Acute and Stable Ischemic Heart Disease - Scientific
Session #600
Life After Coronary Revascularization: Are We Still on the Roller Coaster?
Saturday, March 10, 2018, 8:00 a.m. - 9:30 a.m.
Room 308 C
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Stacie L. Daugherty
Co-Chair: Todd D. Miller
Panelist: Usman Baber
Panelist: Roger S. Blumenthal
Panelist: James H. O'Keefe, JR

8:00 a.m.
Ideal Management of the Diabetic Patient Post-ACS
Craig J. Beavers
Lexington, KY

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

8:15 a.m.
Exercise as a Therapeutic Intervention in Patients With Stable Ischemic Heart Disease: An Under-Filled Prescription
Todd M. Brown
Birmingham, AL

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

8:30 a.m.
The Optimal Diet for Plaque Stabilization and Reversal
Andrew M. Freeman
Denver, CO

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

8:45 a.m.
Sex, Drugs, and Cardiovascular Disease
Claudio Gil S. Araujo
Rio de Janeiro/RJ, Brazil

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

9:00 a.m.
How Am I Going to Get Paid? Reimbursement For MI and PCI in the MACRA Era
Thad F. Waites
Hattiesburg, MS

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

9:15 a.m.
Putting It All Together: Digital Health Technologies for Risk Factor Modification Among Patients With Coronary Artery Disease
Elizabeth A. Jackson
Ann Arbor, MI

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

Acute and Stable Ischemic Heart Disease - Poster Contributions
Session #1130
Important Issues Related to the Management of Patients With Acute Coronary Syndromes
Saturday, March 10, 2018, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall A/B
CME Hours: /CNE Hours:

435 - Seasonal Periodicity in Myocardial Infarction Mortality in the United States
Haider Ali Taij, Ali Fadhil, Halah Abdulameer, Sura Alqaisi, Sadeer Al-Kindi, Cleveland Clinic-Fairview Hospital, Cleveland, OH, USA, University Hospital Medical Center, Cleveland, OH, USA

436 - Comparative Efficacy and Safety of Rivaroxaban-Based Dual-Pathway Antithrombotic Therapy Versus Dual Antiplatelet Therapy: A Pooled Analysis of Contemporary Randomized Controlled Trials
Adeel Jamil, Umer Jamil, Michelia Faggioni, Jolanta Marszalek, Sara Mehrzafat, Seyedmahdi Pahlavani, Usama Talib, Zahra Karimi, Miroslav Radulovic, Gerald Chi, James J. Peters VA Medical Center, Icahn School of Medicine, Bronx, NY, USA, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA, USA

438 - Variations in Non-ST-Elevation Myocardial Infarction Care Across Three Levels of Hospitals in China: Analysis From the China Acute Myocardial Infarction Registry
Qinghao Zhao, Haiyan Xu, Yueling Yang, Fuwai Hospital, Chinese Academy of Medical Sciences, Beijing, People's Republic of China

439 - Worse One-Year Heart Failure Outcomes After Non-ST-Segment Elevation Myocardial Infarction Than ST-Segment Elevation Myocardial Infarction and Treatment Implications in a Nationwide Study of 36,333 Unselected Patients Hospitalized For Acute Myocardial Infarction
Mark Y. Y. Chan, Huili Zheng, Derek Hausenloy, Terrance Chua, Huay-Cheem Tan, David Foo, Chee-Wan Lee, Khim-Leng Tong, Ling-Li Foo, A. Mark Richards, National University Heart Centre, Singapore, Singapore

440 - Cardiac Thrombosis in Acute Anterior Myocardial Infarction: Evaluation of Hospital Mortality, Thromboembolism and Bleeding
Natee Sirirunavong, Pradhum Ram, Mahesh Shah, Shantanu Patil, Brijesh Patel, Shilp Kumar, Nilay Patel, Loht Garg, Sahl Agrawal, Larry Jacobs, Vincent Figueredo, Einstein Medical Center, Philadelphia, PA, USA

441 - Assessment of Right Ventricular Function in Patients With Acute Myocardial Infarction
Mahesh Aher, Sandeep Bansal, Hema Mohandar Isser, Rajat Jain, Praloy Chakraborty, Preeti Gupta, Mahendra Kumar, Ankit Jain, VMMC & Safdarjung Hospital, New Delhi, India

442 - Use of Novel P2Y12 Inhibitors in ST-Elevation Myocardial Infarction in the United States: From the National Cardiovascular Data Registry's Research 2 Practice (R2P) Initiative
Kamil Faridi, Kirk Garratt, Kevin Kennedy, Robert Yeh, Beth Israel Deaconess Medical Center, Boston, MA, USA

443 - Late PCI in STEMI: A Complex Interaction Between Delay and Age
Raffaele Bugiardini, Edina Cenko, Jinsung Yoon, Beatrice Ricci, Davor Milicic, Sasko Kedev, Zorana Vasiljevic, Olivia Manfrini, Mihaela van der Schaar, Lina Badimon, University of Bologna, Bologna, Italy

444 - Non-Invasive Versus Invasive Management in Patients With Prior Coronary Artery Bypass Surgery With a Non-ST-Segment Elevation Acute Coronary Syndrome: Comparisons Between the Randomized Controlled Pilot Trial and Registry
Matthew Y. Lee, Mark Petrie, Paul Rocchiccioli, Joanne Simpson, Colette Jackson, Ammani Brown, David Corcoran, Kenneth Mangion, Pio Cialdella,
SCINET: Software Electrocardiogram Interpretation and Electronic Transmission to Prevent Treatment Delay in ST-Elevation Myocardial Infarction

**Authors:** Justin M. Cloutier, Christopher Hayes, David W. Allen, University of Manitoba, Winnipeg, Canada

**Abstract:**

**Background:**

Early and appropriate treatment of ST-elevation myocardial infarction (STEMI) is crucial for minimizing infarct size and improving patient outcomes. However, delays in treatment due to misinterpretation of electrocardiogram (ECG) findings can occur, leading to suboptimal care.

**Objective:**

To evaluate the impact of implementing a software-based ECG interpretation system that automatically detects and notifies of STEMI and other myocardial infarction (MI) patterns on treatment delay.

**Methods:**

The study was a prospective, multi-center, randomized controlled trial conducted at 30 hospitals in North America. Patients with acute coronary syndrome (ACS) presenting with symptoms consistent with STEMI were randomized to either usual care or the intervention arm, which included the SCINET software. The primary outcome was the difference in time from ECG diagnosis to treatment (time to treatment) between the two groups.

**Results:**

The mean time to treatment was significantly shorter in the intervention group compared to the control group (33.2 vs. 44.4 minutes, p<0.001). The median time to treatment was also shorter in the intervention group (31.0 vs. 42.0 minutes, p<0.001).

**Conclusion:**

The implementation of SCINET technology significantly reduced the time to treatment for STEMI patients compared to usual care, demonstrating the potential for improving myocardial infarction outcomes through automated ECG interpretation.

**Implications:**

The results suggest that automated ECG interpretation systems can be an effective tool in reducing treatment delays for STEMI patients, potentially improving cardiovascular outcomes.

**Keywords:**

Electrocardiogram, Myocardial Infarction, Treatment Delay, Automation, SCINET.
467 - Pharmacodynamics of Prasugrel and Ticagrelor in Patients With Acute Coronary Syndrome and the Effect of Switching to Clopidogrel For Economic and Other Reasons: Platelet Reactivity Sub-Study of the Multicenter Randomized Prague-18 Trial
Roman Miklik, Jiri Knot, Robin Krafil, Martin Kamenik, Jiri Jarkovsky, Iuri Marinov, Zuzana Motosková, Faculty of Medicine, Masaryk University and Internal Cardiology Department, Faculty Hospital, Brno, Czech Republic, Third Faculty of Medicine, Charles University and University Hospital Kralovske Vinohrady, Prague, Czech Republic

468 - Difference in Medication Adherence Between Patients Filling 30- Versus 90-Day Prescription Supply After Acute Myocardial Infarction
Jennifer Rymer, Eileen Fonseca, Durgesh Bhandary, Naeeem Khan, Tracy Wang, Duke University Medical Center, Durham, NC, USA

469 - Validation of the Predicting Bleeding Complications in Patients Undergoing Stent Implantation and Subsequent Dual Antiplatelet Therapy (PRECISE-DAPT) Score in the Elderly Population
David Martí, Damaris Carballeira Puentes, Jose Morales Gallardo, David Brau Queralt, Ricardo Concepcion Suarez, Andrea Rueda Linares, Carlos Jiménez Chillón, Edurne Lopez, Jorge Palazuelos, Salvador Alvarez, Central Defense Hospital, Madrid, Spain

470 - The COMPASS Criteria Applied to a Real Life Population From the Fast-MI 2005 and 2010 Registries
Francois Schiele, Etienne Puymirat, Marion Chatot, Karl Isaaz, Bruno Farah, Brahim Harbaoui, Philiotimon plasteras, Gregory Ducrocq, Jean Ferrières, Tabassome Simon, Nicolas Meneveau, Nicolas Danchin, University Hospital Jean Minjoz, Besançon, France, Hôpital Européen Georges Pompidou, Paris, France

471 - A Systematic Review and Meta-Analysis of Dual Antiplatelet Therapy Versus Antiplatelet Monotherapy After Coronary Artery Bypass Graft Surgery
Leonardo Knijnik, Rhanderson Cardoso, Manuel Rivera, Gilson Costa Fernandes Filho, Amanda Fernandes, John McEvoy, Seamus Whelton, Tyler Gluckman, Roger Blumenthal, Jackson Memorial Hospital and University of Miami, Miami, FL, USA, Johns Hopkins Hospital, Baltimore, MD, USA

472 - The Effect of Cessation of 2nd Generation P2Y12 Inhibitor Therapy on Platelet Reactivity in Patients After Acute Myocardial Infarction
Guy Witberg, Jalal Batish, Alejandro Solodky, Tamir Bental, Ran Kornowski, Eli Lev, Robin Medical Center, Petah Tikva, Israel, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel

473 - Early Discontinuation of P2Y12 Antagonists and Adverse Clinical Outcomes Post Percutaneous Coronary Intervention
Daniel Harris, Arron Lacey, Ashley Akbari, Mike B. Gravenor, Julian Halcox, Swansea University, Swansea, United Kingdom

474 - Cangrelor as an Antiplatelet Bridging Strategy in Patients With Coronary Artery Disease Undergoing Cardiac and Non-Cardiac Surgery
Victor Kairouz, Pujan Patel, Francesco Franchi, Nagaraju Deopa, Siva Suryadevara, Daniel Soffer, John Pirris, Martin Zenni, Theodore Bass, Dominick Angiolillo, Fabiana Rollini, University of Florida, Jacksonville, FL, USA

475 - Vorapaxar Pharmacodynamics: Effects on Thrombogenicity, Endothelial Function, and Interactions With Clopidogrel and Aspirin
Paul A. Gurbel, Kevin Bliden, Rachel Bell, Hamid Taheri, Behnam Tehrani, Tenzin Dechen, Katherine Armstrong, Udaya Tantry, Inova Heart and Vascular Institute, Falls Church, VA, USA

476 - Post-Discharge Bleeding and Subsequent Major Cardiovascular Events in Chinese Patients With Acute Coronary Syndrome Who Underwent Percutaneous Coronary Intervention: A National Wide Multicentre Prospective Study
Yundai Chen, Tong Yin, Shuyang Zhang, Hongbing Yan, Juizing Qian, Jiyan Chen, Xi Su, Zhimin Du, Lefeng Wang, Qin Qin, Chuanyu Gao, Yang Zheng, Chinese PLA General Hospital, Beijing, People's Republic of China

477 - Chronic Inflammatory Disease and Long-Term Clinical Outcomes After Percutaneous Coronary Intervention in Very Young Adults
Shunsuke Kubo, Suguru Otsuru, Seiji Habara, Takeshi Tada, Hiroyuki Tanaka, Yasushi Fu, Tsuyoshi Goto, Kazunighe Kadota, Kurashiki Central Hospital, Kurashiki, Japan

478 - The Relationship Between Timing of Prasugrel Pretreatment and In-Stent Thrombus Immediately After Percutaneous Coronary Intervention For Acute Coronary Syndrome: An Optical Coherence Tomography Study
Yosuke Katayama, Takashi Kubo, Yasushi Ino, Yoshihiko Matsuo, Hirohori Kitabata, Akira Taruya, Kunihiro Shimamura, Yasutsugu Shiono, Atsushi Tanaka, Takeshi Hozumi, Takashi Akasaka, Wakayama Medical University, Wakayama City, Japan
Acute and Stable Ischemic Heart Disease - Poster Contributions

**Session #1132**

**Exosomes Overcoming Myocardial Injury**
Saturday, March 10, 2018, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall A/B

CME Hours: /CNE Hours:

10:00 a.m.

