous Coronary Angiography in Diabetic Patients With Contrast Allergy

Bashar Amr, Matthew Lippman, Nilay Patel, Patrick Tobbia, Michael Pierpoline, Tyler Buechler, Tarun Dalia, Nicholas Isom, Peter Tadros, Eric Hockstad, Mathew Earnest, Ashwani Mehta,

Mark Wiley, John Chen, Kamal Gupta, Kansas University Medical Center, Kansas City, KS, USA

306 - Effect of Intravenous Fentanyl Administration on Myocardial Injury in Patients Undergoing Percutaneous Coronary Intervention: A Sub-Analysis of the PACIFY Randomized Clinical Trial

Rohan Shah, Khalil Ibrahim, Rakesh Goli, Thomas S. Kickler, William A. Clarke, Steven Schulman, John McEvoy, Johns Hopkins University School of Medicine, Baltimore, MD, USA

307 - Dose Dependent Effect of Intravenous Fentanyl Administration on Ticagrelor Absorption and Platelet Inhibition in Patients Receiving Percutaneous Coronary Intervention: A Secondary-Analysis of the PACIFY Randomized Clinical Trial
John W. McEvoy, Rakesh R. Goli, Khalil Ibrahim, Rohan Shah, Thomas S. Kickler, William A. Clarke, Steven Schulman, Johns Hopkins University School of Medicine, Baltimore, MD, USA

Interventional Cardiology - Poster Contributions Session #1250

Left Main, Multivessel, Bifurcation Lesions: Improved Bifurcation Techniques

Sunday, March 11, 2018, 1:30 p.m. - 4:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

308 - Changes in Characteristics, Treatment Strategies, and Outcomes of Coronary Bifurcation Lesions Over Time

Duk-Woo Park, Se Hun Kang, Jung-Min Ahn, Jung-Bok Lee, Cheol Hyun Lee, Do-Yoon Kang, Pil Hyung Lee, Soo-Jin Kang, Seung-Whan Lee, Young-Hak Kim, Cheol Whan Lee, Seong-Wook Park, Seung-Jung Park, Department of Cardiology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, South Korea

309 - The Jailed Stent Balloon Technique: A Novel Coronary Bifurcation Technique

Adam Shpigiel, Marc Sintek, Jasvinder Singh, Washington University in St. Louis, St. Louis, MO, USA

310 - Usefulness of Novel Roadmap Guided Percutaneous Coronary Intervention For Bifurcation Lesions (The World's First Cases)

Hideyuki Takimura, Toshiya Muramatsu, Reiko Tsukahara, Masatsugu Nakano, Satoshi Nishio, Yukako Takimura, Takayuki Yabe, Mami Kawano, Tasuku Hada, Department of Cardiology, Tokyo General Hospital, Tokyo, Japan

Interventional Cardiology - Live Cases Session #205

Interventional Live Case Session V: Structural Transmission From Minneapolis Heart Institute

Sunday, March 11, 2018, 2:00 p.m. - 3:30 p.m.

Main Tent, Hall C

CME Hours: 1.5 /CNE Hours: 1.5

2:00 p.m.

Live Case Operator

Paul Sorajja

Minneapolis, MN

2:00 p.m.



Live Case Operator
Emmanouil S. Brilakis
Minneapolis, MN

Co-Chair: Stefan K. James
Co-Chair: David Gerard Rizik
Panelist: Saif Anwaruddin
Panelist: Suzanne Baron
Panelist: Gennaro Sardella
Panelist: E. Murat Tuzcu

Panelist: Frederick G.P. Welt
Interventional Cardiology - Scientific
Session #698

Multi-Modality Imaging for Left Atrial Appendage Closure: Pearls From the Experts

Sunday, March 11, 2018, 2:00 p.m. - 3:30 p.m.
Room 205 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Stamatios Lerakis
Co-Chair: Jacqueline W. L. Saw
Panelist: Matthew James Daniels
Panelist: Stamatios Lerakis
Panelist: Feroze Mahmood
Panelist: Matthew J. Price

2:00 p.m.
Case Presentation: LAA-O Pre-Procedural Imaging TEE
Frank E. Silvestry
Philadelphia, PA

2:05 p.m.
LAA-O: Pre-Procedural Imaging TEE... Can I Close That Appendage?
Konstantinos Koulogiannis
Morristown, NJ

2:15 p.m.
LAA-O Pre-Procedural Planning CT/MRI: What Can We Learn/How I Have Incorporated Into My Routine
Jacqueline W. L. Saw
Vancouver, Canada

2:25 p.m.
LAA-O Pre-Procedural Planning: 3D Printing
Feroze Mahmood
Boston, MA

2:35 p.m.
Intra-Procedural Imaging: TEE, ICE and Fluoro, Bringing It All Together
Matthew J. Price
La Jolla, CA

2:45 p.m.
Have We Met Release Criteria? Imaging Checklist
Frank E. Silvestry
Philadelphia, PA

2:55 p.m.
45 Day Post Procedural TEE: When Do I Have to Continue OAC

Asma Hussaini
Los Angeles, CA

3:05 p.m.
Deep Dive in the Anatomy and Embryology of the Left Atrial Appendage
Renu Virmani
Gaithersburg, MD

3:15 p.m.
Panel Discussion With Audience Question and Answer

Interventional Cardiology - Scientific
Session #699

The Good, the Bad, and the Ugly: The Best Cases and Worst Complications, and Lessons Learned

Sunday, March 11, 2018, 2:00 p.m. - 3:30 p.m.
Room 204 C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Carlo Briguori
Co-Chair: Lawrence A. Garcia
Panelist: Mauricio G. Cohen
Panelist: Andrew J. Klein
Panelist: Sahil A. Parikh

2:00 p.m.
Case Presentation: Access Disaster! Save Me!
Carlo Briguori
Naples, Italy

2:10 p.m.
Panel Discussion With Audience Question and Answer

2:15 p.m.
Case Presentation: Endovascular Perforations- Stop the Bleeding!!
Andrew J. Klein
Atlanta, GA

2:25 p.m.
Panel Discussion With Audience Question and Answer

2:30 p.m.
Case Presentation: My Best Innovative Case to Come Out on Top
Mauricio G. Cohen
Miami, FL

2:40 p.m.
Panel Discussion With Audience Question and Answer

2:45 p.m.
Case Presentation: Distal Embolization- Look Out Below (or Above)!!
Sahil A. Parikh
New York, NY

2:55 p.m.
Panel Discussion With Audience Question and Answer

3:00 p.m.
Case Presentation: My Best Combined Access Case to Overcome Long Occlusive PVD



Nelson L. Bernardo
Washington, DC

3:10 p.m.
Panel Discussion With Audience Question and Answer

3:15 p.m.
Case Presentation: My Best or Worse Carotid Case
Prakash Krishnan
Rye Brook, NY

3:25 p.m.
Panel Discussion With Audience Question and Answer

Interventional Cardiology - Scientific Session #700
Debates in Percutaneous Mechanical Support for Cardiogenic Shock: Joint Symposium by the Society of Cardiovascular Angiography and Interventions and the American College of Cardiology
Sunday, March 11, 2018, 2:00 p.m. - 3:30 p.m.
Room 203 A
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Cindy L. Grines
Co-Chair: Susanna Price
Panelist: Sripal Bangalore
Panelist: Perwaiz M. Meraj
Panelist: Sandeep Nathan
Panelist: Arnold H. Seto

2:00 p.m.
Cardiogenic Shock: Where Are We in 2018?
Judith S. Hochman
New York, NY

2:00 p.m.
Debate Pro: Intra-Aortic Balloon Pump- Still a Role for My Old Friend?
Thomas D. Stuckey
Greensboro, NC

2:00 p.m.
Debate Con: Intra-Aortic Balloon Pump- Still a Role for My Old Friend?
Holger Thiele
Leipzig, Germany

2:00 p.m.
Panel Discussion With Audience Question and Answer

2:00 p.m.
Debate: If IABP Is Out, What Should I Use for Isolated LV Failure? - Impella
Thomas Tu
Louisville, KY

2:00 p.m.
Debate: If IABP Is Out, What Should I Use for Isolated LV Failure? - Tandem
Biswajit Kar
Houston, TX

2:00 p.m.
Panel Discussion With Audience Question and Answer

2:00 p.m.
Why Fool Around, Shouldn't We Just Use ECMO?
Hari Mallidi
Boston, MA

2:00 p.m.
Devices for the Failing RV
Navin Kapur
Hanover, MA

2:00 p.m.
Panel Discussion With Questions and Answer

Interventional Cardiology - Scientific Session #701
Percutaneous Approach to the Mitral Valve: REPAIR or REPLACE- That Is the Question!
Sunday, March 11, 2018, 2:00 p.m. - 3:30 p.m.
Room 202 C
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Howard C. Herrmann
Co-Chair: Samin K. Sharma
Panelist: Ted Feldman
Panelist: D. Scott Lim
Panelist: Konstantinos S. Spargias

2:00 p.m.
Cases and Evidence to Show Success and Failure of MitraClip for Functional MR Based on Patient Selection
Ted Feldman
Evanston, IL

2:10 p.m.
Panel Discussion With Audience Question and Answer

2:15 p.m.
Cases of TMVR When Repair Is Unlikely to Work, Which Patients Should We Target for TMVR?
Michael J. Mack
Plano, TX

2:25 p.m.
Panel Discussion With Audience Question and Answer

2:30 p.m.
Cases of MitraClip When TMVR Was an Option - Why Not TMVR?
D. Scott Lim
Charlottesville, VA

2:40 p.m.
Panel Discussion With Audience Question and Answer

2:45 p.m.
When to Use Percutaneous Annuloplasty - Case Based Explanation
Gian Paolo Ussia
Rome, Italy

2:55 p.m.
Panel Discussion With Audience Question and Answer



3:00 p.m.

Three Difficult Anatomies for MitraClip in Degenerative MR
Samir R. Kapadia
Cleveland, OH

3:10 p.m.

Panel Discussion With Audience Question and Answer

3:15 p.m.

Cases of Complications of MitraClip and Review of the Literature
Saibal Kar
Los Angeles, CA

3:25 p.m.

Panel Discussion With Audience Question and Answer

Interventional Cardiology - Moderated Poster Contributions

Session #1268M

Intravascular Imaging: Novel Techniques and Insights in PCI

Sunday, March 11, 2018, 3:45 p.m. - 4:30 p.m.

Interventional Cardiology Moderated Poster Theater,
Poster Hall, Hall A/B

CME Hours: /CNE Hours:

ACC Poster Moderator: Farouc A. Jaffer

ACC Poster Moderator: Eric A. Osborn

3:45 p.m.

Impact of Periprocedural Myocardial Biomarker Elevation on Mortality Following Percutaneous Coronary Intervention: A Pooled Patient-Level (n=13452) Analysis of Contemporary Stent Trials
Hector Manuel Garcia Garcia, Eugene McFadden, Clemens von Birgelen, Tessa Rademaker-Havinga, Neal Kleiman, David Cohen, Kevin Kennedy, E. Camenzind, Laura Mauri, Philippe Steg, William Wijns, Sigmund Silber, Gerrit-Anne van Es, Patrick Serruys, Stephan Windecker, Donald Cutlip, Pascal Vranckx, MedStar Washington Hospital Center, Washington, DC, USA

3:55 p.m.

Question and Answer

4:00 p.m.

Efficacy of Intravascular Ultrasound-Guided Percutaneous Coronary Intervention in Patients With Diabetes Mellitus and Chronic Kidney Disease
Ryota Sato, Kenji Sakamoto, Seiji Hokimoto, Suguru Nagamatsu, Takayoshi Yamashita, Shuichi Oshima, Ryusuke Tsunoda, Koichi Nakao, Toshiyuki Matsumura, Kazuteru Fujimoto, Hideki Shimomura, Yasuhiro Izumiya, Sunao Kojima, Hisao Ogawa, Koichi Kaikita, Kenichi Tsujita, Kumamoto University, Kumamoto, Japan

4:10 p.m.

Question and Answer

4:15 p.m.

Procedural and One-Year Outcomes in Patients Treated With Rotational Versus Orbital Atherectomy With Mechanistic Insights Using Optical Coherence Tomography

Naotaka Okamoto, Hiroshi Ueda, Samit Bhatheja, Yuliya Vengrenyuk, Melissa Aquino, Samaneh Rabiei, Nitin Barman, Joseph Sweeny, Vishal Kapur, Choudhury Hasan, Javed Suleman, Roxana Mehran, Usman Baber, Annapoorna Subhash Kini, Samin K. Sharma, Mount Sinai Hospital and the Icahn School of Medicine at Mount Sinai, New York, NY, USA

4:25 p.m.