**HDL3C Is the Most Effective HDL Phenotype in the Attenuation of Myocardial Ischemia and Reperfusion Injury**

**Ji Hye Jung**, Yusu Gu, William Bradford, Yoon, Doro Goldstone, Daniel von Bornstaedt, Cornelius Gati, Y. Woo, Phillip Yang, Stanford University School of Medicine, Stanford, CA, USA

10:45 a.m.

**Recombinant Human Neuregulin-1 Reduces the Expression of NOX4 by Activating ERK1/2 to Alleviate Myocardial Ischemia Reperfusion Injury**

**Fuhua Wang**, Xuejing Liu, Haiyi Yu, Xiaomin Huang, Wei Huang, Guisong Wang, Department of Cardiology, Peking University Third Hospital, Key Laboratory of Cardiovascular, Peking, People's Republic of China

10:55 a.m.

**Question and Answer**

11:00 a.m.

**HDL3C Is the Most Effective HDL Phenotype in the Attenuation of Myocardial Ischemia and Reperfusion Injury**

**Vitor Wilson De Moura Virginio**, Isabella B. Oliveira, Michele Santana, Joaquim Oliveira, Orlando Petrucci, Andrei C. Sposito, University of Campinas (UNICAMP), Campinas-SP, Brazil

11:10 a.m.

**Question and Answer**

11:15 a.m.

**Metabolomic Analysis of Human Plasma During Myocardial Reperfusion Injury: A Non-Targeted Approach**

**Arun Suredran**, Michel Aliani, Amir Ravandi, Albrechtsen Research Centre, St. Boniface Hospital, Winnipeg, Canada, University of Manitoba, Winnipeg, Canada

11:25 a.m.

**Question and Answer**

11:30 a.m.

**Exosomes From Induced Pluripotent Stem Cell-Derived Cardiomyocytes Salvage the Injured Myocardium by Modulation of Autophagy**

**Michelle Santoso**, Hiromi Sano, Yuko Tada, Raymond Sierra, Andrew Goldstone, Daniel von Bornstaedt, Cornelius Gati, Y. Woo, Phillip Yang, Stanford University, Stanford, CA, USA

11:40 a.m.

**Question and Answer**

11:45 a.m.

**Exosomal Mir-106a-363 Cluster From the Hypoxic Human iPSC-Derived Cardiomyocytes Restore the Ischemic Myocardium**

**Ji Hye Jung**, Yusu Gu, William Bradford, Yoon, Doro Goldstone, Daniel von Bornstaedt, Cornelius Gati, Y. Woo, Phillip Yang, Stanford Cardiovascular Institute, Stanford, CA, USA

11:55 a.m.

**Question and Answer**

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**Acute and Stable Ischemic Heart Disease - Poster Contributions**

**Session #1141M**

**Limiting Reperfusion Injury and Infarct Size: New Heroes For an Old Villain**
Saturday, March 10, 2018, 10:00 a.m. - 12:00 p.m.

**Poster Hall, Hall A/B**

CME Hours: /CNE Hours:

10:00 a.m.

**E06, a Natural Antibody Targeted to Oxidized Phospholipids, Attenuates Cardiac Ischemia Reperfusion Injury in Mice**

**Calvin Yeang**, Xuchu Que, Masahiko Hoshijima, Yusu Gu, William Bradford, Nancy Dalton, Phuong Miu, Joseph Witztum, Kirk Peterson, Sotirios Tsimikas, UCSD, San Diego, CA, USA

10:10 a.m.

**Question and Answer**

10:15 a.m.

**Cardiomyocyte- and Not Endothelial-Specific β3-Adrenergic Receptor Stimulation Protects the Heart Against Ischemia/Reperfusion Injury**

**Andrés Pun**, Monica Gomez, David Sanz-Rosa, Belen Prados, Jose Luis de la Pompa, Borja Ibanez, Centro Nacional de Investigaciones Cardiovasculares Carlos III (CNIC), Madrid, Spain

10:25 a.m.

**Question and Answer**

10:30 a.m.
Acute and Stable Ischemic Heart Disease - Hands-on Skills Learning
Session #1503
Hands-On Simulation Skills Training: Clinical Judgement Challenge Station . . . Body Interact Simulation Platform
Saturday, March 10, 2018, 10:15 a.m. - 11:15 a.m.
Personalized Skills and Simulation Center: Lounge & Learn, Hall C
CME Hours: /CNE Hours:
10:15 a.m.
Faculty: Clinical Judgement Challenge Station
Matthew W. Martinez
Allentown, PA

Acute and Stable Ischemic Heart Disease - Gaming
Session #6001
Engage @ACC.18 Studio: Heart Teams in Action Complex Coronary Revascularization Decision-Making
Saturday, March 10, 2018, 12:15 p.m. - 1:15 p.m.
Engage@ACC.18 Studio, Hall A/B
CME Hours: 1 / CNE Hours: 1
Co-Chair: Frederick L. Grover
Co-Chair: Akshay K. Khandelwal
12:15 p.m.
Introduction to Format by Co-Chairs
Case Presenter
Sahil Khera
Boston, MA
12:15 p.m.
Heart Teams Panel Discussion
Case Presenter
Jessica Rove
Chesterfield, MO
12:15 p.m.
Heart Teams Panel Discussion
Case Presenter
Mir Babar Basir
Detroit, MI
12:15 p.m.
Heart Teams Panel Discussion

12:15 p.m.
UTHSCSA Surgeon
Andrea Carpenter
San Antonio, TX

12:15 p.m.
UTHSCSA Interventionalist
Anand Prasad
San Antonio, TX

12:15 p.m.
UTHSCSA Imaging Cardiologist
Rushit R. Kanakia
San Antonio, TX

12:15 p.m.
Cleveland Clinic Interventionalist
Samir R. Kapadia
Cleveland, OH

12:15 p.m.
Cleveland Clinic Surgeon

Acute and Stable Ischemic Heart Disease - Scientific
Session #608
Managing Angina: Main Street, or Adventureland?
Saturday, March 10, 2018, 12:15 p.m. - 1:45 p.m.
Room 206 A
CME Hours: 1.5 / CNE Hours: 1.5
12:15 p.m.
Co-Chair: Jamieson M. Bourque
Co-Chair: Erik Magnus Ohman
12:15 p.m.
Advances in Pharmacotherapy of Angina
Carl J. Pepine
Gainesville, FL
12:25 p.m.
Audience Question and Answer
12:29 p.m.
Exercising Your Way to Angina Reduction
Carl J. Lavie
New Orleans, LA
12:39 p.m.
Audience Question and Answer
12:43 p.m.
Role of CTO Revascularization in Refractory Angina

Faisal Bakaeen
Cleveland, OH
12:15 p.m.
Cleveland Clinic Clinical/Imaging Cardiologist
Venu Menon
Cleveland, OH
12:15 p.m.
Cleveland Clinic Fellow
Grant W. Reed
Broadview Heights, OH
12:15 p.m.
UPMC Interventionalist
Suresh Mulukutla
Wexford, PA
12:15 p.m.
UPMC Cardiothoracic Surgeon
Danny Chu
Pittsburgh, PA
12:15 p.m.
UPMC Imaging Cardiologist
Timothy C. Wong
Wexford, PA
12:15 p.m.
UPMC CV Team Member
Lisa Henry
Pittsburgh, PA
12:15 p.m.
UTHSCA CV Team Member
Catherine D. Shah
Boerne, TX
Acute and Stable Ischemic Heart Disease - Core Curriculum Session #802
ACS Update: What Would You Do?
Saturday, March 10, 2018, 12:15 p.m. - 1:45 p.m.
Room 207 A
CME Hours: 1.5 /CNE Hours: 1.5

Chair: Jordan Glanzman Safirstein

12:15 p.m.
Multivessel Disease & MI: How and When to Intervene
Anthony Gershlick
Leicester, United Kingdom

12:35 p.m.
SCAD Angiographic Findings and Optimal Treatment
Rajiv Gulati
Rochester, MN

12:55 p.m.
Antiplatelet Therapy Post-PCI: Guideline Review of DAPT
Eric R. Bates
Ann Arbor, MI

1:16 p.m.
Panel Discussion Moderator
Jordan Glanzman Safirstein
Mountain Lakes, NJ

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

Acute and Stable Ischemic Heart Disease - Poster Contributions Session #1171
Managing Patients With Stable Ischemic Heart Disease: A Multitude of Things to Consider
Saturday, March 10, 2018, 1:30 p.m. - 4:30 p.m.
Poster Hall, Hall A/B
CME Hours: /CNE Hours:

435 - Predictors of LDL-Cholesterol and Systolic Blood Pressure (SBP) Goal Attainment at One Year: Interim Data From the ISCHEMIA Trial
Jonathan D. Newman, Karen Alexander, Sean O’Brien, Xiangqiong Gu, Sajeev Govindan, Roxy Senior, Paulo Rezende, Nagaraja Moorthy, Marcin Demkow, Jose Lopez-Sendon, Olga Bockeria, Gilbert Gosselin, Neeraj Pandit, Peter Stone, William Boden, John Speratus, Gregg Stone, Judith Hochman, David Maron, New York University, School of Medicine, New York, NY, USA

436 - Dose Escalation and the Safety of Celecoxib, Ibuprofen, and Naproxen: Analysis of the PRECISION Trial
Grant W. Reed, Mingyuan Shao, Kathy Wolski, Mouin Abdallah, Lisa Wisniewski, Neville Yeomans, Thomas F. Luscher, Jeffrey Borre, David Y. Graham, Elaine Husni, Daniel Solomon, Peter Libby, Venu Menon, A. Lincoff, Steven Nissen, Cleveland Clinic, Cleveland, OH, USA

437 - A Comparative Analysis of Clinical Prediction Models Versus a Clinician’s Assessment For the Prediction of Obstructive Coronary Artery Disease in Patients With Chest Pain
Jean Ho, Alexander Ivanov, Pavan Patel, Natalia Crenesse-Cozien, Saadat Khan, Krishnanjali Jonnalagadda, Michelle Sayad, Sorin J. Brener, Terrence Sacchi, John Heitner, New York-Presbyterian Brooklyn Methodist Hospital, Brooklyn, NY, USA

438 - Impact of the Mediterranean Diet on Patients With a First Acute Myocardial Infarction
Paola Scarano, Marco Magnoni, Nicole Cristell, Martina Berteotti, Guglielmo Gallone, Paolo Camici, Attilio Maseri, Domenico Cianflone, IRCCS Ospedale San Raffaele Università Vita-Salute Milano, Milan, Italy, Fondazione "Per il Tuo Cuore” Heart Care Foundation ONLUS, Rome, Italy

439 - Organization of Thrombus Contributes to Rapid Progression of Coronary Artery Disease: A Serial Coronary Angiograms and Optical Coherence Tomography Study
Kenichi Fujii, Satoru Otsuji, Shin Takiuchi, Wataru Yamamoto, Kasumi Ishibuchi, Hiroto Tamaru, Katsuyuki Hasegawa, Rui Ishii, Sho Nakabayashi, Motoaki Ibuki, Shinya Nagayama, Yorihiko Higashino, Higashi Takarazuka Satoh Hospital, Takarazuka, Japan

440 - Influence of an Electronic Medical Record Based Bleeding Risk Calculator on Bleeding Events, Readmissions and Cost Following Percutaneous Coronary Intervention
Joseph Ebinger, Steven Tabak, Yaron Elad, Katherine Gurvitz, Shivani Patel, Christopher Simon, Timothy D. Henry, Cedars-Sinai Medical Center, Los Angeles, CA, USA

441 - Undetermined Cause of Death: A Pooled Analysis of 9,307 Deaths Across 9 Cardiovascular Trials
Alexander C. Fanaroff, Robert Clare, Karen Pieper, Kenneth Mahaffey, Chiara Melloni, Jennifer Green, John Alexander, William Jones, Robert Harrison, Rajendra Mehta, Thomas Piovico, Humberto Moreira, Sana Al-Khatib, Matthew Roe, David Kong, Robin Mathews, Pierluigi Tricoci, Rury Holman, Lars Wallentin, Claes Held, Karen Alexander, Renato Lopes, Duke Clinical Research Institute, Durham, NC, USA

442 - Association Between Optimism and Outcomes in Patients With Chronic Angina
433 - High Bilateral Carotid Temperatures Predict Increased Two-Year Cardiovascular Event Rate
Georgios Benetos, Konstantinos Toutouzas, Georgios Oikonomou, Iosif Koutsiaris, Fotini Mitropoulou, Nikolaos Barmoutos, Periklis Davlouros, Andreas Synetos, Elias Siores, Dimitris Tousoulis, First Department of Cardiology, Athens, Greece

444 - Sentinel Events Prior to Sudden Cardiac Death Among Clinically Stable Acute Coronary Syndrome Patients: Insights From the IMPROVE-IT Trial
Christopher Fordyce, Matthew Roe, Abhinav Sharma, Courtney Page, Jennifer White, Yuliya Lokhnygina, Michael Blazing, University of British Columbia, Vancouver, Canada, Duke Clinical Research Institute, Durham, NC, USA

445 - Thrombin-Induced Clot Strength and Platelet Reactivity For Prediction of Major Cardiovascular Events Following Percutaneous Coronary Intervention
Jong-Hwa Ahn, Jae Seok Bae, Jeong Yoon Jang, Min Gyu Kang, Kyehwan Kim, Hyun Woong Park, Jin-Sin Koh, Yong-Wi Park, Seok-Jae Hwang, Choong Hwan Kwak, Jin-Yong Hwang, Young-Hoon Jeong, Gyeongsang National University Changwon Hospital, Changwon, South Korea

446 - Association Between New York State Hospital Post-Percutaneous Coronary Intervention Mortality and Readmissions and CMS Hospital Star Ratings
Sameed Ahmed Khatana, Peter Groeneveld, Jay S. Giri, Perelman School of Medicine, Philadelphia, PA, USA, The Leonard Davis Institute of Health Economics, University of Pennsylvania, Philadelphia, PA, USA

447 - Feasibility and Validity of Measuring Patient-Reported Health Status at Time of PCI: Results From a Single-Center Quality Improvement Initiative
Usman Baber, Serdar Farhan, Nitin Barman, Joseph Sweeney, Jason Kovacic, George Dangas, Roxana Mehran, Annapoorna Kini, Jonathon Leipsic, Hugo Marques, Gianluca Pontone, Gilbert Raff, Todd Villines, Peter Stone, Habib Samady, Renu Virmani, Jeroen J. Bax, James K. Min, Hyuk-Jae Chang, Weill Cornell Medical College, New York, NY, USA

450 - Impact of Adenosine A2A Receptor Polymorphism Rs571876 on Platelet Reactivity in Ticagrelor Treated Patients
Monica Verdiola, Matteo Nardin, Lucia Barbieri, Roberta Rolla, Gennaro Galasso, Paolo Marino, Giorgio Bellomo, Giuseppe De Luca, AOU Maggiore della Carità, Università del Piemonte Orientale, Novara, Italy

451 - The Coronary Sinus Reducer Improves Angina, Ischememia and Physical Activity in Patients With Severe Angina Pectoris: A Single Center Experience
Maaoyan Königstein, Samuel Bazan, Miri Revivo, Shmuel Banai, Tel Aviv Medical Center, Tel Aviv, Israel

452 - Prognostic Value of Anatomical and Clinical SYNTAX Score in Veterans With Left Main or Three-Vessel Coronary Artery Disease
Naoki Misumida, Ahmed E. Ahmed, Mariah Pagath, Rachel Goodwin, Elliot Goodwin, Mohammad Mathbou, Ameer Musa, Ahmed Abdel-Latif, Khalid Zaida, Lexington VA Medical Center, Lexington, KY, USA, University of Kentucky Medical, KY, USA

453 - Low Diastolic Blood Pressure Is Associated With Greater Odds of Angina in Patients With Chronic Coronary Artery Disease
Pogner Peri-Okonny, Krishna Patel, Philip Jones, Kensey Gosh, Suzanne Arnold, John Spertus, Saint Luke's Mid America Heart Institute and University of Missouri, Kansas City, Kansas City, MO, USA

454 - Calculated Plasma Volume Status Predicts Early and Late Outcomes After Coronary Artery Bypass Grafting
Annette Mazyczka, Mohammad Barakat, Bassey Ussen, Huda Abu-Own, Fadi Jourha, Olaf Wendler, Shyamsunder Kolvekar, Darlington Okonko, King's College Hospital & King's College London, London, United Kingdom, Royal Free Hospital & University College London, United Kingdom

455 - High-Risk Plaque in Non-Obstructive Coronary Artery Disease Confers Risk Similar to Obstructive Disease Without High-Risk Features: The ICONIC Study
Richard Anthony Ferrara, Fay Lin, Jessica Peña, Daniele Andreini, Filippo Cademartiri, Kavitha Chinnayan, Benjamin Chow, Ricardo Curry, Gadrun Feuchtner, Martin Hadamitzky, Yong-Jin Kim, Jonathon Leipsic, Hugo Marques, Gianluca Pontone, Gilbert Raff, Todd Villines, Peter Stone, Habib Samady, Renu Virmani, Jeroen J. Bax, James K. Min, Hyuk-Jae Chang, Weill Cornell Medical College, New York, NY, USA

456 - Determinants of High-Sensitivity Cardiac Troponin I Concentrations in Patients With Suspected Stable Angina
Philip D. Adamson, James Henderson, Amanda Hunter, Michelle Williams, Alastair J. Moss, Anoop Shah, David A. McAllister, Marc R. Dweck, Nicholas Mills, David Newby, University of Edinburgh, Edinburgh, United Kingdom

457 - Early Diastolic Strain Rate by Two-Dimensional Speckle Tracking Echocardiography Is a Predictor of Coronary Artery Disease and Cardiovascular Events in Stable Angina Pectoris
Rikke Andersen, Soren Hoffmann, Christoffer Hagemann, Philip Brainin, Thomas Fritz-Hansen, Flemming Javier Olsen, Jan Jensen, Tor Biering-Sorensen, Department of Cardiology, Gentofte Hospital, Faculty of Health Sciences, University of Copenhagen, Copenhagen, Denmark

458 - Cardiac Troponin T Concentrations Measured With a High-Sensitivity Assay and Reversible Myocardial Ischemia in Patients With Suspected Stable Angina: A DOPPLER-CIP Substudy
Peder Myhre, Helge Rosjo, Sebastian Sarvari, Jan D’hooge, Jan Engvall, Rosa Sicari, Jose Zamorano, Thor Edvardsen, Torbjorn Omland, Akershus University Hospital, Lorenskog, Norway

459 - The Effects of Adding the CETP Inhibitor Anacetrapib to Statin on Urgent and Routine Revascularization: Results From the HPS 3/TIMI 55-REVEAL Trial
Stephen D. Wiviott, on behalf of the HPS 3/TIMI 55 - REVEAL Collaborative Group, Brigham and Women’s Hospital, Boston, MA, USA, University of Oxford, Oxford, United Kingdom

460 - Achilles Tendon Xanthoma Is Associated With Severity of Coronary Artery Disease
Takuya Hashimoto, Yoshiyasu Minami, Ryota Kakizaki, Teruyoshi Nemoto, Kazuhiko Fujiyoshi, Kohki Ishida, Tomoyoshi Yanagisawa, Kentaro Meguro, Takao Shimohama, Taiki Tojo, Minako Yamaoka-Tojo, Junya Ako, Kitasato University School of Medicine, Sagamihara, Japan

461 - Arterial Stiffness and Vascular Calcification Predicts Adverse Cardiovascular Events in Subjects With Coronary Artery Disease After Percutaneous Coronary Intervention
Evangelos Oikonomou, Gerasimos Siasos, Georgios Georgiopoulos, Emmanouil Pavavaranakis, Georgia Vogiatzi, Konstantinos Maniatis, Alexios Antonopoulos, Sotiris Tsalamandris, Vasiliki Tsikoug, George-Angelo Papamikroulis, Athina Golopoulo, Dimitris Toussoulis, First Cardiology Clinic,
462 - Gamma-Glutamyl Transferase and Oxidized Low-Density Lipoprotein in Premature Coronary Artery Disease in Chinese
Yuli Huang, Yu Wu, You Yang, Wensheng Li, Jianhua Lu, Yunzhao Hu, Shunde Hospital, Southern Medical University, Foshan, People's Republic of China

463 - The Impact of Platelet-Fibrin Clot Strength and Inflammation on Incidence of Peripheral Artery Disease and Clinical Outcomes in Patients With Significant Coronary Artery Disease
Jae Seok Bae, Jong-Hwa Ahn, Jeong Yoon Jang, Min Gyu Kang, Kyehwan Kim, Hyun Woong Park, Jin-Sin Koh, Yongwhi Park, Choong Hwan Kwak, Jin-Yong Hwang, Young-Hoon Jeong, Cardiovascular Center, Gyeongsang National University Changwon Hospital, Changwon, South Korea, Department of Internal Medicine, Gyeongsang National University Hospital, Jinju, South Korea

464 - Association of Perioperative Antiplatelet Therapy and Outcomes in Patients With Drug-Eluting Stent Placement Undergoing Noncardiac Surgery
Min Ji Kim, Sung-Jin Hong, Jung-Sun Kim, Eun Hwa Kim, Jinae Lee, Chul-Min Ahn, Byeong-Keuk Kim, Young-Guk Ko, Donghoon Choi, Myeong-Ki Hong, Yangsoo Jang, Severance Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, South Korea

465 - Prior Coronary Artery Bypass Grafting and Incident Cardiovascular Events in the Setting of Contemporary Medical Therapy: Insights From ACCELERATE
Adam J. Nelson, Stephen Nicholls, A. Lincoff, Venu Menon, Jeffrey Riesmeyer, Giacomo Ruotolo, Kathy Wolski, Ellen McEerlean, Steven Nissen, Cleveland Clinic, Cleveland, OH, USA, South Australian Health and Medical Research Institute, Adelaide, Australia

466 - Association Between Genetic Variants in PCSK9/ APOB/ LDLR and Premature Myocardial Infarction in Han Chinese
Tian Pu, Haiyu Yu, Ming Xu, Wei Gao, Guisong Wang, Department of Cardiology, Institute of Vascular Medicine, Peking University Third Hospital, Beijing, People's Republic of China

467 - Relationship Between Statin Use and Trimethylamine N-Oxide in Cardiovascular Risk Assessment
Daniel Y. Li, Zeneng Wang, Xinmin S. Li, Stanley L. Hazen, W. H. Wilson Tang, Cleveland Clinic Foundation, Cleveland, OH, USA

468 - Causes and Impact of Premature Interruption of Dual Antiplatelet Therapy in Patients With Active Cancer
Marissa Anne Lombardo, Polydoras Kampaktsis, Attila Feher, Simon Mantha, Usman Baber, Richard Steingart, Dipti Gupta, New York Presbyterian Weill Cornell, New York, NY, USA

469 - Comparing the Likelihood Ratios of the Duke Chest Pain Score and HEART Score in Predicting Inducible Ischemia by Nuclear Stress Test
Brian Allen, Eddie Abney, John Moran, Nabeel Saghir, George Rodgers, University of Texas at Austin Dell Medical School, Austin, TX, USA

470 - Predictors For Neoatherosclerosis in Sirolimus-Eluting Stents Over 10 Years After Implantation
Eisuke Usui, Taishi Yonetsu, Yoshinori Kanno, Rikuta Hamaya, Tadashi Fukuda, Hiroaki Ohy, Yohei Sumino, Masahiro Hada, Masao Yamaguchi, Masahiro Hoshino, Yoshhiha Kanaji, Tsunekazu Kakuta, Tsuchiura Kyodo General Hospital, Tsuchiura, Japan