Question and Answer

Interventional Cardiology - Live Cases

Session #206

Interventional Live Case Session VI: Structural/Vascular Transmission From OhioHealth Riverside Methodist

Sunday, March 11, 2018, 4:45 p.m. - 6:00 p.m.

Main Tent, Hall C

CME Hours: 1.25 /CNE Hours: 1.25

4:45 p.m.

Live Case Operator
Steven J. Yakubov
Columbus, OH

4:45 p.m.

Live Case Operator
Gary M. Ansel
Columbus, OH

Co-Chair: George D. Dangas

Co-Chair: Sunil V. Rao

Panelist: Pedro R. Cox-Alomar

Panelist: Peter L. Duffy

Panelist: Vijayalakshmi Kunadian

Panelist: Sahil A. Parikh

Panelist: Nicolas M. Van Mieghem

Panelist: Jose M. Wiley

Interventional Cardiology - Late-Breaking Clinical Trials

Session #407

Featured Clinical Research II: Interventional

Sunday, March 11, 2018, 4:45 p.m. - 6:00 p.m.

Room 202 C

CME Hours: /CNE Hours:

Chair: Akshay K. Khandelwal

Co-Chair: Judith S. Hochman

Panelist: Elliott M. Antman

Panelist: Joshua A. Beckman

Panelist: Andrew P. Miller

Panelist: Margo B. Minissian

Panelist: Jorge Plutzky

4:45 p.m.

Lower Risk of Cardiovascular Events and Death Associated with Initiation of SGLT-2 Inhibitors versus Other Glucose Lowering Drugs - Real World Data Across Three Major World Regions with More Than 400,000 Patients: The CVD-REAL 2 Study
Mikhail Kosiborod, Carolyn Lam Su Ping, Shun Kohsaka, Daejung Kim, Avraham Karasik, Jonathon Shaw, Navdeep Tangri, Marcus Thuresson, Peter Fenici, the CVD-REAL Investigators and Study Group, Saint Luke's Mid America Heart Institute, Kansas City, MO, USA, AstraZeneca



4:55 p.m.

Panel Discussion

5:00 p.m.

Canagliflozin For Prevention Of Heart Failure In Type 2 Diabetes: Results From The CANVAS Program

Gemma Figtree, Karin Rådholm, Scott Solomon, Kenneth W. Mahaffey, Vlado Perkovic, Dick De Zeeuw, Greg Fulcher, Tao Sun, Ngozi Erondue, Terrance D. Barrett, Mehul Desai, David R. Matthews, Bruce Neal, CANVAS Program collaborative group, Janssen Research & Development, LLC, Raritan, NJ, USA

5:10 p.m.

Panel Discussion

5:15 p.m.

ADCY9 Genetic Variants and Cardiovascular Outcome with Evacetrapib

Steven E. Nissen, Sreekumar G. Pillai, Stephen Nicholls, Kathy Wolski, Jeffrey Riesmeyer, Govinda Weerakkody, Ellen McErlean, Pallav Bhatnagar, Giacomo Ruotolo, A. Michael Lincoff, Cleveland Clinic, Cleveland, OH, USA

5:25 p.m.

Panel Discussion

5:30 p.m.

Cardiovascular Efficacy of Canakinumab Among Patients with Chronic Kidney Disease: Analyses from the CANTOS Trial

Paul M. Ridker, Brendan Everett, Jan Hein Cornel, Jean MacFadyen, Wolfgang Koenig, Peter Libby, Tom Thuren, Robert Glynn, on behalf of the CANTOS Investigators, Brigham and Women's Hospital, Boston, MA, USA, Harvard Medical School, Boston, MA, USA

5:40 p.m.

Panel Discussion

5:45 p.m.

High Mortality after Major Adverse Limb Events in Peripheral Artery Disease: Results from the COMPASS trial

Sonia Anand, John Eikelboom, Jackie Bosch, Stuart Connolly, Keith Fox, Salim Yusuf, COMPASS Investigators, Population Health Research Institution, Hamilton, Canada, McMaster University, Hamilton, Canada

5:55 p.m.

Panel Discussion

Interventional Cardiology - Scientific Session #713

Walking the Fine Line: High Bleeding Risk Patient and Bleeding Avoidance Strategies

Sunday, March 11, 2018, 4:45 p.m. - 6:00 p.m.

Room 205 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Javier Escaned

Co-Chair: Roxana Mehran

Panelist: Sammy Elmariah

Panelist: Giuseppe De Luca

Panelist: C. Michael Gibson

Panelist: Roberta Rossini

4:45 p.m.

Case Presentation: A Patient at High Bleeding Risk and CAD - Real Patient, Real Dilemmas in Management

Duane S. Pinto
Boston, MA

4:50 p.m.

Part I: Bleeding Avoidance Strategies - Stent Choices

4:50 p.m.

Leader Programs
Mitchell W. Krucoff
Durham, NC

4:55 p.m.

XIENCE Short DAPT Programs
Roxana Mehran
New York, NY

5:00 p.m.

Onyx Short DAPT Programs
Gregg W. Stone
New York, NY

5:05 p.m.

EVOLVE Short DAPT Programs
Ajay J. Kirtane
New York, NY

5:10 p.m.

COBRA REDUCE
Perwaiz M. Meraj
Manhasset, NY

5:20 p.m.

Panel Discussion With Audience Question and Answer

5:30 p.m.

Part II: Bleeding Avoidance Strategies - DAPT Solutions

5:30 p.m.

Drop ASA
Usman Baber
New York, NY

5:35 p.m.

REDUCE Duration
Giuseppe De Luca
Novara, Italy

5:40 p.m.

Switch Therapies
Francesco Franchi
Jacksonville, FL

5:45 p.m.

Use NOACs
C. Michael Gibson
Boston, MA

5:50 p.m.

Panel Discussion With Audience Question and Answer



Interventional Cardiology - Scientific Session #714

Tarot Cards and Trials: Predicting the Outcomes and Implications of Ongoing RCTs

Sunday, March 11, 2018, 4:45 p.m. - 6:00 p.m.

Room 204 C

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Suzanne Baron

Co-Chair: David J. Cohen

Panelist: Eric R. Bates

Panelist: Donald E. Cutlip

Panelist: Robert A. Harrington

Panelist: Theodore A. Bass

4:45 p.m.

Case Presentation: Top Ongoing Structural Trials

Howard C. Herrmann

Philadelphia, PA

4:54 p.m.

Panel Discussion With Audience Question and Answer

4:57 p.m.

Case Presentation: Top Ongoing Interventional Pharma Trials

Robert A. Harrington

Stanford, CA

5:06 p.m.

Panel Discussion With Audience Question and Answer

5:09 p.m.

Case Presentation: Top Ongoing Coronary Interventional Trials

David J. Cohen

Kansas City, MO

5:18 p.m.

Panel Discussion With Audience Question and Answer

5:21 p.m.

Case Presentation: Top Ongoing Vascular Trials

Jeffrey W. Olin

New York, NY

5:31 p.m.

Panel Discussion With Audience Question and Answer

5:34 p.m.

Case Presentation: Top Ongoing Heart Failure Trials

Faiez Zannad

Toul, 54201, France

5:44 p.m.

Panel Discussion With Audience Question and Answer

5:47 p.m.

Case Presentation: Top Ongoing Electrophysiology Trials

Vivek Yerrapu Reddy

New York, NY

5:57 p.m.

Panel Discussion With Audience Question and Answer

Interventional Cardiology - Scientific Session #715

DAPT: How to Choose, Which Drug, for How Long, and in Which Setting?

Sunday, March 11, 2018, 4:45 p.m. - 6:00 p.m.

Room 203 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Lloyd W. Klein

Co-Chair: Michelle L. O'Donoghue

Panelist: Dominick J. Angiolillo

Panelist: Stefan K. James

Panelist: Elvin Kedhi

Panelist: Mary P. Schoenbaum

4:45 p.m.

What is your *usual* practice regarding duration of DAPT therapy after stent placement? What is your *usual* practice regarding DAPT when it is necessary for the patient to be on anticoagulants?

Lloyd W. Klein

Chicago, IL

4:50 p.m.

Case Presentation: How Long to Continue DAPT in Patients After Elective Stenting

Mazen Albaghdadi

Brookline, MA

4:50 p.m.

Expert Overview: How Long to Continue DAPT in Patients After Elective Stenting

Stefanie Schüpke (nee Schulz)

Munich, Germany

4:58 p.m.

Panel Discussion With Audience Question and Answer

5:03 p.m.

Case Presentation: DAPT Duration in Patient With Acute Coronary Syndrome

Eric Alexander Secemsky

Boston, MA

5:08 p.m.

Expert Overview: How Long to Continue DAPT in Patients With Acute Coronary Syndrome

Marc Steven Sabatine

Boston, MA

5:16 p.m.

Panel Discussion With Audience Question and Answer

5:21 p.m.

Case Presentation: DAPT Duration in Patient With Atrial Fibrillation Undergoing PCI

Xiaoyu Yang-Giuliano

Boston, MA

5:26 p.m.

Expert Overview: How Long to Continue DAPT in Patients With Atrial Fibrillation Undergoing PCI



Dominick J. Angiolillo
Jacksonville, FL

5:34 p.m.
Panel Discussion With Audience Question and Answer

5:39 p.m.
Debate: Cangelor and Then Prasugrel or Ticagrelor Should be First Line
Laura Mauri
Boston, MA

5:47 p.m.
Debate: A Clopidogrel Strategy Is Adequate for Most
Rui Campante Carvalho Ferreira Teles
1300-255 Lisboa, Portugal

5:55 p.m.
Panel Discussion With Audience Question and Answer

Interventional Cardiology - Boot Camp
Session #302
Fellows Bootcamp: Interventional Basics
Monday, March 12, 2018, 8:00 a.m. - 9:30 a.m.
Room 202 C
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Mauricio G. Cohen
Co-Chair: Mina Madan
Panelist and FIT Moderator: Laura Davidson
Panelist and FIT Moderator: Sahil Khera

8:00 a.m.
Small and Large Bore Femoral Access
Zoltan G. Turi
Hackensack, NJ

8:12 a.m.
Panel Discussion With Audience Question and Answer

8:15 a.m.
Transradial Intervention
Samir B. Pancholy
Clarks Summit, PA

8:27 a.m.
Panel Discussion With Audience Question and Answer

8:30 a.m.
Interventional Pharmacology
Dominick J. Angiolillo
Jacksonville, FL

8:42 a.m.
Panel Discussion With Audience Question and Answer

8:45 a.m.
FFR/IVUS/OCT
Eric A. Osborn
Boston, MA

8:57 a.m.
Panel Discussion With Audience Question and Answer

9:00 a.m.
Basics of Stent Design
Steven R. Bailey
San Antonio, TX

9:12 a.m.
Panel Discussion With Audience Question and Answer

9:15 a.m.
Quality and Reporting for Fellows
Dmitriy N. Feldman
New York, NY

9:27 a.m.
Panel Discussion With Audience Question and Answer

Interventional Cardiology - Scientific
Session #724
MR Assessment and Management - Evidence Based
Approach With Case Discussions
Monday, March 12, 2018, 8:00 a.m. - 9:30 a.m.
Room 203 A
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Francesco Maisano
Co-Chair: Patrick M. McCarthy
Panelist: Ted Feldman
Panelist: Paul A. Grayburn
Panelist: Brian P. Griffin
Panelist: Samir R. Kapadia

8:00 a.m.
Case Based Approach to Symptomatic Patient With Moderate MR,
HFPEF, Mild CAD in SR
Ted Feldman
Evanston, IL

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

8:15 a.m.
Case Based Approach to Asymptomatic Patient With Severe MR,
Normal LV, Normal PAP
Amar Krishnaswamy
Cleveland, OH

8:25 a.m.
Panel Discussion With Audience Question and Answer

8:30 a.m.
Case Based Approach to Symptomatic Patient With Severe
Functional MR, Low EF, Failed CRT, Non Ischemic Cardiomyopathy
Paul A. Grayburn
Dallas, TX

8:40 a.m.
Panel Discussion With Audience Question and Answer

8:45 a.m.
Case Based Approach to Symptomatic Patient With Severe MR,
Normal LV, Chronic AF and Dilated LA



Sherif F. Nagueh
Houston, TX

8:55 a.m.