471 - The Impact of Temporal Desaturation During Coronary Angiogram For Prediction of Subclinical Sleep Disorder Breathing
Masahide Tokue, Nobutaka Ikeda, Raisuke Iijima, Hidehiko Hara, Masato Nakamura, Toho University Ohashi Medical Center, Tokyo, Japan

472 - Assessing Cardiovascular Risk in Patients Undergoing Kidney Transplantation: Is There Gender Bias in Pre Transplantation Testing?
Monique Robinson, Haytham Mously, Saurav Uppal, Mohammed Wazzan, Sadeer Al-Kindi, Guillerme Oliveira, University Hospitals Cleveland Medical Center, Cleveland, OH, USA

473 - Cholesterol Crystal Is Associated With 12-Month Cardiovascular Events: An Optical Coherence Tomography Study
Kazuhiru Fujiyoshi, Yoshiyasu Minami, Kohki Ishida, Yusuke Muramatsu, Toshimitsu Sato, Ryota Kikazaki, Teruyoshi Nemoto, Takuya Hashimoto, Kentaro Meguro, Takao Shimohama, Taiki Tojo, Junya Ako, Department of Cardiovascular Medicine, Kitasato University School of Medicine, Sagamihara, Japan

474 - The Impact of Continuous Optimal Medical Therapy in ACS Patients Seichi Hiramori, Masaomi Hayashi, Yuhei Yamaji, Yusaku Takeji, Shinichi Shirai, Kenji Ando, Kokura Memorial Hospital, Kitakyushu, Japan

Acute and Stable Ischemic Heart Disease - Poster Contributions
Session #1172
Science of Prognosis in ASIHD
Saturday, March 10, 2018, 1:30 p.m. - 4:30 p.m.
Poster Hall, Hall A/B
CME Hours: /CME Hours:

475 - Identifying Genetic Causes of Spontaneous Coronary Artery Dissection by Whole Genome Sequencing in Related Individuals
James Faeys, Mirana Ramialison, Anthony White, Monash Cardiovascular Research Centre, Clayton, Australia, Australian Regenerative Medicine Institute, Clayton, Australia

476 - Getting to the HEART of the Matter
Jaimie Holbert, Brett Rogers, Mark S. Rasnake, University of Tennessee Medical Center, Knoxville, TN, USA

477 - Prognostic Value of High Sensitive Troponin in Stable Coronary Artery Disease
Rocio Carda, Oscar Lorenzo, Ana Maria Pello, Álvaro Aceña, Carlos Gutierrez Landaluze, Carmen Cristobel, Nieves Tarín, Ana Huelmos, Jesús Fuentes- Antras, María Martin Mariscal, Ignacio Hernandez Gonzalez, Ana Huelmos, Lorenzo Lopez Bescos, José Tunon, Fundación Jimenez Diaz, Madrid, Spain

478 - Serum Cystatin C-Adiponecin Complex Levels Predict the Prognosis of Male Patients With Coronary Artery Disease
Tetsuro Matsuoka, Hiroyasu Yamamoto, Akane Matsuomo, Natsumi Matsuo, Yukika Mizukami, Kenji Fukuda, Yusunaka Makino, Shinji Kihara, Hyogo Prefectural Nishinomiya Hospital, Nishinomiya, Hyogo, Japan, Osaka University Graduate School of Medicine, Suita, Osaka, Japan

479 - Implication of Troponin I Release in Trauma Patients With Hip Fractures
Antonio Pereira, Harneet Bhatti, Supreya Swarup, Jody Digiaccomo, Roman Zeltser, Amgad Makaryus, Zucker School of Medicine Hofstra/Northwell, Hempstead, NY, USA, Nassau University Medical Center, East Meadow, NY

480 - Incidence and Cost of Major Cardiovascular Events Among Patients With Chronic Coronary Artery Disease or Peripheral Artery Disease Identified in a Large United States Healthcare Database
Ariel Berger, Tarun Bhagnani, Brian Murphy, Beth Nordstrom, Qi Zhao, Windsor Ting, Nicholas Leeper, Jeffrey Berger, Evidera, Waltham, MA, USA, Janssen Pharmaceutical Companies, Titusville, NJ, USA

481 - Characterizing the Microbiome in Patients With and Without Coronary Artery Disease
Acute and Stable Ischemic Heart Disease - Scientific Session #623
Coronary Care Unit Clinical Conundrums: Alice in Wonderland
Saturday, March 10, 2018, 2:00 p.m. - 3:30 p.m.
Room 206 A
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Erin Ann Bohula
Co-Chair: Venu Menon
Panelist: Barbara McLean
Panelist: Sean Van Diepen

2:00 p.m.
Case Presenter
Cardiogenic Shock Refractory to Medical Therapy
Hena Patel
Chicago, IL

2:04 p.m.
Pinocchio: Medical Therapy and Temporary Mechanical Support Options
Sean Van Diepen
Edmonton, Canada

2:14 p.m.
Up: Management of Mechanical Support Devices in the CCU
Barbara McLean
Atlanta, GA

2:24 p.m.
Panel Discussion/ARS

2:33 p.m.
Case Presenter: Out-of-Hospital Cardiac Arrest in the CCU
Ajar Kochar
Durham, NC

2:37 p.m.
Frozen: Targeted Temperature Management-- When, Who and How
Syed Tanveer Rab
Duluth, GA

2:47 p.m.
Sleeping Beauty: Neuroprognostication After Cardiac Arrest
Joseph Parrillo
Hackensack, NJ

2:57 p.m.
Panel Discussion/ARS

3:06 p.m.
Case Presentation: Infective Endocarditis in the CCU
Aldo Schenone
Beachwood, OH

3:10 p.m.
A Bug’s Life: Management of Acute Infective Endocarditis
Paul Cremer
Shaker Heights, OH

3:20 p.m.
Panel Discussion/ARS

Acute and Stable Ischemic Heart Disease - Moderated Poster Contributions
Session #1181M
Evolocumab: A Golden Knight For Atherosclerosis Regression?
Saturday, March 10, 2018, 3:45 p.m. - 4:30 p.m.

Levels of Non-High-Density Lipoprotein Cholesterol Do Not Negatively Impact the Ability of the PCSK9 Inhibitor, Evolocumab, to Promote Regression of Coronary Atherosclerosis
Adam J. Nelson, Rishi Puri, Christie Ballantyne, Leslie Cho, Danielle Brennan, Helina Kassahun, Ransi Somarathne, Scott Wasserman, Steven Nissen, Stephen Nicholls, South Australian Health and Medical Research Institute, Adelaide, Australia, Cleveland Clinic, Cleveland, OH, USA

Elevated CRP Levels Do Not Adversely Modulate the Ability of Evolocumab to Regress Coronary Atherosclerosis: Insights From GLAGOV
Adam J. Nelson, Rishi Puri, Christie Ballantyne, Leslie Cho, Danielle Brennan, Helina Kassahun, Ransi Somarathne, Scott Wasserman, Steven Nissen, Stephen Nicholls, South Australian Health and Medical Research Institute, Adelaide, Australia, Cleveland Clinic, Cleveland, OH, USA

Greater Likelihood of Regression of Coronary Atherosclerosis With the PCSK9 Inhibitor, Evolocumab, in Patients With Higher Lp(a) Levels
Daniel Scherer, Rishi Puri, Christie Ballantyne, Leslie Cho, Danielle Brennan, Helina Kassahun, Ransi Somarathne, Scott Wasserman, Steven Nissen, Stephen Nicholls, Cleveland Clinic, Cleveland, OH, USA, South Australian Health and Medical Research Institute, Adelaide, Australia

Acute and Stable Ischemic Heart Disease - Scientific Session #638
Logistical and Clinical Challenges in MI Systems of Care: Islands of Adventure
Saturday, March 10, 2018, 4:45 p.m. - 6:00 p.m.
Room 206 A
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Timothy D. Henry
Co-Chair: Dharam J. Kumbhani
Panelist: Daniel E. Forman
Panelist: Mauricio G. Cohen
Panelist: Denise K. Busman

4:00 p.m.
MI and Shock Presentation at a Primary PCI Center Without Surgical Backup
Elizabeth A. Hardin
Dallas, TX
4:50 p.m.
Panel Discussion: Role of Shock Centers in MI Systems of Care

5:04 p.m.
Management of Post-VF Arrest at a Non-Tertiary Care Center
Janak Kansagra
Detroit, MI

5:09 p.m.
Panel Discussion: Role of Cardiac Arrest Centers in MI Systems of Care

5:23 p.m.
STEMI Presentation at a Non-PCI Capable Facility
Addi Suleiman
Towaco, NJ

5:28 p.m.
Panel Discussion: Optimal Transfer Strategies in MI Systems of Care

5:42 p.m.
Very Elderly Patient Presenting With STEMI
Neha Paul
Valhalla, NY

5:47 p.m.
Panel Discussion: How the Very Elderly and Frail Patients Are Best Managed by MI Systems of Care

Acute and Stable Ischemic Heart Disease - Scientific Session #650
Myocardial Ischemia and Non Obstructive Coronary Artery Disease (MINOCA)
Sunday, March 11, 2018, 8:00 a.m. - 9:30 a.m.
Room 206 A
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Margo B. Minissian
Co-Chair: Jacqueline E. Tamis-Holland
Panelist: Puja K. Mehta
Panelist: Harmony R. Reynolds

8:00 a.m.
The Syndromes of MINOCA and TINOCA: One Diagnosis Does Not Fit All!
John F. Beltrame
Adelaide, Australia

8:15 a.m.
Panel Discussion With ARS

8:27 a.m.
Mechanisms of Infarction: Atherosclerotic vs Non-Atherosclerotic
C. Noel Baiery Merz
Los Angeles, CA

8:41 a.m.
Panel Discussion With ARS

8:53 a.m.
FIT Case Presentation Real World Dilemma's in MINOCA
Christine Pacheco
Los Angeles, CA

9:01 a.m.
Real World Dilemmas: Diagnosis in a Smaller Hospital Setting.
Jamieson M. Bourque
Charlottesville, VA

9:11 a.m.
FIT Case Presentation in Medical Management
May Bakir
New York, NY

9:19 a.m.
Real World in Dilemmas in Medical Management
Eileen M. Handberg
Gainesville, FL

Acute and Stable Ischemic Heart Disease - Scientific Session #651
The Mad Hatter's Approach to Refractory Angina Management: Debates on Out-of-the Box Therapies
Sunday, March 11, 2018, 8:00 a.m. - 9:30 a.m.
Room 205 A
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Marc E. Jolicoeur
Co-Chair: Adam Skolnick

8:00 a.m.
Introduction to Format by Co-Chairs

8:02 a.m.
Audience ARS Question: Debate Pre-Poll #1
Adam Skolnick

8:04 a.m.
PRO: Coronary Sinus Occlusion Reduces Angina Frequency
Marc E. Jolicoeur
Montreal, Canada

8:13 a.m.
CON: Coronary Sinus Occlusion Is Not Ready for Prime Time
Alice K. Jacobs
Boston, MA

8:22 a.m.
Audience ARS Question: Debate #1 Post-Poll
Adam Skolnick
New York, NY

8:24 a.m.
Audience ARS Question: Debate #2 Pre-Poll
Adam Skolnick
New York, NY

8:26 a.m.
PRO: EECP Reduces Refractory Angina
Rohit R. Arora
North Chicago, IL

8:35 a.m.
CON: EECP Does Not Significantly Reduce Angina
Sripal Bangalore
New York, NY

8:44 a.m.
Audience ARS Question: Debate #2 Post-Poll
Adam Skolnick
New York, NY

8:46 a.m.
Audience ARS Question: Debate #3 Pre-Poll
Adam Skolnick
New York, NY
8:48 a.m.  
Pro: Transmyocardial Laser Myocardial Revascularization Reduces Angina  
Adam Skolnick  
New York, NY

8:57 a.m.  
CON: Transmyocardial Laser Myocardial Revascularization Is Not Useful for Angina Reduction  
Frederick Feit  
New York, NY

9:06 a.m.  
Audience ARS Question: Debate #3 Post-Poll  
Adam Skolnick  
New York, NY

9:08 a.m.  
Pro: Sham Control Trials Are Necessary to Assess the Effectiveness of PCI for Angina Relief  
William E. Boden  
Boston, MA

9:17 a.m.  
Con: Sham Control Trials Are Necessary to Assess the Effectiveness of PCI for Angina Relief  
Sorin J. Brener  
Brooklyn, NY

Acute and Stable Ischemic Heart Disease - Poster Contributions  
Session #1213  
Microvascular Disease, Endothelial Dysfunction, Vasospasm and Other Clinical Conundrums  
Sunday, March 11, 2018, 9:30 a.m. - 12:30 p.m.  
Poster Hall, Hall A/B  
CME Hours: /CNE Hours:

435 - Coronary and Peripheral Vasomotor Responses to Mental Stress  
Muhammad Hammadah, Ibar Al Mheid, Jeong Hwan Kim, Kobina Wilmot, Frank Corrigan, Ayman Samman Tahhan, Wesley O’Neal, Heval Mohamed Kelli, Ronnie Ramadan, Mouwafak Mouwafak Moureiden, Pratik Sandesara, Girum Mekonnen, Ayman Alkholder, Belal Kaseer, Fahad Choudhary, Mohamed Khayata, Yasir Bouchi, Amit Shah, Laura Ward, David Sheps, Habib Samady, Kretom Mavromatis, Viola Vaccarino, Arshed Quyyumi, Emory, Atlanta, GA, USA

437 - Subclinical Left Ventricular Dysfunction in Women With Angina in the Absence of Obstructive Coronary Artery Disease: A Comprehensive Invasive and Echocardiographic Study  
Sara Boujihla, Vedant Pargaonkar, Yukari Kobayashi, Yuhei Kobayashi, Francois Haddad, Jennifer Tremmel, Division of Cardiovascular Medicine, Stanford University School of Medicine, Stanford, CA, USA

438 - Peripheral Endothelial Function Predicts 1-Year Adverse Clinical Outcome in Patients With Chest Pain Hospitalized in the Emergency Department  
Michael Shechter, Shlomi Matetzky, Megha Prasad, Nira Koren-Morag, Amir Lerman, Leviev Heart Center, Sheba Medical Center, Tel Hashomer, Israel, Mayo Clinic, Rochester, MN, USA

439 - The Course of Patients With Chest Pain and No Evidence of Heart Disease: A 20 Year Follow-Up Study  
Abel E. Moreyra, Waseem Shami, Stavros Zinonos, Nora M. Cosgrove, Alex Gold, John B. Kostis, Javier Cabrera, Mihir Trivedi, William J. Kostis, for the MIDAS Study Group, Cardiovascular Institute, New Brunswick, NJ, USA, Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ, USA

440 - Left Ventricular Wall Motion Findings in Myocardial Infarction With Nonobstructive Coronary Artery Disease (MINOCA)  
Anais Hausvater, Nathaniel Smilowitz, Dalisa Espinosa, Ellen Hada, Harmony Reynolds, NYU School of Medicine, New York, NY, USA

441 - Myocardial Bridging Is Associated With Coronary Endothelial Dysfunction in Patients With Chest Pain and Non-Obstructive Coronary Artery Disease  
Jaskanwal Sara, Michel Corban, Lilach Lerman, Amir Lerman, Mayo Clinic, Rochester, MN, USA

442 - Positive Dynamics of Endothelial Function in Patients With ST Segment Elevation MI Is Associated With LDL Cholesterol Target Level Achievement  
Oleksandr Shumakov, Alexander Parkhomenko, Anton Stepura, Oleg Irkin, Yaroslav Lutay, Dmitry Bily, Sergey Kushnir, National Scientific Center, M.D. Strazhesko Institute of Cardiology, SI, Kiev, Ukraine

443 - Usefulness and Safety of Acetylcholine Provocation Test in Patients With No Culprit Lesions in Emergency Coronary Angiography  
Kazuya Tateishi, Hideki Kitahara, Yuichi Saitoh, Tadayuki Kadihira, Takashi Nakayama, Yoshihide Fujimoto, Yoshio Kobayashi, Chiba University Hospital, Chiba, Japan

444 - Coronary Flow Reserve in Patients With Prior Spontaneous Coronary Artery Dissection and Recurrent Angina  
Tara Sedlak, Andrew Starovoytov, Karin Humphries, Jacqueline W. L. Saw, Vancouver General Hospital, Vancouver, Canada

445 - The Role of Beta Blocker Therapy For Ischemic Heart Disease Prevention in Undiagnosed Obstructive Sleep Apnea and Hypertension  
Peter Farjo, Kinjan Patel, Rohan Shah, Varun Badami, Sean Regner, Robert Stansbury, Stanley Schmidt, West Virginia University, Morgantown, WV, USA

446 - Coronary Artery Disease and the Impact of Rheumatoid Arthritis on the Severity, Type of Presentation and Prevalence  
Hassan Alkhawam, Elsayed Abo-Salem, Fadi Ghair, Rahil Rafeedheen, Tarek Helmy, Saint Louis University School of Medicine, St. Louis, MO, USA, Icahn School of Medicine at Mount Sinai (Elmhurst), Elmhurst, NY, USA

447 - Predictors of In-Stent Yellow Plaques After 2nd-Generation Drug-Eluting Stent: The MICAS Study  
Kazuoki Dai, Hiroshi Matsuoka, Hideo Kawakami, Tetsuya Sato, Kouki Watanabe, Yasuharu Nakama, Masaharu Ishihara, Hiroshima City Hiroshima Citizens Hospital, Hiroshima, Japan, Hyogo College of Cardiology, Nishinomiya, Japan

448 - Same Day Discharge Following Inpatient Percutaneous Coronary Intervention: A Population Based Analysis  
Ahmed N. Mahmoud, Ahmad Masri, University of Florida, Gainesville, FL, USA, University of Pittsburg, Pittsburg, PA, USA

449 - Outcomes of Post-Operative Atrial Fibrillation After Coronary Artery Bypass Graft Surgery: A Meta-Analysis  
Tofik Mahfood Haddad, Jai Parekh, Aravdeep Jhand, Amjad Kabach, Muhammad Soubhi Azzouz, Michael White, Venkata Alla, Michael Del Core, Creighton University School of Medicine, Omaha, NE, USA

450 - Impact of Chronic Hepatitis C on Patients With Myocardial Infarction Undergoing Percutaneous Coronary Intervention: A 5-Year Nationwide Analysis
455 - Differences in Clinical Profile and Prognosis Between Takotsubo Syndrome and the Rest of Myocardial Infarction With Non-Obstructive Coronary Arteries
Javier Lopez Pais, Barbara Izquierdo Coronel, Maria Jesus Espinosa Pascual, David Galan Gil, Juan Gorriz Magana, Rebeca Mata Caballero, Carlos Gustavo Martinez Peredo, Paula Awamleh, Joaquin Alonso Martin, University Hospital of Getafe, Getafe, Spain

456 - Epinephrine Is Associated With Adverse Outcomes in the Cardiac Intensive Care Unit
Jacob Colin Jentzer, Brandon Wiley, Courtney Bennett, Bradley Ternus, Kianoush Kashani, Scott Wright, Gregory Barnsly, Mayo Clinic, Rochester, MN, USA

457 - Association Between the Number of Cardiologists Per 50 Cardiology Beds and 30-Day Mortality in Patients With Acute Myocardial Infarction
Koshiro Kanaoka, Satoshi Okayama, Yoshikito Saito, Nara City Hospital, Nara, Japan

458 - ST-Elevation Myocardial Infarction-Derived Coronary Microvascular Obstruction Is NOT Thrombus Dependent: Results in a Porcine Coronary Model
Giovanni Pellegrini, Nikolka Cesarovic, Mareika Gastl, Jon Hoem, Martin Rothman, Oliver Bludau, Blathnaid Feldman, Sho Torii, Renu Virmani, Robert Schwartz, Minneapolis Heart Institute Foundation at Abbott Northwestern Hospital, Minneapolis, MN, USA

459 - Internet Search Habits Reflect Prevalence of and Mortality From Heart Disease
Morgan Kellogg, Samip Vasaiwala, Maine Medical Center, Portland, ME, USA

460 - Exercise and Pharmacologic Stress-Induced T-Wave Heterogeneity For Detection of Clinically Significant Coronary Artery Stenosis
Anderson Carlos Silva, Victor Zandona De Antonino, Jakub Sroubek, Ernest Gervino, Kalon Ho, Fernando G. Stocco, Bruce D. Nearing, Richard L. Verrier, Beth Israel Deaconess Medical Center, Boston, MA, USA, Faculdade de Medicina da Universidade de Sao Paulo, Sao Paulo, Brazil

463 - Can We Predict the Angiographic Severity of Coronary Artery Disease in Patients With Acute Coronary Syndrome Using Nt-proBnp?
Khan P. N. Pham, Hoang H. N. Duong, Van N. Truong, Tam M. N. Ngo, Ha T. Ngo, Quynh T. Dinh, Sang T. Tran, Tram B. Nguyen, Huy D. Dinh, Thien M. Thai, Dat V. Nguyen, Nhat L. Nguyen, Wojciech Mazur, Eugene Chung, Thach Nguyen, Vinh N. Pham, Viet T. Truong, Pham Ngoc Thach University of Medicine, Ho Chi Minh City, Viet Nam

466 - Myocardial Bridge Muscle Index (MMI): A Marker of Disease Severity and Its Relationship With Endothelial Dysfunction and Symptomatic Outcome in Patients With Angina and a Hemodynamically Significant Myocardial Bridge
Vedant Pargaonkar, Ingela Schnittger, Ian Rogers, Shigemitsu Tanaka, Ryotaro Yamada, Takumi Kimura, Jack Boyd, Jennifer Tremmel, Stanford University School of Medicine, Stanford, CA, USA

451 - Younger Patients With Acute Coronary Syndrome: An Analysis From National Inpatient Sample Database
Basera Sahharwal, Di Pan, Mario Rodriguez, Mariam Khandaker, Xin Wei, Eyal Herzog, Icahn School of Medicine at Mount Sinai St. Luke’s and Mount Sinai West, New York, NY, USA

452 - Low Eicosapentaenoic Acid to Arachidonic Acid Ratio May Be Associated With Vulnerable Plaques Assessed by Intravascular Ultrasound in Younger Patients With Acute Coronary Syndrome
Yumi Katsume, Kazunori Horie, Yukiko Mizutani, Akiko Tanaka, Norichika Osai, Takashi Matsumoto, Tsuyoshi Isawa, Norio Tada, Mie Sakurai, Masato Munehisa, Taku Honda, Tatsushi Ootomo, Naoto Inoue, Sendai Kousei Hospital, Sendai, Japan

453 - Prognostic Impact of Coronary Vasospasm Related Type 2 Myocardial Infarction in Japanese: Results From J-MINUET Sub-Study
Kenji Sakamoto, Kenichi Tsujita, Koichi Kaikita, Koichi Nakao, Yukio Ozaki, Kazuo Kimura, Junya Ako, Teruo Noguchi, Satoshi Yasuda, Satoru Suwa, Kazuteru Fujimoto, Yasuharu Nakama, Takashi Morita, Wataru Shimizu, Yoshikito Saito, Atsushi Hirohata, Yoshitaka Morita, Teruo Inoue, Atsunori Okamura, Toshiaki Mano, Kunihiro Nishimura, Yoshitaka Miyamoto, Hisao Ogawa, Masaharu Ishihara, Department of Cardiovascular Medicine, Graduate School of Medical Sciences, Kurume University, Kurume, Japan, Division of Coronary Artery Disease, Hyogo College Medicine, Nishinomiya, Japan

454 - Growth Differentiation Factor-15 in Black Patients With Atrial Fibrillation and Acute Coronary Syndrome Is Associated With Left Ventricular Remodeling
Judith E. Mitchell, Daniel Fung, Roseanne Chesler, Haroon Kamran, Erdal Cavusoglu, State University of NY Downstate Medical Center, Brooklyn, NY, USA

460 - Exercise and Pharmacologic Stress-Induced T-Wave Heterogeneity For Detection of Clinically Significant Coronary Artery Stenosis
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464 - Monocyte and Macrophage Subtypes as Paired Cell Biomarkers For Coronary Artery Disease
Kathryn Arnold, John Blair, Jonathan Paul, Atman Shah, Sandeep Nathan, Francis Alenghat, University of Chicago Pritzker School of Medicine, Chicago, IL, USA, University of Chicago Medicine, Chicago, IL, USA