Panel Discussion With Audience Question and Answer

9:00 a.m.

Case Based Approach to Symptomatic Patient With Recurrent MR After CABG and Mitral Valve Repair for Functional MR
Issam A. Mikati
Chicago, IL

9:10 a.m.

Panel Discussion With Audience Question and Answer

9:15 a.m.

Case Based Approach to Symptomatic Patient With Significant MR After Mitraclip for Functional MR and Low EF
Konstantinos S. Spargias
Athens, Greece

9:25 a.m.

Panel Discussion With Audience Question and Answer

Interventional Cardiology - Oral Contributions

Session #910

The 2018 Top 6 Structural and Peripheral Challenging Cases

Monday, March 12, 2018, 8:00 a.m. - 9:30 a.m.

Room 204 C

CME Hours: 1.5 /CNE Hours: 1.5

ACC Co-Chair: Anita W. Asgar

ACC Co-Chair: Kreton Mavromatis

Panelist: Santiago Garcia

Panelist: Mario Goessl

8:00 a.m.

Transcaval Percutaneous Thoracic Aneurysm Repair
Zaher Fanari, Nilesh Goswami, Jeffrey Goldstein, Prairie Heart Institute, Springfield, IL, USA, Heartland Cardiology and Wesley Medical Center, Wichita, KS, USA

8:10 a.m.

Panel Discussion

8:15 a.m.

Patient Specific Computer Simulation to Guide Percutaneous Aortic Valve Replacement in a Patient With a Previous Starr-Edwards Mitral Valve Prosthesis: 55 Years of Valve Technology in 1 Case

Daniel Obaid, David Smith, Christopher D. Roche, Saeed Ashraf, Michael Gilbert, Alexander Chase, Morrilton Hospital, Swansea, United Kingdom, Swansea University Medical School, Swansea, United Kingdom

8:25 a.m.

Panel Discussion

8:30 a.m.

Hybrid Closure of Apical Post-Infarction VSD

Richard Lee, Chandan Devireddy, Vasilis C. Babaliaros, Matthew Klopman, Chadwick Stouffer, Hope Caughron, Supawat Ratanapo, Robert A. Guyton, Emory University, Atlanta, GA, USA

8:40 a.m.

Panel Discussion

8:45 a.m.

Left Atrial Appendage Exclusion Device Associated Thrombus Leading to Massive Systemic Embolization
Amitabh C. Pandey, Paul Gibbs, Elizabeth Kaback, Elliott Groves, Scripps Clinic, La Jolla, CA, USA, The Scripps Translational Science Institute, La Jolla, CA, USA

8:55 a.m.

Panel Discussion

9:00 a.m.

Annular Rupture During Transcatheter Aortic Valve Replacement: Novel Treatment With Amplatzer Vascular Plugs
Mohamad Adnan Alkhouli, Elizabeth Carpenter, Fahad Alqahtani, Abdul Tarabishy, Lawrence Wei, Vinay Badhwar, Partho Sengupta, West Virginia University, Morgantown, WV, USA

9:10 a.m.

Panel Discussion

9:15 a.m.

Trans-Catheter Embolization For Ruptured Renal Artery Aneurysm With Microscopic Polyangiitis Using a.m.PLATZER Vascular Plugs
Shigetaka Kageyama, Shizuoka City Shizuoka Hospital, Shizuoka, Japan

9:25 a.m.

Panel Discussion

Interventional Cardiology - Poster Contributions

Session #1285

Coronary Intervention: Adjunctive Devices, Instant Restenosis and Mortality Predictors

Monday, March 12, 2018, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

223 - A Comparison of Intracoronary Brachytherapy in the Drug-Eluting Versus Bare Metal Stent Era

John Wagener, Michael Johnson, Amr Essa, Jay Ciezki, Sheen Cherian, Ravi Nair, Russell Raymond, Samir Kapadia, Stephen Ellis, Cleveland Clinic Foundation, Cleveland, OH, USA

224 - The LDL/ApolipoproteinB Ratio Could Be an Effective Predictor of the Neointimal Characteristics After Everolimus-Eluting Stent Implantation

Naotaka Akutsu, Division of Cardiology, Department of Medicine Nihon University School of Medicine, Tokyo, Japan

225 - Outcomes of Coronary Atherectomy With and Without Percutaneous Ventricular Assist Device: A Propensity Matched Analysis

Rupak Desai, Bhruvash Shah, Rushik Bhuva, Upenkumar Patel, Malav Patel, Rajesh Sachdeva, Gautam Kumar, Emory University



School of Medicine and Atlanta VA Medical Center, Atlanta, GA, USA

226 - Gender Disparities With the Use of Percutaneous Left Ventricular Assist Device in Patients Undergoing Percutaneous Coronary Intervention Complicated by Cardiogenic Shock: From pLVAD Working Group

Rajkumar Doshi, Krishin Shivdasani, Shani Varghese, Krunalkumar Patel, Devina Singh, Mohit Singh, Karanbir Singh, Daksh Vora, Varun Jauhar, Ayush Goel, Tejal Aurora, Sumaiyah Siddiqui, Perwaiz Meraj, Northwell Health, Manhasset, NY, USA

227 - Non-STEMI Complicated by Cardiogenic Shock Requiring Percutaneous Mechanical Support Have Worse Outcomes
Shailendra Singh, Dimple Shah, Evelina Grayver, Alexander Lee, Cindy Grines, North Shore University Hospital, Hofstra School of Medicine, Manhasset, NY, USA

228 - Contemporary Trends in the Use of IABP and Percutaneous Ventricular Assist Devices in Females With Acute Myocardial Infarction
Konstantinos V. Voudris, Mladen Vidovich, University of Illinois at Chicago/Advocate Christ Medical Center, Oak Lawn, IL, USA, University of Illinois at Chicago, Chicago, IL, USA

229 - Safety of Same-Day Discharge After Percutaneous Coronary Intervention With Orbital Atherectomy
Evan Shlofmitz, Allen Jeremias, Michael Lee, Alec Goldberg, Elizabeth Haag, Richard Shlofmitz, St. Francis Hospital, Roslyn, NY, USA, Cardiovascular Research Foundation, New York, NY, USA

230 - Orbital Atherectomy For Treatment of Complex Severely Calcified Coronary Artery Lesions: Insights From a Veterans Affairs Cohort
Robert Sturm, Ann Behrens, Brad Martinsen, Javier Valle, Stephen Waldo, Ehrin J. Armstrong, Denver Veterans Affairs Medical Center, Denver, CO, USA

231 - Adjunctive Effect of Excimer Laser Coronary Angioplasty For Treatment of In-Stent Restenosis With Drug-Coated Balloon
Junji Mastuda, Japan Red Cross Saitama Hospital, Saitama, Japan

232 - Impact of Neoatherosclerosis Observed at More Than 3 Years After Drug-Eluting Stent Implantation on Subsequent Adverse Events
Yohei Sumino, Taishi Yonetsu, Yoshihisa Kanaji, Eisuke Usui, Masahiro Hoshino, Hiroaki Ohya, Masahiro Hada, Tadashi Fukuda, Rikuta Hamaya, Yoshinori Kanno, Tsunekazu Kakuta, Tsuchiura Kyodo General Hospital, Tsuchiura-Shi, Japan

233 - Drug Eluting Stents Versus Bare Metal Stents in Saphenous Vein Graft Intervention: An Updated Meta-Analysis of Randomized Trials
Varunsiri Atti, Nileshkumar J. Patel, Chirag Bavishi, Avnish Tripathi, Nikhil Nalluri, Mauricio G. Cohen, Annapoorna S. Kini, Samin K. Sharma, Deepak L. Bhatt, George Dangas, Michigan State University, East Lansing, MI, USA, University of Miami, Miami, FL, USA

Interventional Cardiology - Poster Contributions Session #1286

Interventional Cardiology: Structural Heart Disease

Monday, March 12, 2018, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

235 - Patent Foramen Ovale Closure or Medical Therapy For Cryptogenic Stroke: Meta-Analysis of Randomized Trials
Tom Kai Ming Wang, Michael Tzu Ming Wang, Peter Ruygrok, Auckland City Hospital, Auckland, New Zealand, University of Auckland, Auckland, New Zealand

236 - Feasibility and Effectiveness of First-in-Human Percutaneous Balloon Mitral Valvuloplasty Under Echocardiographic Guidance Only
Xiangbin Pan, Yao Liu, Fuwai Hospital & National Center for Cardiovascular Disease, Beijing, People's Republic of China

237 - Outcomes After Transcatheter Tricuspid Valve-in-Valve Therapy Versus Re-Do Isolated Surgical TVR in Patients With Previous Tricuspid Bioprosthetic Valves
Norihiko Kamioka, Hope Caughron, Stamatios Lerakis, Altayyeb Yousef, Patrick Gleason, James Stewart, Chandan Devireddy, Bradley Leshnower, Robert A. Guyton, Peter Block, Vasilis C. Babaliaros, Emory University, Atlanta, GA, USA

238 - Persistent Pulmonary Hypertension After Balloon Mitral Valvuloplasty
Manuel Durairaj, Hammad Mommin, Salil Vaidya, C. M. Makhale, Sunil Sathe, Purvez Grant, Ruby Hall Clinic, Pune, India

239 - Rapid Ventricular Pacing During Transcatheter Valve Procedures Using an Internal Device and Programmer: A Demonstration of Feasibility
Yash Jobanputra, Brandon Jones, Amar Krishnaswamy, Stephanie Mick, Mandeep Bhargava, Bruce Wilkoff, Samir Kapadia, Cleveland Clinic, Cleveland, OH, USA

240 - Atrial Fibrillation Is Associated With Higher Rates of Death and Heart Failure Hospitalizations in Patients Undergoing MitraClip: Outcomes From the TVT Registry
Sameer Arora, Sreekanth Vemulapalli, Amanda Stebbins, Cassandra Ramm, Andrzej Kosinski, Zehra Husain, Alice Wang, Thomas Caranasos, Matthew Cavender, John Vavalle, University of North Carolina, Chapel Hill, NC, USA, Duke University, Durham, NC, USA

241 - Repeat Pulmonary Valve Replacement: Similar Intermediate-Term Outcomes Between Surgical and Transcatheter Procedures
Hope Caughron, Norihiko Kamioka, Dennis Kim, Stamatios Lerakis, Altayyeb Yousef, Aneasha Maini, Shawn Reginald, Anurag Sahu, Subhadra Shashidharan, Maan Jokhadar, Fred Rodriguez, Wendy Book, Michael McConnell, Peter Block, Vasilis C. Babaliaros, Emory University School of Medicine, Atlanta, GA, USA

242 - Activity Tracking Devices as Innovative Monitoring Strategy After Percutaneous Repair of Tricuspid and Mitral Regurgitation
Thomas Stocker, Daniel Braun, Mathias Orban, Felicitas Scheck, Andrea Englmaier, Diana Roesler, Michael Nabauer, Steffen



Massberg, Joerg Hausleiter, Medizinische Klinik und Poliklinik I, Klinikum der Universität München, Munich, Germany

Interventional Cardiology - Poster Contributions

Session #1287

Pharmacologic and Non-Pharmacologic Updates in Cardiovascular Disease

Monday, March 12, 2018, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

243 - Clinical Significance of Plaque Rupture and Vascular Remodeling in Acute Myocardial Infarction Assessed by Optical Coherence Tomography and Intravascular Ultrasound
Masahiro Hoshino, Taishi Yonetsu, Yoshihisa Kanaji, Eisuke Usui, Masahiro Hada, Hiroaki Ohya, Yohei Sumino, Rikuta Hamaya, Tetsumin Lee, Yoshinori Kanno, Tadashi Fukuda, Tsunekazu Kakuta, Tsuchiura Kyodo General Hospital, Tsuchiura-Shi, Japan

244 - Clinical Significance of Lipid-Rich Plaque With Intact Fibrous Cap Defined by Optical Coherence Tomography in Acute Myocardial Infarction
Masahiro Hoshino, Taishi Yonetsu, Yoshihisa Kanaji, Eisuke Usui, Hiroaki Ohya, Yohei Sumino, Rikuta Hamaya, Masahiro Hada, Tetsumin Lee, Tsunekazu Kakuta, Tsuchiura Kyodo General Hospital, Tsuchiura-Shi, Japan