455 - Differences in Clinical Profile and Prognosis Between Takotsubo Syndrome and the Rest of Myocardial Infarction With Non-Obstructive Coronary Arteries
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463 - Can We Predict the Angiographic Severity of Coronary Artery Disease in Patients With Acute Coronary Syndrome Using Nt-proBnp?
Khan P. N. Pham, Hoang H. N. Duong, Van N. Truong, Tam M. N. Ngo, Ha T. Ngo, Quynh T. Dinh, Sang T. Tran, Tram B. Nguyen, Huy D. Dinh, Thien M. Thai, Dat V. Nguyen, Nhat L. Nguyen, Wojciech Mazur, Eugene Chung, Thach Nguyen, Vinh N. Pham, Viet T. Truong, Pham Ngoc Thach University of Medicine, Ho Chi Minh City, Viet Nam

464 - Monocyte and Macrophage Subtypes as Paired Cell Biomarkers For Coronary Artery Disease
Kathryn Arnold, John Blair, Jonathan Paul, Atman Shah, Sandeep Nathan, Francis Alenghat, University of Chicago Pritzker School of Medicine, Chicago, IL, USA, University of Chicago Medicine, Chicago, IL, USA

465 - Temporal Trends, Determinants and Impact of High-Intensity Lipid Lowering Therapy in Patients With Stable Coronary Artery Disease Undergoing Percutaneous Coronary Intervention
Roxana Mehran, Serdar Farhan, Usman Baber, Michela Faggioni, Melissa Aquino, Jaya Chandrasekhar, Sabato Sorrentino, Birgit Vogel, George Dasgupta, Anna Porina Kini, Samin K. Sharma, Mount Sinai, New York, NY, USA

466 - Myocardial Bridge Muscle Index (MMI): A Marker of Disease Severity and Its Relationship With Endothelial Dysfunction and Symptomatic Outcome in Patients With Angina and a Hemodynamically Significant Myocardial Bridge
Vedant Pargaonkar, Ingela Schnittger, Ian Rogers, Shigemitsu Tanaka, Ryotaro Yamada, Takumi Kimura, Jack Boyd, Jennifer Tremmel, Stanford University School of Medicine, Stanford, CA, USA

467 - Effect of Ranolazine on Symptoms and Quality of Life in Patients With Angina in the Absence of Obstructive Coronary Artery Disease: A Retrospective Cohort Study
Vedant Pargaonkar, Jennifer Tremmel, Ingela Schnittger, Abha Khandelwal, Stanford University School of Medicine, Stanford, CA, USA

468 - Temporal Changes in Statin Prescription and Intensity at Discharge After an Atherosclerotic Cardiovascular Disease (ASCVD) Event: Real-World Experience in a Large Integrated Healthcare System - The IMPRES Study
Jeffrey L. Anderson, Kirk U. Knowlton, Heidi May, Tami Bair, Donald Lappe, John J. Muhlstein, Intermountain Medical Center, Salt Lake City, UT, USA, University of Utah, Salt Lake City, UT, USA

469 - Adult Bone Marrow Cell Therapy Improves Left Ventricular Function in Patients With Ischemic Heart Disease: A Meta-Analysis of Randomized Controlled Trials Utilizing Cardiac Magnetic Resonance Imaging
Anweshan Samanta, Muhammad Afzal, Amy Cantilena, Ipsita Samanta, Siva Sagar Taduru, Shubha D. Roy, Buddhadev Dawn, University of Missouri -
470 - Impact of the Presence of Cardiovascular Disease on CV Benefit of Anti-diabetic Agents
Jassim M. S. Al Suwaidi, Rajvir Singh, Ralph DeFrondo, Mohammed Ali, Amin Jayoussi, Nidal Asaad, Muhammad Abdul-Ghani, Hamad Medical Corporation, Doha, Qatar, UTHSCSA, San Antonio, TX, USA

471 - The Safety and Tolerability of Multiple Dose Administration of CSL112, an Intravenous Formulation of Plasma-Derived ApoA-I, Among Subjects With Moderate Renal Impairment After Acute Myocardial Infarction
C. Michael Gibson, Megan Yee, Yaza Danaboul, Serge Korjian, Ali Poyan Mehr, Mathieu Kermeis, Pierluigi Tricoci, John Alexander, John Kastelein, Roxana Mehran, Christoph Bode, Basil Lewis, Ravindra Mehta, Daniella Duffy, John Feaster, Majdi Halabi, Dominick Angiolillo, Daniel Ducerschmid, Ton Oude Ouphis, Bela Merkely, Beth Israel Deaconess Medical Center, PERUSE Study Group, Boston, MA, USA

472 - Sex Differences in Cardiovascular Disease Outcomes in Response to Fenofibrate Therapy in Type 2 Diabetic Patients in the ACCORD Lipid Study

473 - Comparative Cardiovascular Safety and Effectiveness of Linagliptin in Routine Care: An Interim Analysis From a Monitoring Program
Elisabetta Patruno, Chandrasekar Gopalakrishnan, Dorothee B. Bartels, Kimberly G. Brodovicz, Andrea Meyers, Julie Barberio, Ju Calis, Keith Springell, Laura Muratore, Eileen Navarro, Jennifer Lewis, Dominick Angiolillo, John Alexander, John Kastelein, Roxana Mehran, Ali Poyan Mehr, Mathieu Kermeis, and Richard Trubowitz, Cleveland Clinic, Cleveland, OH, USA

474 - Long-Term Safety and Efficacy of Lomitapide in Patients With Homozygous Familial Hypercholesterolemia: Three-Year Data From the Lomitapide Observational Worldwide Evaluation Registry (LOWER)
James Underberg, Christopher Cannon, Dominique Larrey, Lukas Makris, Agnieszka Jurecka, Dirk Blom, Agerion Pharmaceuticals, Cambridge, MA, USA

475 - Results From the Microvascular Assessment of Ranolazine in Non-Obstructive Atherosclerosis (MARINA): A Double-Blinded Randomized Controlled Trial
Arnab Kumar, Rani Rabah, Olivia Hung, Parham Estehardi, Hossein Hossein, Nabil Sabbak, Zakaria Almuwaqqat, Chang Liu, Puja Mehta, Bill Gogas, Habib Samady, Section of Interventional Cardiology, Division of Cardiology, Emory University School of Medicine, Atlanta, GA, USA

476 - Efficacy and Safety of Pre-Procedural Prasugrel in Asians Undergoing Percutaneous Coronary Intervention For Acute Coronary Syndrome: A Report From a Japanese Multicenter Registry
Satoshi Shoji, Mitsuki Sawano, Yasuyuki Shiraihi, Nobuhiro Ikemura, Ikuko Ueda, Yohei Numasawa, Shigetaoka Noma, Masahiro Suzuki, Kentaro Hayashi, Shinsuke Yuasa, Keichi Fujifu, Shun Kohsaka, Department of Cardiology, Keio University School of Medicine, Tokyo, Japan

477 - Oxygen Therapy For Acute Myocardial Infarction: An Updated Meta-Analysis
Abel Casso Dominguez, Yasmin Herrera, George El Hayek, Alejandro Lemor, Bing Yue, Pedro Moreno, Mount Sinai St. Luke’s, New York, NY, USA

478 - Effect of Chronic Kidney Disease on Different Intensity Statin Utilization in Patients With Coronary Artery Disease: A Single Tertiary Center Experience
Efstratios Kouroumpakis, Heather Stahura, Elvira Gosmanova, Stephanie Jou, Edward Philbin, William Boden, Radmila Lyubarova, Albany Medical College, Albany, NY, USA

Acute and Stable Ischemic Heart Disease - Poster Contributions Session #1215
Lost in Translation? Part 1
Sunday, March 11, 2018, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall A/B
CME Hours: /CNE Hours:

479 - The Receptor For Complement Component C3a Mediates Protection From the Development of Atherosclerosis in Apolipoprotein E Deficient (apoE/-) Mice
Linlin Wei, Ning Ma, YaFeng Gao, JiaXing Wang, Liang Bai, DaXin Chen, Ke Li, The Second Affiliated Hospital, Xi’an Jiaotong University, Xi’an, People’s Republic of China

480 - Inhibition of miR-128-3p by Tongxinluo Protects Human Cardiomyocytes From ischemia/reperfusion Injury Via Upregulation of p70s6k1/p-p70s6k1
Guilao Chen, Chuansheng Xu, Yuejin Yang, Jie Zhang, Qing Li, Wuhan Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, People’s Republic of China

481 - Sympathetic Renal Denervation After Acute Myocardial Infarction Blunts Adrenergic Activation and Increased Myocardial Salvage in Pigs
Luigi Emilio Pastormerlo, Vincenzo Castignoli, Burchelli Silvia, Chrisantos Grigoratos, Giovanni Donato Aquaro, Assuero Giorgietti, Paolo Marzullo, Eleonora Benelli, Fabio Bernini, Maria Franzini, Angela Pucci, Silvia Masotti, Veronica Musetti, Claudio Passino, Michele Emdin, Fondazione Toscana Gabriele Monasterio, Pisa, Italy, Scuola Superiore Sant’Anna, Pisa, Italy

482 - CLOCK Overexpression in Peripheral Blood Mononuclear Cells by Targeting PAI-1 in ST-Segment Elevation Myocardial Infarction
Qixia Jiang, Hua Liu, Shengyun Wang, Feng Wu, Chun Liang, Department of Cardiology, Shanghai Changzheng Hospital, Naval Medical University, Shanghai, People’s Republic of China

Acute and Stable Ischemic Heart Disease - Moderated Poster Contributions Session #1224M
Endothelial and Microcirculatory Function: New Advances
Sunday, March 11, 2018, 9:45 a.m. - 10:30 a.m.
Acute and Stable Ischemic Heart Disease Moderated Poster Theater, Poster Hall, Hall A/B
CME Hours: /CNE Hours:

ACC Poster Moderator: David L. Brown
ACC Poster Moderator: Alexandra J. Lansky

9:45 a.m.
Saline Induced Pd/Pa Ratio Can Predict Functional Significance of Coronary Stenosis Assessed by Fractional Flow Reserve
Satoshi Hashimoto, Yoshihuru Fujimori, Kyohei Yamazaki, Kazuto Kurihara, Kenichiro Ebisu, Yuya Terasawa, Tomoko Baba, Tadamasu Wakabayashi, Taku Imai, Suwa Central Hospital, Chino, Japan

10:00 a.m.
Myocardial Infarction With Non-Obstructive Coronary Arteries (MINOCA) According to Definitions of 2016 ESC Position Paper: Clinical Profile and Prognosis
Barbara Izquierdo Coronel, Javier Lopez Pais, David Galan Gil, Maria Jesus Espinosa Pascual, Paula Awamleh, Carlos Gustavo Martinez Peredo, Alfonso Fraile Sanz, Javier Ceballo, Joaquin Alonso Martin, Hospital Universitario de Getafe, Madrid, Spain

10:10 a.m.
Question and Answer

10:15 a.m.
Glucagon-Like Peptide-1 (GLP-1) Has No Effect on Peripheral Vasodilatation But Augments Coronary Microcirculatory Flow in Humans
Stephen P. Hoole, Sophie Clarke, Joel Giblett, Muhammad Aetesam-ur-Rahman, Tian Zhao, Nick West, Joseph Cherian, Papworth Hospital, Cambridge, United Kingdom, Cambridge University Hospital, Cambridge, United Kingdom

10:25 a.m.
Question and Answer

Acute and Stable Ischemic Heart Disease - Hands-on Skills Learning Session #1523
Hands-On Simulation Skills Training: Clinical Judgement Challenge Station . . . Body Interact Simulation Platform
Sunday, March 11, 2018, 10:45 a.m. - 11:45 a.m.
Personalized Skills and Simulation Center: Lounge & Learn, Hall C
CME Hours:  /CNE Hours:

10:45 a.m.
Faculty: Clinical Judgement Challenge Station
Laura Davidson
Chicago, IL

Acute and Stable Ischemic Heart Disease - Scientific Session #663
Evaluation of Low Risk Chest Pain in the Emergency Department/Chest Pain Center
Sunday, March 11, 2018, 10:45 a.m. - 12:15 p.m.
Room 206 A
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: James K. McCord
Co-Chair: Michael Ross
Panelist: Ezra A. Amsterdam
Panelist: Allan Jaffe
Panelist: Michael C. Kontos
Panelist: Simon A. Mahler
Panelist: Rita F. Redberg

10:45 a.m.
Evaluating Chest Pain Using High-Sensitivity Troponin in the ED: Shotgun or Scalpel?
Allan Jaffe
Rochester, MN

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

11:00 a.m.
Check the Scoreboard! HEART, TIMI, EDACS, Sanchis and Other Chest Pain Scores
Simon A. Mahler
Winston Salem, NC

11:10 a.m.
Panel Discussion with Audience Question and Answer

Treadmill ECG In Evaluation of Low Risk Chest Pain: Past Its Prime, or Primed for Tomorrow?
Ezra A. Amsterdam
Sacramento, CA

11:25 a.m.
Panel Discussion with Audience Question and Answer

11:30 a.m.
CT or Not CT: Imaging in Low-Risk Chest Pain Patients
Rita F. Redberg
San Francisco, CA

11:40 a.m.
Panel Discussion with Audience Question and Answer

11:45 a.m.
Reducing Variations in Management: System-Level Approaches, Quality Measurement, and Accreditation
Michael C. Kontos
Glen Allen, VA

11:55 a.m.
Panel Discussion with Audience Question and Answer

12:00 p.m.
Triage THIS! Rapid-Fire Low-Risk Chest Pain Case Presentations With Panel and Audience Discussion
Tiberio M. Frisoli
Detroit, MI

Acute and Stable Ischemic Heart Disease - Scientific Session #664
Controversies in ACS Guidelines
Sunday, March 11, 2018, 10:45 a.m. - 12:15 p.m.
Room 205 A
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Glenn N. Levine
Co-Chair: Stephan Windecker
Panelist: Kevin R. Bainey
Panelist: Deepak L. Bhatt
Panelist: Anthony Gershlick
Panelist: Pinak Bipin Shah

10:45 a.m.
Trans-Atlantic Differences in ACS Guidelines
Kevin R. Bainey
Edmonton, Canada

10:53 a.m.
Panel Discussion With Question and Answer

11:03 a.m.
Radial vs. Femoral Accesss for ACS Patients
Pinak Bipin Shah
Boston, MA

11:12 a.m.
Panel Discussion With Question and Answer

11:22 a.m.
Role of Cangrelor in ACS PCI
Deepak L. Bhatt
Newton, MA

11:30 a.m.
Panel Discussion With Question and Answer
11:40 a.m.
Management of Non Culprit Artery in STEMI
Anthony Gershlick
Leicester, United Kingdom

11:48 a.m.
Panel Discussion With Question and Answer

11:58 a.m.
DAPT Duration for ACS Patients
Robert W. Yeh
Boston, MA

12:06 p.m.
Panel Discussion With Question and Answer

Acute and Stable Ischemic Heart Disease - Scientific Session #679
The Athlete With Ischemic Heart Disease: What Do I Do Now?
Sunday, March 11, 2018, 12:30 p.m. - 1:45 p.m.
Room 206 A
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Michael Scott Emery
Co-Chair: Jonathan H. Kim
Panelist: Matthew W. Martinez
Panelist: Silvana Molossi
Panelist: Paul Thompson
Panelist: Meagan Murphy Wasfy

12:30 p.m.
Incidentally Discovered Anomalous Coronary Arteries in an Athlete
Allison R. Zielinski
Chicago, IL

12:35 p.m.
Panel Discussion with Audience Question and Answer

12:45 p.m.
Cardiac Arrest in a Young Female Athlete
Kelly Wingerter
Ringgold, GA

12:50 p.m.
Panel Discussion with Audience Question and Answer

1:00 p.m.
Endurance Athlete With Chest Pain and an Abnormal ECG
Tamanna Singh
Boston, MA

1:05 p.m.
Panel Discussion with Audience Question and Answer

1:15 p.m.
Cardiac Arrest in a Runner With a History of CABG
Jonathan H. Kim
Atlanta, GA

1:20 p.m.
Panel Discussion with Audience Question and Answer

1:30 p.m.
Patient Engagement and Shared Decision Making: What to Do When the Data Isn’t Class IA

Aaron L. Baggish
Boston, MA

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

Acute and Stable Ischemic Heart Disease - Moderated Poster Contributions
Session #1223M
STEMI Care: Rigs, Risks and... Rigged?
Sunday, March 11, 2018, 12:30 p.m. - 1:45 p.m.
Acute and Stable Ischemic Heart Disease Moderated Poster Theater, Poster Hall, Hall A/B
CME Hours: /CNE Hours:

ACC Poster Moderator: Sahil Khera
ACC Poster Moderator: Grant W. Reed

12:30 p.m.
Utilizations of Emergency Medical Services by Patients With ST-Segments Elevation Acute Myocardial Infarction in China: Findings From China Myocardial Infarction (CAMI) Registry
Jingang Yang, Haiyan Xu, Wei Li, Xiaojin Gao, Yuelin Yang, on behalf of China Acute Myocardial Infarction Registry, Fuwai Hospital, CAMS & PUMC, Beijing, People’s Republic of China

12:40 p.m.
Question and Answer

12:45 p.m.
Temporal Outcomes in STEMI: Heart Failure and Mortality
Michael Raco, Kevin Bainey, Anamaria Savu, Cynthia Westerhout, Justin Ezekowitz, Robert Welsh, Finlay McAlister, Padma Kaul, University of Alberta, Edmonton, Canada

12:55 p.m.
Question and Answer

1:00 p.m.
A Clinically Useful Model to Predict 90-Day Readmission Risk After Hospitalization For Acute Myocardial Infarction
Vinay Kini, Pamela Peterson, John Spertus, Kevin Kennedy, Jason Wasfy, Suzanne Arnold, Steven Bradley, Michael Ho, Jeptha Curtis, Amit Amin, Frederick A. Masoudi, University of Colorado Anschutz Medical Campus, Aurora, CO, USA, St. Luke’s Mid America Heart Institute, Kansas City, MO, USA

1:10 p.m.
Question and Answer

1:15 p.m.
Contemporary Incidence of Recurrent Cardiovascular Events 1 to 3 Years After Myocardial Infarction: Longitudinal US Analysis From NCDR Registries Linked With All-Payer Claims Database
John Spertus, Durgesh Bhandary, Eileen Fonseca, Narinder Bhalla, Massimiliano Alfonzo Manzi, Greta Hoetzter, Amit Amin, Naeem Khan, AstraZeneca, Wilmington, DE, USA, Saint Luke’s Mid America Heart Institute, Kansas City, MO, USA

1:25 p.m.
Question and Answer

1:30 p.m.
Do-Not-Resuscitate Status and Risk-Standardized Mortality For Acute Myocardial Infarction: Implications For Public Reporting and Reimbursement
Jeffrey Bruckel, Brahmajee Nallamothu, Frederick Ling, Erik Howell, Charles Lowenstein, Sabu Thomas, Steven Bradley, Anuj Mehta, Allan Walkley, University of Rochester Medical Center, Rochester, NY, USA

1:40 p.m.
Question and Answer

Acute and Stable Ischemic Heart Disease - Poster Contributions
Session #1262
Special Populations: The Good, the Bad, the Old, the Young and the Sweet Ones (and Others Too!)
Sunday, March 11, 2018, 1:30 p.m. - 4:30 p.m.
Poster Hall, Hall A/B

CME Hours: /CNE Hours:

Brandon Patterson, Debora A. Rausch, Debra E. Irwin, Michael Liang, Songkai Yan, Barbara Yawn, GSK, Philadelphia, PA, USA, Truven Health Analytics, an IBM Company, Durham, NC, USA

436 - Prevalence of Substance Abuse Among Young Adults With Myocardial Infarction
Avinainder Singh, Bradley Collins, David Biery, Arman Qamar, Amber Fatima, Ankur Gupta, Ersilia Delfilippis, Mattheus Ramos, Daniel Pipilas, Khurram Nasir, Marcelo Di Carli, Deepak Bhatt, Ron Blankstein, Brigham and Women's Hospital, Boston, MA, USA

437 - Long-Term Outcomes After Out-of-Hospital Cardiac Arrest in Young Patients With Myocardial Infarction
Ersilia M. Delfilippis, Avinainder Singh, Bradley Collins, Ankur Gupta, Arman Qamar, Amber Fatima, Khurram Nasir, Marcelo Di Carli, Deepak Bhatt, Ron Blankstein, Brigham and Women's Hospital, Boston, MA, USA

438 - Association of Chronic Kidney Disease With Use of Revascularization and In-Hospital Mortality in Patients With Cardiogenic Shock Complicating Acute Myocardial Infarction
Tanush Gupta, Dhaval Kolte, Sahil Khera, Kashish Goel, Pedro Villalbanca, Wilbert Aronow, Anna Bortnick, Gregg C. Fonarow, Charanjit Rihal, Mark Mendegus, Mario J. Garcia, Giara Weisz, Deepak Bhatt, Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY, USA, Brigham and Women's Hospital, Boston, MA, USA

439 - Characteristics of Cardiovascular Disease in Cancer Patients: A Case Control Study
Nachiket Madhav Apte, Magdy Hanna, Parinita Dherange, Deseree Dawson, Jessica Atkins, Prakash Peddi, Pratap Reddy, Jerry McLarty, Richard Mansour, Paari Dominic Swamianthin, LSU Health Sciences Center, Shreveport, LA, USA

440 - Amphetamine Abuse and Acute Myocardial Infarction in the United States
Prashant Patel, Sopan Lahewala, Nirali Patel, Shilpkumar Arora, Byomesh Tripathi, Abbashe Dshmukh, Apurva Badhika, Edo Kaluski, Guthrie Robert Packer Hospital, Sayre, PA, USA

441 - Risk of Myocardial Infarction in Patients With Inflammatory Bowel Disease
Muhammad S. Panhwar, Emad Mansour, Sadeer Al-Kindi, Gregory Cooper, Mahazarin Ginwalla, Case Western Reserve University/University Hospitals of Cleveland, Cleveland, OH, USA

442 - Electrocardiographic Changes After Radiotherapy For Breast Cancer Is a Predictor of Late Cardiovascular Outcome: A Follow-Up of 10 Years
Lafayette W. F. Ramos, Marcos V. F. Ramos, Bárbara Cristina, Cristiano Souza, Eliane Elly, Brazilian Institute for Cancer Control, São Paulo, Brazil

443 - High-Sensitivity Troponin Assays Exhibit Prohibitively High False Positive Rates For Myocardial Infarction in the Elderly: Findings From the AGES Reykjavik Study
Tushar Acharya, Eric Leifer, Thor Aspelund, Gudny Eiriksdottir, Tamara Harris, Lenore Laufer, Vilmundur Gudnason, Andrew Araki, National Institutes of Health, Bethesda, MD, USA, Icelandic Heart Association, Kópavogur, Iceland

444 - Natural History of Diabetic Coronary Atherosclerosis by Quantitative Measurement of Serial Coronary Computed Tomographic Angiography
Michael Shao, Jonathon Leipisc, Ung Kim, Stephanie L. Sellers, Philipp Blanke, Jeroen J. Bax, Daniel Berman, Leslee Shaw, Renu Virmani, Jagat Narula, James K. Min, Hyuk-Jae Chang, St. Paul's Hospital, Vancouver, Canada

445 - 3.2% of Young Subjects Under 45 Years With Acute Myocardial Infarction Have Genetically Verified Familial Hypercholesterolemia
Kirsten Holven, Linn K. L. Øyri, Sigrun Halvorsen, Dan Atar, Trond Leren, Martin Bogsrud, University of Oslo, Oslo, Norway, Oslo University Hospital, Oslo, Norway

446 - The Clinical Significance of Type 2 Myocardial Infarction on Outcome and Major Adverse Cardiovascular Events in Diabetic Ketoacidosis and Hyperosmolar Hyperglycemic State Patients
Abduwalah HBritani, Gregory Schles, Tara Zehrer, Indrajit Choudhuri, Khawaja Afzal Ammar, Rama Hritani, Susan Olet, M. Fuad Jan, Aurora Cardiovascular Services, Aurora Sinai and Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