245 - Role of Galectin 3, Ng2 and Cystatin C in Risk Assessment in the Setting of Acute Coronary Syndrome
Slayman Nabih Obeid, Arnold von Eckardstein, Ruben Loretz, Andrea Denegri, Fiona Koestler, Roland Klingenberg, Baris Gencer, Francois Mach, Lorenz Raber Rüber, Stephan Windecker, David Nanchen, Frank Ruschitzka, Felix Tanner, Christian Matter, Thomas F. Luscher, University Hospital of Zurich, Zurich, Switzerland

246 - The Effect of Cangrelor Versus Ticagrelor on Platelet Activity, Coronary Micro-Circular Function and Infarct Size in Patients Suffering Acute ST-Segment Elevation Myocardial Infarction Treated With Primary Percutaneous Coronary Intervention: A Randomized Controlled Trial
Salahaddin Ubaid, Tom Ford, Colin Berry, Saib Khogali, Benjamin Wrigley, Shahzad Munir, Joe Martins, Rumi Jaumdally, Vincent Amoah, Nazish Khan, Townend Jon, Elisa McAlindon, James Cotton, Heart and Lung Centre, The Royal Wolverhampton Hospital, Wolverhampton, United Kingdom, Golden Jubilee Hospital, Glasgow, United Kingdom

247 - One-Year Clinical Outcomes of High-intensity Versus Moderate to Low-Intensity Statin Therapy in Patients With Acute Myocardial Infarction: Propensity-Score Matching Analysis
Jung-Hee Lee, Byungchul Son, Ung Kim, Chan-Hee Lee, Jang-Won Son, Jong-Seon Park, Dong-Gu Shin, Yeungnam University Medical Center, Daegu, South Korea

248 - Anemia and Periprocedural Drop in Hemoglobin as a Risk Factor For Contrast-Induced Acute Kidney Injury in Patients Undergoing Coronary Angiogram (CA) and/or Percutaneous Coronary Intervention (PCI)

Jayakumar Sreenivasan, Min Zhuo, Muhammad Khan, Setri Fugar, Heyi Li, Parth Desai, Axi Patel, Ahmed Kolkailah, Neha Yadav, John H. Stroger Hospital of Cook County, Chicago, IL, USA

250 - Impact of Chronic Kidney Disease (CKD) on In-Hospital and 3-Year Clinical Outcomes in Patients With Acute Myocardial Infarction (AMI) Treated by Contemporary PCI and Optimal Medical Therapy (OMT): Insights From the J-MINUT Study
Yukio Ozaki, Koichi Nakao, Kazuo Kimura, Ako Jynya, Teruo Noguchi, Satoshi Yasuda, Hiroshi Takahashi, Kunihiro Nishimura, Yoshihiro Miyamoto, Masaharu Ishihara, Fujita Health University Hospital, Fujita Health University School of Medicine, Toyoake, Japan, Saiseikai Kumamoto Hospital, Kumamoto, Japan

251 - Icosapent Ethyl (Eicosapentaenoic Acid Ethyl Ester) Reduces Potentially Atherogenic Lipid, Lipoprotein, Apolipoprotein, and Inflammatory Parameters in High-Risk, Statin-Treated Patients With Persistent Elevated Triglycerides and High-Sensitivity C-Reactive Protein: A Post Hoc Subanalysis of the ANCHOR Study
Michael Miller, Christie Ballantyne, Harold Bays, Craig Granowitz, Ralph Doyle, Rebecca Juliano, Sephy Philip, Amarin Pharma Inc., Bedminster, NJ, USA

252 - Coronary Atrial Branch Occlusion During Primary Percutaneous Coronary Intervention in ST-Elevation Myocardial Infarction and Association With Atrial Arrhythmias at One-Year Follow-Up

Jose Manuel Montero, Rachid Abou, Laurien Goedemans, Martin Schali, Nina Ajmone Marsan, Jeroen J. Bax, Victoria Delgado, Leiden University Medical Center, Leiden, The Netherlands

253 - Acute Effects of Cardiac Surgery on 25 (OH) Vitamin D (VitD) Levels and Response to VitD Supplementation: Primary Results of the ASSESS-D Study

J. Brent Muhlestein, John R. Doty, Donald Lappe, Kirk Knowlton, Heidi May, Tyler Barker, John Carlquist, Kristin Konery, Shannon Inglet, Ben Chisum, Viet T. Le, Oxana Galenko, Jeffrey Anderson, Intermountain Medical Center, Salt Lake City, UT, USA, University of Utah, Salt Lake City, UT, USA

254 - Influence of Continuous Sinusoidal Stent Design on Irregular Protrusion and Arterial Healing of Culprit Lesions in Patients With Acute Coronary Syndrome (CSI: ACC Study)

Daisuke Izumi, Kohei Unno, Hiromasa Ito, Itaru Goto, Katsuyuki Tone, Shigetoshi Sakabe, Masahide Horiguchi, Takeshi Takamura, Ken-Ichi Maeno, Tetsuya Seko, Atsunobu Kasai, Japanese Red Cross Ise Hospital, Ise, Japan

255 - Fractional Flow Reserve and Instantaneous Wave-Free Ratio to Guide Coronary Artery Bypass Grafting

John Moscona, Jason Stencel, Gregory Milligan, Christopher Salmon, Rohit Maini, Paul Katigbak, Ryan Nelson, Sudesh Srivastav, Owen Mogabgab, Rohan Samson, Thierry Le Jemtel, Tulane University School of Medicine, New Orleans, LA, USA

256 - Effect of Potent P2Y₁₂ Inhibitors on Safety and Efficacy of Bivalirudin Compared to Heparin in Acute Coronary Syndrome: A Meta-Analysis of Randomized Controlled Trials



Aakash Garg, Sunil V. Rao, Amit Rout, Mohammad Thawabi, Najam Wasty, Marc Cohen, Newark Beth Israel Medical Center, Newark, NJ, USA

257 - Inhibitory Mechanisms of Very Low Dose Rivaroxaban in Non-ST-Elevation Myocardial Infarction

Tobias Geisler, Patrick Muenzer, Nada Alnaggar, Sascha Geue, Roland Tegtmeier, Dominik Rath, Michal Droppa, Peter Seizer, Stefan Heitmeier, Johan W. M. Heemskerk, Lisa Jennings, Robert Storey, Dominick Angiolillo, Bianca Rocca, Henri Spronk, Hugo Ten Cate, Meinrad Gawaz, Oliver Borst, University Hospital Tuebingen, Tuebingen, Germany

258 - Comparison of High Shear Stress-Induced Thrombotic and Thrombolytic Effect Between Aspirin, Clopidogrel and Very Low Dose Rivaroxaban and Aspirin, Ticagrelor Treatments in Patients With Acute Coronary Syndrome

Minsuk Kim, Kang Si-Hyuk, Jin Joo Park, Young-Seok Cho, Tae-Jin Youn, In-Ho Chae, Jung-Won Suh, Seoul National University Bundang Hospital, Seung-Nam, South Korea

259 - Readmissions Among Patients Admitted With Acute Coronary Syndrome Associated With Spontaneous Coronary Artery Dissection

Shantanu Patil, Mahek Shah, Brijesh Patel, Ulrich Jorde, St. Mary's Hospital, St. Louis, MO, USA

260 - Bivalirudin With Post-Procedure Infusion Versus Heparin Without Glycoprotein IIb/IIIa Inhibitors For the Prevention of Stent Thrombosis: A Meta-Analysis

Rahman Shah, Abigail Shell, Amina Chaudhry, Asra Butt, Kirstin Hesterberg, VA Memphis, Memphis, TN, USA, UTHSC, Memphis, TN, USA

261 - Effect of Preprocedural Heparin Administration on Bivalirudin-Based Anticoagulation Strategy During Primary Percutaneous Coronary Intervention: A Network Meta-Analysis

Rahman Shah, Mannu Nayyar, Beatrix Ramos Bondy, Amina Chaudhry, Arsa K. Butt, Abigail Shell, Kelly Rogers, UTHSC, Memphis, TN, USA

263 - High Wall Shear Stress in the Proximal Segments of Hemodynamically Significant Coronary Lesions Is Independently Predictive of Subsequent Myocardial Infarction: A Mechanistic Sub-Study of the FAME II trial

Arnav Kumar, Elizabeth Thompson, Emily Davis, David Molony, Nikita Chand, Hee S. Lee, Adrien Lefieux, Bill Gogas, Jon Suh, Yi-An Ko, Daniel Molloy, Stephane Fournier, Anastasios Milkas, Alessandro Veneziani, Don Giddens, Bernard D. Bruyne, Habib Samady, Emory University School of Medicine, Atlanta, GA, USA

264 - Sex Differences in the Clinical Presentation of Spontaneous Coronary Artery Dissection (SCAD) at Massachusetts General Hospital

M. Ihsan Kaadan, Francesca Ponzini, Shelly Mishra, Jessica Duran, Sarah Tsiasas, Brian Ghoshhajra, Mark Lindsay, Malissa Wood, Massachusetts General Hospital, Boston, MA, USA

265 - Dual Antiplatelet Therapy or Oral Anticoagulation Reduces the Incidence of Acute Coronary Syndromes in Patients With Coronary Artery Ectasia

Prasad C. Gunasekaran, Taylor Drees, John Fritzlen, Megan Haghnegahdar, Matthew Earnest, Ashwani Mehta, Eric Hockstad, Mark Wiley, Peter Tadros, Buddhadeb Dawn, Kamal Gupta, University of Kansas, Kansas City, KS, USA

266 - Etiologies and Trends of 90-Day Readmissions After Spontaneous Coronary Artery Dissection (SCAD): A National Population-Based Cohort Study

Byomesh Tripathi, Fnu Hafeez Hassan, Michael Viray, Jasmin Martinez Castellanos, Emiliana Franco Ladron De Guevara, Saima Dean, Harshil Shah, Sanjog Kalra, Raphael Bonita, Aman Amanullah, Jon George, Gregg Pressman, Vincent Figueredo, Einstein Medical Center, Philadelphia, PA, USA

Interventional Cardiology - Poster Contributions

Session #1288

TAVR and Outcomes

Monday, March 12, 2018, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

267 - Hemodynamic Durability of Transcatheter Aortic Valves Using the Updated Valve Academic Research Consortium-2 Criteria

Arnav Kumar, Kimi Sato, Vivek Menon, Kinjal Banerjee, Jyoti Narayanswami, Jorge Betancor, Divyanshu Mohanane, Abhishek Sawant, Abdur Khan, Anil Kumar Reddy Anumandla, Amar Krishnaswamy, E. Murat Tuzcu, Wael Jaber, Stephanie Mick, Lars Svensson, Eugene Blackstone, Zoran Popovic, Samir Kapadia, Cleveland Clinic Foundation, Cleveland, OH, USA

268 - Change in Left Ventricular Systolic Wall Stress Predicts Heart Failure Readmissions in Patients Undergoing Transcatheter Aortic Valve Replacement

Nikhil Agrawal, Abhishek Sawant, Aishwarya Bhardwaj, Thammi Ramanan, Rosemary Hansen, Everett Sinibaldi, Priya Sadawarte, Ankush Lahoti, Arnav Kumar, Kimi Sato, Kalaimani Elango, Tanvi Shah, Stanley Fernandez, Umesh Sharma, Vijay Iyer, The State University of New York at Buffalo, Buffalo, NY, USA

269 - Association of Impaired Left Ventricular Global Longitudinal Strain With Maladaptive Left Ventricular Remodelling and Prognosis in Severe Aortic Stenosis After Aortic Valve Replacement

Elise Mara Vollema, Arnold Ng, Nina Marsan, Jeroen J. Bax, Victoria Delgado, Leiden University Medical Centre, Leiden, The Netherlands

270 - Transcatheter Valve-in-Valve Replacement Versus Redo Aortic Valve Surgery For Bioprosthetic Aortic Valve Dysfunction: A Meta-Analysis

Saroj Neupane, Hemindermeet Singh, Johannes Lämmer, Hussein Othman, Hiroshi Yamasaki, Howard Rosman, Eduardo Bossone, Rajendra Mehta, Holger Eggebrecht, St. John Hospital and Medical Center, Detroit, MI, USA, Cardioangiologisches Center Bethanien (CCB) and AGAPLISION Bethanien Hospital, Frankfurt, Germany

271 - Acute Change in Myocardial Deformation Does Not Predict Heart Failure Readmission After TAVR Among Patients With a Low Flow Low Gradient Physiology



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

272 - Myocardial Contractility Predicts Symptomatic Improvement Across All Flow-Gradient Patterns of Aortic Stenosis After Transcatheter Aortic Valve Replacement

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

273 - The Prognostic Value of Computed Tomography Frailty Measures For Prolonged Hospital Stay After TAVR in 429 Patients
Eva Maret, Martin Willeminck, Kegan Moneghetti, Juyong Kim, Francois Haddad, Yukari Kobayashi, Craig Miller, Alan Yeung, Michael Fishbein, William Fearon, Dominik Fleischmann, Stanford University School of Medicine, Stanford, CA, USA

274 - Echocardiography Derived Predictors of Long-Term Outcomes After TAVR

Zaher Fanari, Mohammad Al-Akchar, Hadi Mahmalji, Jennifer Nicholson, Kurt Heil, John Gill, Shalish Nandish, Nilesh Goswami, Gregory Mishkel, Jeffrey Goldstein, Prairie Heart Institute, Springfield, IL, USA, Heartland Cardiology and Wesley Medical Center, Wichita, KS, USA

275 - The Reduction of Left Ventricular Mass Is Smaller in Patients With Low Pressure Gradient Severe Aortic Stenosis After Transcatheter Aortic Valve Implantation

Nobuyuki Enzan, Ken-Ichi Hiasa, Shunji Hayashidani, Oi Keiji, Takeshi Arita, Hiromichi Sonoda, Akira Shiose, Tsutsui Hiroyuki, Kyusyu University, Fukuoka, Japan

276 - Outcomes and Society of Thoracic Surgeons Risk Score: A Subanalysis of the REPRISE III Randomized Clinical Trial

Michael Reardon, Christopher Meduri, Raj Makkar, Tanvir Bajwa, Axel Linke, Dean Kereiakes, Ron Waksman, Vinod H. Thourani, Steven J. Yakubov, Wesley Pederson, Bruce Rutkin, John Wang, Dominic Allocco, Ian Meredith, Ted Feldman, Neil Kleiman, Houston Methodist DeBakey Heart and Vascular Center, Houston, TX, USA

277 - Hemodynamic and Echocardiographic Comparison at 1 Year of the Lotus and CoreValve Transcatheter Aortic Valves in High and Extreme Surgical Risk Patients: An Analysis From the REPRISE III Randomized Controlled Trial

Federico M. Asch, Mani Vannan, Siddharth Singh, Bijoy Khandheria, Stephen Little, Dominic Allocco, Ian Meredith, Ted Feldman, Michael Reardon, Neil Weissman, MedStar Health Research Institute, Washington, DC, USA

278 - Associations Between Valve Type and Outcomes in Women Undergoing Transcatheter Aortic Valve Replacement: Results From the WIN-TAVI Registry

A. Sonia Petronio, Alaide Chieffo, Julinda Mehilli, Jaya Chandrasekhar, Samantha Sartori, Michela Faggioni, Cristina Giannini, Usman Baber, Thierry Lefevre, Patrizia Presbitero, Piera Capranzano, Didier Tchetché, Alessandro Iadanza, Gennaro Sardella, Nicolas Van Mieghem, Emanuele Meliga, Nicolas Dumonteil, Chiara Fraccaro, Daniela Trabattoni, Ghada Mikhail,

Clayton Snyder, Samin K. Sharma, Madhav Sharma, Marie Morice, Roxana Mehran, Cardiothoracic Department, Cisanello Hospital, Pisa, Italy, Mount Sinai Hospital, New York, NY, USA

279 - Acute Systolic Dysfunction Immediately Following Valve Deployment in TAVR: When Should Gradients Be Evaluated Following Transcatheter Aortic Valve Replacement

Gerard Daly, Nathan Riddell, Michael Maysky, Caroline Zahm, Gemini Yesodharan, Joseph Carrozza, St. Elizabeth's Medical Center, Boston, MA, USA

280 - Red Cell Distribution Width as an Independent Predictor of Mortality in Patients Undergoing Transcatheter Aortic Valve Implantation in a Large, Long-Term Cohort

Yishay Szekely, Ariel Finkelstein, Naama Galli, Amir Halkin, Shmuel Bazan, Shmuel Banai, Yaron Arbel, Tel Aviv Sourasky Medical Center, Tel Aviv Yafo, Israel

281 - The American College of Cardiology: Transcatheter Aortic Valve Replacement Risk Calculator Accurately Predicts Heart Failure Readmissions and Quality of Life Outcomes

Thammi Ramanan, Abhishek Sawant, Aishwarya Bhardwaj, Rose Hansen, Everett Sinibaldi, Michael Pham, Charl Khalil, Ashutosh Sharma, Abhinav Kumar, Vijay Iyer, University at Buffalo, Buffalo, NY, USA

282 - Immediate Changes in Echocardiographic Parameters of Right Heart Function After Transcatheter Aortic Valve Replacement

Tonusri Nag, Yogita Rochlani, Mohammed Hasan Khan, Pratik Mondal, George Jolly, Amanda Lloji, Tanya Dutta, Hasan Ahmad, Gilbert Hin-Lung Tang, Westchester Medical Center, Valhalla, NY, USA

283 - Utility of an Additive Frailty Tests Score For Mortality Risk Assessment Following Transcatheter Aortic Valve Replacement
Ron Waksman, Kyle Buchanan, Arik Steinvil, Elizabeth Bond, M. Chadi Alraies, Micaela Iantorno, Deepakraj Gajanana, Toby Rogers, Linzhi Xu, Rebecca Torguson, Petros Okubagzi, Itsik Ben-Dor, Lowell Satler, MedStar Washington Hospital Center, Washington, DC, USA

284 - Impact and Predictors of Paravalvular Regurgitation Following Implantation of the Fully Repositionable and Retrievable Lotus Transcatheter Aortic Valve: Results From the REPRISE III Randomized Controlled Trial

Daniel O'Hair, Vivek Rajagopal, Axel Linke, Dean Kereiakes, Ron Waksman, Vinod H. Thourani, Nicolas Dumonteil, Robert Hodson, Jeffrey Southard, John Harrison, Samir Kapadia, Dominic Allocco, Ian Meredith, Michael Reardon, Ted Feldman, Aurora St. Luke's Medical Center, Milwaukee, WI, USA

285 - Comparative Performance of VARC-2 and BARC Bleeding Criteria in Predicting Clinical Outcomes After Transcatheter Aortic Valve Replacement

Adrian DaSilva-DeAbreu, Yelin Zhao, Astrid Serauto-Canache, Bader Aldeen Alhafez, Prakash Balan, Pranav Loyalka, Biswajit Kar, Richard Smalling, H. Vernon Anderson, Abhijeet Dhoble, Salman Arain, The University of Texas Health Science Center at Houston, Houston, TX, USA



286 - Comparison of Hemodynamic Trends Between Subtypes of Aortic Stenosis Following TAVR

Theodore Curran, Vishesh Kumar, Jiyong Lee, Hannah Chaudry, Shawn Li, Bruce Andrus, James Devries, Dartmouth-Hitchcock Medical Center, Lebanon, NH, USA, Dartmouth Geisel School of Medicine, Hanover, NH, USA

287 - Valve in Valve Transcatheter Aortic Valve Implantation Versus Redo Surgical Aortic Valve Replacement in Failing Bioprosthetic Valves: An Updated Meta-Analysis

Nikhil Nalluri, Varunsiri Atti, Varun Kumar, Abdullah B. Munir, Deepak Asti, Samer Saouma, Sainath Gaddam, Mandeep Randhawa, Mohammad Zgheib, Boutros Karam, Jonathan Spagnola, Roman Royzman, Ruben Kandov, Frank Tamburrino, Gregory Maniatis, James Lafferty, Chad Kliger, Hofstra Northwell School of Medicine at Staten Island University Hospital, New York, NY, USA, Hofstra Northwell School of Medicine at Lenox Hill Hospital, New York, NY, USA

288 - Clinical Outcomes in Transcatheter Aortic Valve Replacement Recipients Without Electrocardiographic Evidence of Left Ventricular Hypertrophy

Michael Francke, Efstratios Koutroumpakis, Dena Hayes, Emily Xiao, Robert Zhang, Tarek Ibrahim, Mikhail Torosoff, Albany Medical Center, Albany, NY, USA

289 - Review of Clinical and Perioperative Risk Factors For Sudden Cardiac Arrest During Transcatheter Aortic Valve Replacement Procedures

Ravi Rao, Van La, Brian Agbor-Etang, Prabhdeep Sethi, Ashish Mukherjee, Saint Bernardine Medical Center, San Bernardino, CA, USA

290 - Temporal Society of Thoracic Surgery Score Changes Influence Risk Classification For Patients Undergoing Aortic Valve Replacement

Ron Waksman, Toby Rogers, Rebecca Torguson, Linzhi Xu, Jiaxiang Gai, Joelle Salmon, Lowell Satler, Paul Corso, MedStar Washington Hospital Center, Washington, DC, USA

Interventional Cardiology - Poster Contributions Session #1289

Emerging Ideas in Vascular Access and Complications

Monday, March 12, 2018, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

291 - Mynxgrip Vascular Closure Device Is Safe and Effective For Hemostasis of Percutaneous Transfemoral Venous Access Closure

Ron Waksman, Itsik Ben-Dor, Toby Rogers, Rebecca Torguson, Kyle Buchanan, M. Chadi Alraies, Micaela Iantorno, Deepakraj Gajanana, Mun Hong, Lowell Satler, Petros Okubagzi, William Suddath, Washington Hospital Center, Washington, DC, USA

292 - Axillary Artery as Alternative Access For Mechanical Circulatory Support Devices: Technique and Outcomes From a High Volume Center

Alap R. Jani, Nimrod Blank, Tamam Mohamad, Mahir Elder, Theodore Schreiber, Amir Kaki, DMC Heart Hospital, Detroit, MI, USA, Wayne State School of Medicine, Detroit, MI, USA

293 - Feasibility of Transcaval Access For the Delivery of Mechanical Circulatory Support in Cardiogenic Shock

Majed Afana, Mahmoud Altawil, Mir Basir, Mohammad Alqarqaz, Khaldoun Alaswad, Marvin Eng, William W. O'Neill, Robert Lederman, Adam Greenbaum, Henry Ford Health System, Detroit, MI, USA

294 - A New Percutaneous Technique For Effective Vascular Access Site Closure in Patients Undergoing Transfemoral Aortic Valve Implantation (TAVI) and Thoraco-abdominal Aortic Aneurysm Repair (TAAR)

Gurbhej Singh, Sorropago Giovanni, Andrea Demarchi, Gioacchino Valenti, Antonio Sorropago, Valerio Stefano Tolva, Filippo Scalise, Policlinico di Monza, Monza, Italy

295 - Utility of Percutaneous Transaxillary Access For Peripheral Vascular Procedures and Interventions

Mohammad Thawabi, Rajiv Tayal, Amer Hawatmeh, Marc Cohen, Najam Wasty, Newark Beth Israel Medical Center, Newark, NJ, USA

296 - Identification and Private Notification of Percutaneous Coronary Intervention Outcome Outliers in California

William J. Bommer, Beate Danielsen, Joseph Carey, Suresh Ram, Jason H. Rogers, California Cardiac Surgery Intervention Project (CCSIP), University of California, Davis, Davis, CA, USA

297 - Role of Metabolic Manipulator Trimetazidine in limiting Percutaneous Coronary Intervention Associated Myocardial Injury
Paurush Ambesh, Danish H. Kazmi, Aditya Kapoor, Archana Sinha, Roopali Khanna, Sudeep Kumar, Naveen Garg, Satyendra Tewari, Pravin Goel, Maimonides Medical Center, New York, NY, USA, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow, India

298 - Impact of Sleep Deprivation on Percutaneous Coronary Intervention

Ann Iverson, Larissa Stanberry, Ross Garberich, Amber Antos, Yader Sandoval, Peter Tajti, M. Nicholas Burke, Ivan Chavez, Mario Goessl, Timothy Henry, Daniel Lips, Michael Mooney, Anil Poulouse, Paul Sorajja, Jay Traverse, Yale Wang, Steven Bradley, Emmanouil Brilakis, Minneapolis Heart Institute Foundation at Abbott Northwestern Hospital, Minneapolis, MN, USA

Interventional Cardiology - Poster Contributions Session #1290

Complex Patients and Comorbidities: Impact of Traditional Risk Factors

Monday, March 12, 2018, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

299 - Clinical Outcomes of Different Contemporary Drug-Eluting Stents in Patients With and Without Diabetes Mellitus: Multigroup Propensity-Score Analysis Using Data From the Stent-Specific, Multi-Center, Prospective Registries

Duk-Woo Park, Osung Kwon, Jung-Bok Lee, Cheol Hyun Lee, Do-Yoon Kang, Pil Hyung Lee, Jung-Min Ahn, Soo-Jin Kang, Seung-Whan Lee, Young-Hak Kim, Cheol Whan Lee, Seong-Wook Park, Seung-Jung Park, Department of Cardiology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, South Korea



300 - Outcomes of Diabetic Patients Undergoing PCI With Contemporary Drug-Eluting Stents: Analysis From the BIONICS Study

Maayan Konigstein, Ori Ben-Yehuda, Gidon Perlman, Melek Ozgu Ozan, Michael Love, Pieter Smits, Shmuel Banai, Martin B. Leon, Gregg Stone, David Kandzari, Cardiovascular Research Foundation, New York, NY, USA

301 - Relationship Between the Prognostic Nutritional Index and Long-Term Clinical Outcomes in Patients With Stable Coronary Artery Disease

Mitsuhiro Takeuchi, Hideki Wada, Tomotaka Dohi, Shuta Tsuboi, Manabu Ogita, Takatoshi Kasai, Shinya Okazaki, Kikuo Isoda, Satoru Suwa, Katsumi Miyauchi, Hiroyuki Daida, Juntendo University Graduate School of Medicine, Tokyo, Japan

302 - Associations Between Diabetes Mellitus and Outcomes With the Combo Bio-Engineered Stent: From the Mascot Post-Marketing Registry

Jaya Chandrasekhar, Antonio Colombo, Melissa Aquino, Tiong Kiam Ong, Zhen Ge, Serdar Farhan, Michael Kang Yin Lee, Andres Iniguez, Lauren Joyce, Clayton Snyder, Samantha Sartori, Usman Baber, Debbie Morrell, Francesca Elmore, Stephen Rowland, Roxana Mehran, Icahn School of Medicine at Mount Sinai, New York, NY, USA

303 - Triglycerides ≥ 150 mg/dL Associated With Greater Risk of Cardiovascular Events, Costs and Resource Utilization in High-Risk Statin-Treated Patients With Controlled Low-Density Lipoprotein Cholesterol: A Real-World Analysis

Peter Toth, Craig Granowitz, Michael Hull, Djibril Liassou, Amy Anderson, Sephy Philip, Optum, Eden Prairie, MN, USA

304 - Long-Term Renal Function Worsens in High Cardiovascular Risk Patients With High Triglycerides and Well-Controlled Low-Density Lipoprotein Cholesterol in a Real-World Analysis

Peter Toth, Craig Granowitz, Michael Hull, Djibril Liassou, Amy Anderson, Sephy Philip, Optum, Eden Prairie, MN, USA

Interventional Cardiology - Poster Contributions Session #1291

Contrast Nephropathy

Monday, March 12, 2018, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

305 - Risk of Contrast Induced Nephropathy in Patients With Double Exposure of Contrast Agent Within Short Interval
Yunzhao Hu, Meijun Li, Yuli Huang, Jianhua Lu, Shunde Hospital, Southern Medical University, Foshan, People's Republic of China

306 - A Novel Tool For Pre-Procedural Risk Stratification For Contrast-Induced Nephropathy and Associations Between Hydration Volume and Clinical Outcomes Following Coronary Angiography at Different Risk Levels

Pengyuan Chen, Yong Liu, Shiqun Chen, Ying Xian, Jiyan Chen, Ning Tan, Guangdong Cardiovascular Institute, Guangzhou, People's Republic of China

307 - A New Standard For Ultra-Low Dose of Contrast With the Use of Automatic Injector Specialized Algorithm in Coronary Procedures

Maheedhar Gedela, Filip Oleszak, Udit Bhatnagar, Shenjing Li, Chirag Desai, Jeffrey Wilson, Tomasz Stys, Adam Stys, Sanford Cardiovascular Institute, Sioux Falls, SD, USA

Interventional Cardiology - Poster Contributions Session #1292

Left Main, Multivessel, Bifurcation Lesions: Role of Invasive and Non-Invasive Assessments

Monday, March 12, 2018, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

308 - Fractional Flow Reserve Derived From Computed Tomography Angiography in Patients With Complex Coronary Artery Disease: Feasibility and Validation of the Non-Invasive Functional SYNTAX Score

Carlos A. Collet, Yosuke Miyazaki, Nicola Ryan, Jeroen Sonck, Bernard Cosyns, Taku Asano, Javier Escaned, Adrian Banning, Vasim Farooq, Giovanni Luigi De Maria, Yoshinobu Onuma, Antonio Bartorelli, Daniele Andreini, Patrick Serruys, Academic Medical Center, Amsterdam, The Netherlands

309 - In-Hospital Outcome of Intravascular Ultrasound During Percutaneous Coronary Intervention of a Bifurcation Lesion: ANALYSIS FROM NATIONAL INPATIENT SAMPLE (NIS)

Gursukhmandeep Sidhu, Samir Pancholy, Qasim Malik, The Wright Center for Graduate Medical Education, Scranton, PA, USA

310 - Predictors of Left Main Coronary Artery Stent Dimensions: An EXCEL Trial Intravascular Ultrasound Substudy

Akiko Fujino, Akiko Maehara, Gary Mintz, Adrian Banning, Béla Merkely, Imre Ungi, Ad J. van Boven, Manu Prabhakar, Zixuan Zhang, Arie Pieter Kappetein, Joseph F. Sabik, Patrick W. Serruys, Gregg Stone, Cardiovascular Research Foundation, New York, NY, USA

Interventional Cardiology - Moderated Poster Contributions

Session #1311M

CTO PCI: Ischemia Relief and Health Status

Monday, March 12, 2018, 9:45 a.m. - 10:30 a.m.

Interventional Cardiology Moderated Poster Theater, Poster Hall, Hall A/B

CME Hours: /CNE Hours:

ACC Poster Moderator: Mir Babar Basir

ACC Poster Moderator: James Aaron Grantham

9:45 a.m.

Percutaneous Coronary Intervention in Patients With Previous Coronary Artery Bypass Graft Surgery: Insights From a Multicenter Registry

Peter Tajti, Dimitrios I. Karpaliotis, Khaldoon Alaswad, Farouc Jaffer, Robert Yeh, Mitul Patel, Ehtisham Mahmud, James Choi, M. Nicholas Burke, Anthony Doing, Catalin Toma, Barry Uretsky, Elizabeth Holper, David Kandzari, Nicholas Lembo, Santiago Garcia, Oleg Krestyaninov, Dmitrii Khelinskii, Michalis Koutouzis, Jeffrey Moses, Ajay Kirtane, Ziad Ali, Bavana Rangan, Subhash



Banerjee, Emmanouil Brilakis, Minneapolis Heart Institute, Abbott Northwestern Hospital, Minneapolis, MN, USA

9:55 a.m.
Question and Answer

10:00 a.m.
Application of the Hybrid Approach For Percutaneous Coronary Interventions For Chronic Total Occlusions: Update From an International Multicenter Registry
Peter Tajti, Dimitrios I. Karpaliotis, Khaldoon Alaswad, Farouc Jaffer, Robert Yeh, Mitul Patel, Ehtisham Mahmud, James Choi, M. Nicholas Burke, Anthony Doing, Catalin Toma, Barry Uretsky, Elizabeth Holper, David Kandzari, Nicholas Lembo, Santiago Garcia, Oleg Krestyaninov, Dmitrii Khelinskii, Michalis Koutouzis, Jeffrey Moses, Ajay Kirtane, Ziad Ali, Bavana Rangan, Subhash Banerjee, Emmanouil Brilakis, Minneapolis Heart Institute, Abbott Northwestern Hospital, Minneapolis, MN, USA

10:10 a.m.
Question and Answer

10:15 a.m.
Impact of Subintimal Plaque Modification Procedures on Health Status After Unsuccessful Chronic Total Occlusion Angioplasty
Taishi Hirai, James Aaron Grantham, James Sapontis, David Cohen, Steven P. Marso, William L. Lombardi, Dimitrios I. Karpaliotis, Jeffrey Moses, William Nicholson, Ashish Pershad, R. Michael Wyman, Tony Spaedy, Stephen Cook, Parag Doshi, Robert Federici, Karen Nugent, Kensey Gosch, John Spertus, Adam Salisbury, Saint Luke's Mid America Heart Institute, Kansas City, MO, USA, University of Chicago Medical Center, Chicago, IL, USA

10:25 a.m.
Question and Answer

Interventional Cardiology - Late-Breaking Clinical Trials Session #409
Late-Breaking Clinical Trials: Interventional
Monday, March 12, 2018, 10:45 a.m. - 11:45 a.m.
Main Tent, Hall C
CME Hours: /CNE Hours:

Chair: Duane S. Pinto
Chair: Roxana Mehran
Panelist: Marie D. Gerhard-Herman
Panelist: Cindy L. Grines
Panelist: Ajay J. Kirtane
Panelist: Gregg W. Stone
Panelist: John J. Warner

10:45 a.m.
A Phase II Randomized Double-Blind, Placebo Controlled Study in Patients with Critical Limb Ischemia to Evaluate the Safety and Efficacy of hSDF-1 plasmid (JVS-100) Post Open or Endovascular Revascularization to Enhance Wound Healing
Mehdi H. Shishehbor, Mathew Bunte, John Rundback, Leslie Miller, Parag Patel, Saihari Sadanandan, Michael Fitzgerald, Joseph Pastore, Vikram Kashyap, University Hospitals, Cleveland, OH, USA

10:55 a.m.

Panel Discussion

11:00 a.m.
Device Closure Versus Medical Therapy for Secondary Prevention in Cryptogenic Stroke Patients with High-Risk Patent Foramen Ovale
Jae-Kwan Song, Pil Hyung Lee, Seung-Jung Park, Jong-Min Song, Duk-Hyun Kang, Byung Joo Sun, Jeong Yoon Jang, Heo Ran, Seung-Ah Lee, Sun U. Kwon, Dong-Wha Kang, Jong S. Kim, Jae-Hyeong Park, Lee Jae-Hwan, Asan Medical Center, Seoul, South Korea

11:10 a.m.
Panel Discussion

11:15 a.m.
SMART-DATE: Safety of 6-Month Duration of Dual Antiplatelet Therapy After Percutaneous Coronary Intervention in Patients With Acute Coronary Syndromes
Hyeon Cheol Gwon, Joo-Yong Hahn, Young Bin Song, Joo Myung Lee, Deok-Kyu Cho, Taek Kyu Park, Ju-Hyeon Oh, Jin Bae Lee, Joon-Hyung Doh, Sang-Hyun Kim, Heong Hoon Yang, Jin-Ho Choi, Seung-Hyuk Choi, Sang Hoon Lee, Samsung Medical Center, Seoul, South Korea

11:25 a.m.
Panel Discussion

11:30 a.m.
Interim Report on the ANNEXA-4 Study: Andexanet For Reversal of Anticoagulation in Factor Xa - Associated Acute Major Bleeding
Stuart Connolly, Mark Crowther, Truman J. Milling, John Eikelboom, C. Michael Gibson, Andrew Demchuk, Patrick Yue, Michele Bronson, Genmin Lu, Pamela Conley, Peter Verhamme, Jeannot Schmidt, Saskia Middeldorp, Alexander (ander) Cohen, Jan Beyer-Westendorf, Pierre Albaladejo, Jose Lopez-Sendon, Shelly Goodman, Janet Leeds, Deborah Siegal, Elena Zotova, Brandi Meeks, Juliet Nakamya, John Curnutte, Population Health Research Institute, McMaster University, Hamilton, Canada

11:40 a.m.
Panel Discussion

Interventional Cardiology - Boot Camp Session #303
Fellows Bootcamp: Structural Heart Disease Management
Monday, March 12, 2018, 10:45 a.m. - 12:15 p.m.
Room 202 C
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Megan Coylewright
Co-Chair: Molly Szerlip
Panelist and FIT Moderator: M. Chadi Alraies
Panelist and FIT Moderator: Vikas Singh

10:45 a.m.
TAVR: Past Present and Future
Tamim Nazif
New Rochelle, NY

10:57 a.m.
Panel Discussion With Audience Question and Answer



11:00 a.m.
Setting up a Structural Program, Pre and Post Procedural Care and Quality
Andrew Michael Goldsweig
Omaha, NE

11:12 a.m.
Panel Discussion With Audience Question and Answer

11:15 a.m.
Intraprocedural Imaging for the Structural Interventionalist
Jonathan Passeri
Arlington, MA

11:27 a.m.
Panel Discussion With Audience Question and Answer

11:30 a.m.
PFOs: To Close or Not
John D. Carroll
Aurora, CO

11:42 a.m.
Panel Discussion With Audience Question and Answer

10:45 a.m.
Percutaneous Mitral Valve Therapies and PV Leaks
Paul Sorajja
Minneapolis, MN

11:57 a.m.
Panel Discussion With Audience Question and Answer

12:00 p.m.
Transeptal Technique for Mitraclip and LAA Closure
Raoul Bonan
Carlsbad, CA

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

Interventional Cardiology - Scientific Session #737

Novel Approaches for Tricuspid Valve Regurgitation: A Case Based Discussion

Monday, March 12, 2018, 10:45 a.m. - 12:15 p.m.
Room 204 C
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Steven F. Bolling
Co-Chair: Susheel K. Kodali
Panelist: Ankur Kalra
Panelist: Suzanne Baron
Panelist: Alaide Chieffo
Panelist: Duane S. Pinto

10:45 a.m.
Spacer Approach to TR - Cases of Success and Failure
Patrick M. McCarthy
Chicago, IL

10:55 a.m.

Panel Discussion With Audience Question and Answer

11:00 a.m.
Annular Cinching - Cases and Evidence
Susheel K. Kodali
New York, NY

11:10 a.m.
Panel Discussion With Audience Question and Answer

11:15 a.m.
Transcatheter Valve Replacement (VIV or Native Valve)- Cases and Evidence
Duane S. Pinto
Boston, MA

11:25 a.m.
Panel Discussion With Audience Question and Answer

11:30 a.m.
Valves in Vena Cava - Is That a Solution?
Brian P. O'Neill
Philadelphia, PA

11:40 a.m.
Panel Discussion With Audience Question and Answer

11:45 a.m.
MitraClip for TR - How, When and Why
Brijeshwar Singh Maini
Delray Beach, FL

11:55 a.m.
Panel Discussion With Audience Question and Answer

12:10 p.m.
Panel Discussion With Audience Question and Answer

12:13 p.m.
Take Home Messages
Susheel K. Kodali
New York, NY

Interventional Cardiology - Scientific Session #754

Highway to the Danger Zone: Interventional Complications
Monday, March 12, 2018, 10:45 a.m. - 12:15 p.m.
Room 203 A
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Antonio Colombo
Stephan Windecker
Panelist: Olivier F. Bertrand
Panelist: Bernardo Cortese
Panelist: Ruby Satpathy
Panelist: Giuseppe Tarantini

10:45 a.m.
Case Presentation: Access Site Misadventure Requiring Surgery
Eugenia Nikolsky
Haifa, Israel

10:55 a.m.



Panel Discussion With Audience Question and Answer

11:03 a.m.

Case Presentation: Coronary Heroics
Bernardo Cortese
Pisa, Italy

11:13 a.m.

Panel Discussion With Audience Question and Answer

11:21 a.m.

Case Presentation: Did That Really Happen? Vascular Complication
Binita Shah
New York, NY

11:31 a.m.

Panel Discussion With Audience Question and Answer

11:39 a.m.

Case Presentation: That's Not Good: Structural Procedure Complication
Ciro Indolfi
Catanzaro, Italy

11:49 a.m.

Panel Discussion With Audience Question and Answer

11:57 a.m.

Case Presentation: Can You Get Another Attending- Cardiac Arrest During Procedure
Antonio Colombo
Milan, Italy

12:07 p.m.

Panel Discussion With Audience Question and Answer

Interventional Cardiology - Self-Assessment

Session #817

Test Your Knowledge: ABIM 2017-2018 Update in Interventional Cardiology

Monday, March 12, 2018, 12:15 p.m. - 2:45 p.m.

Room 304 G

CME Hours: 2.5 /CNE Hours: 2.5

Chair: Gautam Kumar

12:15 p.m.

Faculty
Ajay J. Kirtane
New York, NY

12:15 p.m.

Faculty
Akshay K. Khandelwal
Detroit, MI

12:15 p.m.

Faculty
Frederic S. Resnic
Burlington, MA

Interventional Cardiology - Boot Camp

Session #304

Fellows Bootcamp: Coronary Disease Management

Monday, March 12, 2018, 12:30 p.m. - 1:45 p.m.

Room 202 C

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Manish A. Parikh

Co-Chair: Patricia J. M. Best

Panelist and FIT Moderator: Sandeep Krishnan

Panelist and FIT Moderator: Darshan Doshi

12:30 p.m.

Complex Coronary Skillset: CTO
William L. Lombardi
Univ Of Washington, WA

12:40 p.m.

Panel Discussion With Audience Question and Answer

12:42 p.m.

Multivessel Disease: When to Perform PCI or Refer to Surgery?
Manish A. Parikh
New York, NY

12:52 p.m.

Panel Discussion With Audience Question and Answer

12:54 p.m.

Left Main /Bifurcation Disease
Luis Guzman
Jacksonville, FL

1:04 p.m.

Panel Discussion With Audience Question and Answer

1:06 p.m.

ACS: STEMI and Thrombus
Erik Magnus Ohman
Durham, NC

1:16 p.m.

Panel Discussion With Audience Question and Answer

1:18 p.m.

Hemodynamic Support
Navin Kapur
Hanover, MA

1:28 p.m.

Panel Discussion With Audience Question and Answer

1:30 p.m.

Complication
Jeffrey W. Moses
New York, NY

1:40 p.m.

Panel Discussion With Audience Question and Answer



Interventional Cardiology - Scientific

Session #738

Hot Topics for the Fifth Decade of Interventional Cardiology: Joint Symposium by TCT and the American College of Cardiology

Monday, March 12, 2018, 12:30 p.m. - 1:45 p.m.

Room 203 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Martin B. Leon

Co-Chair: Gregg W. Stone

12:30 p.m.

Part I: Atherosclerosis and Vascular Intervention

Panelist: Ori Ben-Yehuda

Panelist: Roxana Mehran

Panelist: Sahil A. Parikh

Panelist: Steven P. Marso

12:30 p.m.

Entering a New Era of Atherosclerosis Prevention and Treatment

Paul M. Ridker

Boston, MA

12:40 p.m.

Roundtable Discussion With Audience Question and Answer

12:45 p.m.

PCI in the High-Bleeding Risk Patient: New Devices, Modified Techniques and Enhanced Pharmacologic Strategies

Mitchell W. Krucoff

Durham, NC

12:55 p.m.

Roundtable Discussion With Audience Question and Answer

1:00 p.m.

Endovascular Diagnosis and Intervention Moves Front and Center

Jose M. Wiley

New York, NY

1:10 p.m.

Roundtable Discussion With Audience Question and Answer

1:15 p.m.

Part II: Structural Heart Disease Interventions

Panelist: Jeroen J. Bax

Panelist: Juan F. Granada

Panelist: Josep Rodes-Cabau

Panelist: Rebecca T. Hahn

1:15 p.m.

Heart Failure Therapies: From New Drugs to Novel Devices; From Outpatient Monitoring to Destination Therapies

William Abraham

Columbus, OH

1:25 p.m.

Roundtable Discussion With Audience Question and Answer

1:30 p.m.

Tackling the Tricuspid Valve: Forgotten No Longer

Francesco Maisano

Zurich, Switzerland

1:40 p.m.

Roundtable Discussion With Audience Question and Answer

Interventional Cardiology - Scientific

Session #753

Radial and Femoral Vascular Access Learn From the Experts

Monday, March 12, 2018, 12:30 p.m. - 1:45 p.m.

Room 204 C

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Adhir Ramesh Shroff

Co-Chair: Sunil V. Rao

Panelist: Elizabeth Mary Holper

Panelist: Arnold H. Seto

Panelist: Daniela Trabattini

Panelist: Frederick G.P. Welt

12:30 p.m.

Perfecting Standard and Large Bore Transradial Access Start to Finish

Samir B. Pancholy

Clarks Summit, PA

12:37 p.m.

Panel Discussion With Audience Question and Answer

12:45 p.m.

Tips and Tricks for Navigating Arm Vasculature

Sunil V. Rao

Durham, NC

12:52 p.m.

Panel Discussion With Audience Question and Answer

1:00 p.m.

Achieving Safety With Large Bore Femoral Access: Ultrasound, Pre-Closure, Closure, and Transcaval

Alexander George Truesdell

McLean, VA

1:07 p.m.

Panel Discussion With Audience Question and Answer

1:15 p.m.

Managing Radial and Femoral Complications

Poonam Velagapudi

New York City, NY

1:22 p.m.

Panel Discussion With Audience Question and Answer

1:30 p.m.

Distal snuffbox radial access - a new approach

Ian C. Gilchrist

Hershey, PA

1:37 p.m.

Panel Discussion With Audience Question and Answer



Interventional Cardiology - Moderated Poster Contributions

Session #1320M

Next Stents and Current Generation Stent Outcomes

Monday, March 12, 2018, 12:30 p.m. - 1:45 p.m.

Interventional Cardiology Moderated Poster Theater, Poster Hall, Hall A/B

CME Hours: /CNE Hours:

ACC Poster Moderator: M. Chadi Alraies

ACC Poster Moderator: James M. McCabe

12:30 p.m.

Impact of Small Device Use in the Proximal LAD Versus Other Coronary Segments on Long-Term Clinical Outcomes: An ADAPT-DES Sub-Analysis

Evan Shlofmitz, Akiko Maehara, Bernhard Witzendichler, David Metzger, Michael Rinaldi, Ernest Mazzaferri, Peter Duffy, Giora Weisz, Franz-Josef Neumann, Timothy Henry, David Cox, Thomas Stuckey, Bruce Brodie, Yangbo Liu, Ajay Kirtane, Gary Mintz, Gregg Stone, Cardiovascular Research Foundation, New York, NY, USA

12:40 p.m.

Question and Answer

12:45 p.m.

Clinical Outcomes to 4 Years in Patients Implanted With Bioabsorbable Polymer SYNERGY Versus Permanent Polymer Everolimus-Eluting Stents: The EVOLVE II Randomized Trial
Robert Jobe, Stephan Windecker, Akil Loli, David Mego, Kenji Ando, Toshiya Muramatsu, Francis Stammen, Michael Curtis, Steffen Helqvist, Thomas Christen, Dominic Allocco, Ian Meredith, Dean Kereiakes, Boston Scientific Corporation, Marlborough, MA, USA

12:55 p.m.

Question and Answer

1:00 p.m.

Incidence and Predictors of Contemporary DES Failure: Individual-Patient Data Pooled Analysis From 11 Randomized Controlled Trials

Maayan Konigstein, Hussein Rahim, Thomas McAndrew, Evan Shlofmitz, Ori Ben-Yehuda, Gregg Stone, Ziad Ali, Cardiovascular Research Foundation, New York, NY, USA

1:10 p.m.

Question and Answer

1:15 p.m.

Bioresorbable Scaffold For Treatment of Coronary Artery Lesions: Final Intravascular Ultrasound Results From the ABSORB JAPAN Trial

Kozo Okada, Yasuhiro Honda, Hideki Kitahara, Masayasu Ikutomi, Ryo Kameda, M. Brooke Hollak, Paul Yock, Hajime Kusano, Wai-Fung Cheong, Krishnan Sudhir, Peter Fitzgerald, Takeshi Kimura, Division of Cardiovascular Medicine, Stanford University School of Medicine, Stanford, CA, USA, Division of Cardiology, Yokohama City University Medical Center, Yokohama, Japan

1:25 p.m.

Question and Answer

1:30 p.m.

Biodegradable Polymerdrug Eluting Stents Versus Durable Polymer Drug Eluting Stents For Percutaneous Coronary Intervention: A Propensity Score Matched Analysis
Amos Levi, Uri Landes, Tamir Bental, Abid Assali, Hana Vaknin Assa, Eli Lev, Ran Kornowski, Rabin Medical Center, Petah Tikva, Israel

1:40 p.m.

Question and Answer

Interventional Cardiology - Boot Camp

Session #305

Fellows Bootcamp: Peripheral Vascular Disease

Monday, March 12, 2018, 2:00 p.m. - 3:30 p.m.

Room 202 C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Sahil A. Parikh

Co-Chair: Mehdi H. Shishehbor

Panelist and FIT Moderator: Rasha Al-Bawardy

Panelist and FIT Moderator: Jun Li

2:00 p.m.

Basic PVD Skillsets and Training

Sahil A. Parikh

New York, NY

2:12 p.m.

Panel Discussion With Audience Question and Answer

2:15 p.m.

Iliac and SFA

Jose M. Wiley

New York, NY

2:27 p.m.

Panel Discussion With Audience Question and Answer

2:30 p.m.

Infrapopliteal and CLI

Mehdi H. Shishehbor

Cleveland, OH

2:42 p.m.

Panel Discussion With Audience Question and Answer

2:45 p.m.

Carotid and Subclavian Artery Disease

Herbert D. Aronow

Providence, RI

2:57 p.m.

Panel Discussion With Audience Question and Answer

3:00 p.m.

Abdominal Aortic Aneurysm: Indications and Endovascular Treatment

Raj C. Dave

Memphis, TN

3:12 p.m.

Panel Discussion With Audience Question and Answer



3:15 p.m.

Pulmonary Embolism and Venous Interventions

Robert M. Schainfeld

Waltham, MA

3:27 p.m.

Panel Discussion With Audience Question and Answer

Interventional Cardiology - Scientific

Session #768

Complex Coronary Interventions: Cases and Discussion With Experts

Monday, March 12, 2018, 2:00 p.m. - 3:30 p.m.

Room 204 C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Vladimir Dzavik

Co-Chair: Frederick Feit

Panelist: Robert G. Baeten, II

Panelist: Nicola Corvaja

Panelist: Eugenia Nikolsky

Panelist: Shing-Chiu Wong

2:00 p.m.

Coronary Clinical Conundrums: Crossing the "Uncrossable" Lesion- Tips and Tricks With Case Examples

Antonio Colombo

Milan, Italy

2:10 p.m.

Coronary Atherectomy and Device Reviews With Case Examples: Rotational Atherectomy- Works Like a Charm!

John J. Lopez

Maywood, IL

2:17 p.m.

Coronary Atherectomy and Device Reviews With Case Examples: Laser - REBORN?

Andrew J. Klein

Atlanta, GA

2:24 p.m.

Coronary Atherectomy and Device Reviews With Case Examples: Orbital Atherectomy- The Kid on the Block!

Jeffrey W. Chambers

Minneapolis, MN

2:31 p.m.

Coronary Atherectomy and Device Reviews With Case Examples: Special Balloons, Cutting, Scoring- No Need for Fancy Cutting!

Binita Shah

New York, NY

2:38 p.m.

Panel Discussion With Audience Question and Answer

2:48 p.m.

Bifurcation Lesion Strategies: Anatomic Classification Review

Douglas E. Drachman

Waban, MA

2:58 p.m.

Bifurcation Lesion Strategies: "My Approach to Bifurcations: TAP"

Annapoorna Subhash Kini

New York, NY

3:05 p.m.

Bifurcation Lesion Strategies: "My Approach to Bifurcations: DK-crush"

Shaoliang Chen

210006 Nanjing Jiangsu, China

3:12 p.m.

Bifurcation Lesion Strategies: "My Approach to Bifurcations: Culotte"

Carlo Di Mario

Florence, Italy

3:19 p.m.

Panel Discussion with Audience Question and Answer

Interventional Cardiology - Scientific

Session #769

Tricuspid Regurgitation: How and When to Intervene- A Case Based Approach

Monday, March 12, 2018, 2:00 p.m. - 3:30 p.m.

Room 203 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Alaide Chieffo

Co-Chair: Jörg Hausleiter

Panelist: Joanna Ghobrial

Panelist: Juan F. Granada

Panelist: Eberhard Grube

Panelist: Nicolo Piazza

2:00 p.m.

Severe Tricuspid Regurgitation After CABG - Case Presentation and Therapeutic Options

Eberhard Grube

53721 Siegburg, Germany

2:10 p.m.

Panel Discussion With Audience Question and Answer

2:15 p.m.

Case Based Approach to Tricuspid Regurgitation in Patient With Leads

Mandeep Bhargava

Cleveland, OH

2:25 p.m.

Panel Discussion With Audience Question and Answer

2:40 p.m.

Panel Discussion With Audience Question and Answer

2:45 p.m.

Case Presentation: Tricuspid Valve Repair and Replacement Failure - Can Percutaneous Treatment Help?

Danny Dvir

Vancouver, Canada



2:55 p.m.

Panel Discussion With Audience Question and Answer

3:00 p.m.

Severity of TR - Mild to Torrential - Do We Know What We Are Measuring?

Rebecca T. Hahn

New York, NY

3:10 p.m.

Panel Discussion With Audience Question and Answer

3:15 p.m.

Wish We Treated This Patient Early - Do We Know the Timing for Intervention in TV Disease?

Brijeshwar Singh Maini

Delray Beach, FL

3:25 p.m.

Panel Discussion With Audience Question and Answer

Interventional Cardiology - Scientific Session #775

STEMI Hot Debates: Trials and Tribulations!

Monday, March 12, 2018, 3:45 p.m. - 5:15 p.m.

Room 205 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Sameer Mehta

Co-Chair: Amit Segev

Panelist: Connie Baumgard

Panelist: Prashant Kaul

Panelist: Asaad A. Khan

Panelist: Niels Van Royen

3:45 p.m.

Debate: Aspiration Thrombectomy in Acute MI

3:45 p.m.

Unnecessary Tool in the Kit

Sanjit S. Jolly

West Hamilton, Canada

3:52 p.m.

I Need It in My Kit

Julie M. Miller

Baltimore, MD

3:59 p.m.

Panel Discussion With Audience Question and Answer

4:05 p.m.

Debate: Saphenous Vein Graft MI Open the Graft or Native

4:05 p.m.

Open the Native

James Aaron Grantham

Shawnee Mission, KS

4:12 p.m.

Open the Graft

Prashant Kaul

Atlanta, GA

4:19 p.m.

Panel Discussion With Audience Question and Answer

4:25 p.m.

Debate: STEMI and Multivessel Disease in Patients Without Shock

4:25 p.m.

I Believe in Culprit Only Revascularization

Cindy L. Grines

Detroit, MI

4:32 p.m.

Complete Revascularization Is the Way to Go

Farouc A. Jaffer

Boston, MA

4:39 p.m.

Panel Discussion with Audience Question and Answer

4:45 p.m.

Acute Stent Thrombosis in the Lab: What Can I Do to Prevent it in the Future?

Ajay J. Kirtane

New York, NY

4:55 p.m.

STEMI in 2020 and Beyond: Stem Cells, Myocardial Oxygen, Hypothermia, Gene Therapy and More

Timothy D. Henry

Los Angeles, CA

5:05 p.m.

Panel Discussion with Audience Question and Answer

Interventional Cardiology - Scientific Session #776

Debates in the Management of High Risk Coronary Patients: Overuse, Underuse or Just Right?

Monday, March 12, 2018, 3:45 p.m. - 5:15 p.m.

Room 204 C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: William L. Lombardi

Co-Chair: Robert W. Yeh

Panelist: Alaide Chieffo

Panelist: John J. Lopez

Panelist: Marie-France Poulin

Panelist: Laura J. Ross

Panelist: Adhir Ramesh Shroff

3:45 p.m.

High Risk PCI: What to Do When the CHIPS Are Down

3:45 p.m.

High Risk PCI in Elderly or Multimorbidity Patients: High Risk Patients Have the Most to Gain

Michael C. Kim

New York, NY

3:55 p.m.

High Risk PCI in Elderly or Multimorbidity Patients: Exercises in Futility



Alice K. Jacobs
Boston, MA

4:05 p.m.
Debate Discussion With Question and Answer

4:15 p.m.
CTO PCI: Abused or Underused?

4:15 p.m.
Why I Don't Offer CTO PCI to Most of My Patients and You Shouldn't Either
Jordan Glanzman Safirstein
Mountain Lakes, NJ

4:25 p.m.
Why We Should Be Doing More CTO PCI: How You Can Get There From Here
Dimitrios I. Karpaliotis
New York, NY

4:35 p.m.
Debate Discussion With Question and Answer

4:45 p.m.
Mechanical Circulatory Support in 2017

4:45 p.m.
MCS in High Risk PCI and Shock: Critical for Some Patients and How I Identify Them
James M. McCabe
Mercer Island, WA

4:55 p.m.
MCS in High Risk PCI and Shock: Show Me the Data
Santiago Garcia
Minneapolis, MN

5:05 p.m.
Debate Discussion With Question and Answer

Interventional Cardiology - Scientific Session #777
TAVR Controversies in 2018: The Unknowns!
Monday, March 12, 2018, 3:45 p.m. - 5:15 p.m.
Room 203 A
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: G. Michael Deeb
Co-Chair: Howard C. Herrmann
Panelist: Matthew Aaron Cavender
Panelist: Eberhard Grube
Panelist: Philippe Pibarot
Panelist: Martina Speight

3:45 p.m.
Subclinical Leaflet Thrombosis in TAVR: Should We Be Concerned?
Raj R. Makkar
Los Angeles, CA

3:52 p.m.
Panel Discussion With Audience Question and Answer

4:00 p.m.
Optimal Antiplatelet and Anticoagulant Strategies After TAVR: Where Is the Evidence?
George D. Dangas
New York, NY

4:07 p.m.
Panel Discussion With Audience Question and Answer

4:15 p.m.
TAVR Valve Durability and Low Risk TAVR: Are We Headed for a Problem?
Danny Dvir
Vancouver, Canada

4:22 p.m.
Panel Discussion With Audience Question and Answer

4:30 p.m.
Should We Rely Only on Symptoms to Treat Patients With Aortic Valve Stenosis: Rationale for the EARLY TAVR Trial and Updates
Philippe Genereux
New York, NY

4:37 p.m.
Panel Discussion With Audience Question and Answer

4:45 p.m.
Low Flow and Aortic Valve Stenosis: Can You Help Me With This?
Howard C. Herrmann
Philadelphia, PA

4:52 p.m.
Panel Discussion With Audience Question and Answer

5:00 p.m.
What Is the Role for Surgery in the Management of Intermediate Risk Patients With Aortic Stenosis?
Vinod H. Thourani
Washington, DC

5:07 p.m.
Panel Discussion With Audience Question and Answer

Interventional Cardiology - Scientific Session #778
Iliac and Femoro-Popliteal Interventions: Techniques for Success and the Data Behind It
Monday, March 12, 2018, 3:45 p.m. - 5:15 p.m.
Room 202 C
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Subhash Banerjee
Co-Chair: D. Christopher Metzger
Panelist: Dmitriy N. Feldman
Panelist: Beau Michael Hawkins
Panelist: Viet T. Le
Panelist: Jose M. Wiley

3:45 p.m.
SFA CTO's Are Ubiquitous: How to Cross Them Predictably?



Subhash Banerjee
Dallas, TX

3:45 p.m.
Drug Coated Balloons as a Primary Femero-Popliteal Treatment
Strategy: Data and Optimal
Jose M. Wiley
New York, NY

3:45 p.m.
Atherectomy and DCB Is My Default SFA Strategy: Why, and How
Do I Do It?
Lawrence A. Garcia
Boston, MA

3:45 p.m.
Drug-Eluting and Non Drug-Eluting Nitinol Stents for SFA
Interventions
Mehdi H. Shishehbor
Cleveland, OH

3:45 p.m.
The Supera Interwoven Stent as Frontline Femero-Popliteal
Treatment: Data, and Tips and Tricks for Success
Dmitriy N. Feldman
New York, NY

3:45 p.m.
Iliac CTO's and Complex Lesions: Tips and Tricks for Endovascular
Success
D. Christopher Metzger
Kingsport, TN

3:45 p.m.
Panel Discussion With Audience Question and Answer