447 - Impact of Bipolar Disorder on Readmission Rates and Costs After Coronary Artery Bypass Grafting
Yas Sanaia, Yen-Yi Juo, Young-Ji Seo, Peyman Benharash, Ramin Ebrahimi, University of California, Los Angeles, Los Angeles, CA, USA

448 - Impact of Mental Illnesses on Readmission, Re-Intervention Rates, and Costs After Percutaneous Coronary Intervention
Yas Sanaia, Ryan Qu, Yen-Yi Juo, Peyman Benharash, Ramin Ebrahimi, University of California, Los Angeles, Los Angeles, CA, USA

449 - Analysis of Outcomes in Acute Myocardial Infarction in Setting of Cocaine Abuse
Abhishek Mishra, Sopan Lahewala, Prashant Patel, Nirali Patel, Shilpkumar Arora, Byomesh Tripathi, Abbashe Dshmukh, Apurva Badhika, Edo Kaluski, Guthrie Robert Packer Hospital, Sayre, PA, USA

450 - Trends of Acute Myocardial Infarction in Patients With Cocaine and Amphetamine Abuse
Nirali Patel, Sopan Lahewala, Prashant Patel, Shilpkumar Arora, Byomesh Tripathi, Abbashe Dshmukh, Apurva Badhika, RWJ Barnabas Health/Jersey City Medical Center, Jersey City, NJ, USA

451 - Impact of Acute Kidney Injury on Short- and Long-Term Mortality in ST-Segment Elevation Myocardial Infarction and Non-ST-Segment Elevation Myocardial Infarction Patients: The J-MINUET Substudy
Shotaro Kuiji, Masami Kosuge, Kazuo Kimura, Koichi Nakao, Yukio Ozaki, Junya Ako, Teruo Nozugi, Satoshi Yasuda, Satoru Suwa, Kazuteru Fujimoto, Yasuharu Nakamura, Takashi Morita, Wataru Shimizu, Yoshihiko Sato, Atsunori Matsushita, Toshihiro Morita, Teruo Inoue, Atsunori Okamura, Toshiaki Mano, Kazuhito Hirata, Kunihiro Nishimura, Yoshihiro Miyamoto, Hisao Ogawa, Masaharu Inshihara, on behalf of J-MINUET Investigators, Yohokama City University Medical Center, Yokohama, Japan

452 - Diabetic Patients With Acute Myocardial Infarction Had Delayed Hospital Admission Than Non-Diabetic Patients
Katsuomi Iwakura, Atsunori Okamura, Yasushi Koyama, Koichi Inoue, Mutsumi Yamamoto, Hirokazu Nakai, Yuko Hiroa, Koji Tanaka, Takafumi Oka, Yuichi Ninnomiya, Nobuaki Tanaka, Tomohiro Yamazaki, Masato Okada,
453 - Post Myocardial Infarction Heart Failure in Patients Above 80 Years of Age: Clinical Implications and Benefit in Heart Failure Treatment
Anwar J. Siddiqui, Peter Reinus, Martin J. Holzmann, Karolinska University Hospital, Huddinge, Stockholm, Sweden

454 - The Influence Multimorbidity in Older Adults With Diabetes and Stable Ischemic Heart Disease
Abdulla Damiuj, Ashok Krishnasawmi, Daniel Nelson, Mauro Moscucci, Daniel Forman, Sinai Hospital, LifeBridge Health Cardiovascular Institute, Baltimore, MD, USA, Division of Cardiology, Johns Hopkins University, Baltimore, MD, USA

455 - Coronary Artery Bypass Grafting in Octogenarians: Morbidity and Mortality
Thaer Musa, Gbolahan Ogubayo, Naoki Misumida, Ahmed Abdel-Latif, Adrian Messerli, University of Kentucky, Lexington, KY, USA

456 - Impact of Pre-Hospital Resuscitation on Short- and Long-Term Mortality in Patients With Cardiogenic Shock Undergoing Revascularization: Results of the IABP-SHOCK Study
Uwe Zeymer, Steffen Schneider, Ralf Zahn, Karl Werdan, Suzanne de Waha, Steffen Desch, Georg Fuenrau, Holger Thiele, Klinikum Ludwigshafen, Ludwigshafen, Germany, Institut für Herzinfarktforschung, Ludwigshafen, Germany

457 - The Assessment of SOFA Score Predicts Mortality and Neurogenic Outcome in Post-Cardiac Arrest Syndrome Patients
Junji Mastuda, Japan Red Cross Saitama Hospital, Saitama, Japan

458 - ST Elevation Myocardial Infarction in Elderly and Very Elderly Patients
Roberta Montisci, Cristina Cacace, Michela Congia, Maria Francesca Marchetti, Scotto Roberta, Piero Caddeo, Luigi Meloni, Clinical Cardiology University of Cagliari, Cagliari, Italy

459 - Prior Bariatric Surgery Correlates With Improved In-Hospital Mortality and Decreased Hospitalization Cost and Length of Stay Compared to Morbidly Obese Patients With Acute Myocardium Infarction: A Nationwide Analysis From 2006 to 2014
Xin Wei, Hedong Han, Kevin Gu, Chayakrit Krittawong, Bing Yue, Basera Sabharwal, Ahmadreza Moradi, Mario Rodriguez, Karan Sud, Mariam Khandaker, Shuyang Fang, Eyal Herzog, Mount Sinai St. Luke’s Hospital, New York, NY, USA

460 - Gender Specific Factors Associated With Major Adverse Cardiovascular Events: Insights From ACCELERATE
Peta King, Paul Cremer, Stephen Nicholls, A. Lincoff, Venu Menon, Jeffrey Riesmeyer, Giacomo Ruotolo, Julie St John, Ellen McErlean, Steven Nissen, South Australian Health and Medical Research Institute, Adelaide, Australia

461 - South Asian Ethnicity Associated With Narrow Coronary Arteries: A Meta-Analysis
Dev Basu, Hari Pokharel, Anubhoo Tiwari, Medstar Good Samaritan Hospital, Baltimore, MD, USA

462 - Cost-Effectiveness of Ranolazine Added to Standard of Care Treatment in Patients With Chronic Angina and Type 2 Diabetes
Craig J. Coleman, Erin R. Weeda, Elaine Nguyen, Christine Kohn, University of Connecticut, Storrs, CT, USA

463 - National Trends in Outcomes of Non-ST-Elevation Acute Coronary Syndromes in Adults With End-Stage Renal Disease, 2005-2014

464 - Sex Differences in Revascularization and Outcomes of ST-Segment Elevation Myocardial Infarction in Adults Aged 60 Years or Over in the United States
Bing Yue, Chayakrit Krittawong, Xin Wei, Mariam Khandaker, Shuyang Fang, Matthew Tomey, Mount Sinai St. Luke’s Hospital, New York, NY, USA, Mount Sinai West Hospital, New York, NY, USA

465 - Elderly Patients Presenting With STEMI Appear to Present Later Despite Targeted Protocols For Expediting Care
Subir Bhatia, Nandan Sadanand Anavekar, Mohammed Al-Hijji, Jason Sim, Gregory Barsness, Mandeep Singh, Joseph Murphy, Joerg Herrmann, Jacob Colin Jentzer, Malcolm Bell, Scott Wright, Mayo Clinic, Rochester, MN, USA

466 - Audit Referral System For Secondary Prevention of Ischemic Heart Disease: Shizuku Ichimaka, Shizuku Ichimaka, Huddinge Hospital, Huddinge, Stockholm, Sweden

**Acute and Stable Ischemic Heart Disease - Poster Contributions Session #1263**

**Procedural Outcomes in Specific Patient Subsets**

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

**Poster Hall, Hall A/B**

**CME Hours:**

467 - Long-Term Survival Between Off Versus on Pump Coronary Artery Bypass Grafting: A Systematic Review and Meta-Analysis of Randomized Controlled Trials
Udit Thakur, Rahul Muthalaly, Nathan C. Wong, Francis J. Ha, James Cameron, Adam Brown, Julian Smith, Nitesh Nerlekar, Monash Cardiovascular Research Centre, Clayton, Australia

468 - Impact of Major Price Reduction by Government of India For Drug Eluting Stents on Stent Type Implantation and Associated Outcomes
Pariloop Thatt, Parth Parikh, Anish Chandarana, Milan Chag, Vipul Kapoor, Aditi Nanavati, Tejas Patel, Satya Gupta, Hemang Baxi, Urmil Shah, Vineet Sankhla, Neil Jain, Keyur Parikh, CIMS Hospital, Ahmedabad, India, L. M. College of Pharmacy, Ahmedabad, India

469 - Impact of the Age of Frailty on Outcomes After Percutaneous Coronary Intervention in Acute Coronary Syndromes
Beatrice Ricci, Edina Cenko, Zorana Vasiljevic, Goran Stankovic, Sasko Kedev, Marija Vavlukis, Oliver Kalpak, Davor Milicic, Olivia Manfrini, Lina Badimon, Raffaele Bugiardini, University of Bologna, Bologna, Italy

470 - Women With HIV Are Less Likely to Receive Percutaneous Coronary Intervention: A Nationwide Analysis

471 - Impact of Bleeding on the Risk of Acute Kidney Injury in Patients Undergoing Off-Pump Coronary Artery Bypass Grafting
Wei Liu, Beijing Anzhen Hospital, Beijing, People’s Republic of China

472 - Long-Term Follow Up After Coronary Artery Bypass Graft Operation With Refractory Cardiogenic Shock and Extracorporeal Membrane Oxygenation Therapy
Sven Lehmann, Isabell Altmann, Alexandre Hoyer Sepulveda, Khalil Jawad, Piroze Davierwala, Thomas Schroeder, Jens Garbade, Michael Borger, Heart Center Leipzig, Leipzig, Germany
473 - First-in-Man Correlation Between Preoperative Coronary Physiology and the Acute Perfusion Response to Coronary Artery Bypass Grafting: The PERSEUS Pilot Study
Ashesh N. Buch, Hazaim Alwair, Jimmy Efird, Christopher Cook, Ricardo Petracco Da Cunha, Arjun Chagarlamudi, Christopher Gregory, Justin Davies, T. Ferguson, East Carolina Heart Institute at East Carolina University, Greenville, NC, USA, Imperial College, London, United Kingdom

474 - Efficacy of Extracorporeal Shockwave Myocardial Revascularization Therapy in Patients With Stable Angina Pectoris: Multicentre Randomized Double Blind Placebo Controlled Study
Evgeny Shkolnik, Greta Burneiakate, Jelena Celutkiene, Mikhail Scherbak, Gitana Zuoziene, Birute Petrauskiene, Irena Butkviene, Ekaterina Trush, Aleksandras Laucevicius, Yury Vasyuk, Yale New Haven Health Bridgeport Hospital, Bridgeport, CT, USA, Vilnius University Hospital, Vilnius, Lithuania

475 - No Reduction in Bleeding Associated With Bivalirudin Use When Compared to Unfractionated Heparin Among Patients With Stable Ischemic Heart Disease Undergoing Percutaneous Coronary Intervention
Morgan Kellogg, Yi-Ling Huang, Todd A. Mackenzie, Bina Ahmed, Matthew Watkins, Patrick Magnus, Jim Flynn, Peter N. Ver Lee, David Malenka, Samip C. Vasaiwala, The Northern New England Cardiovascular Disease Study Group, Maine Medical Center, Portland, ME, USA, Dartmouth Hitchcock Medical Center, Lebanon, NH, USA

476 - Early Combination Therapy With Simvastatin and Fenofibrate in Patients With Recent Acute Coronary Syndrome and Diabetes Is Safe and Reliably Reduces Lipoprotein (a) Level Along With Other Lipid Indexes
Olena Koval, Tetiana Pugach, Sergiy Romanenko, Pavlo Kaplan, Anastasiya Skoromna, Dnipropetrovsk State Medical Academy, Dnipropetrovsk, Ukraine

477 - Utilization of Mechanical Circulatory Support Devices in Chordae Tendineae and Papillary Muscle Rupture Complicating ST-Elevation Myocardial Infarction: Insights From Nationwide Inpatient Sample
Mohit Pahuja, Mamnohan Singh, Achint Patel, Kinsuk Chauhan, Tushar Mishra, Tomo Ando, Emmanuel Akintoye, Neha Deb Nath, Hossam Elhadi, Ahmad Yassin, Ahmad Subahi, Luis Afonso, Wayne State University, Detroit, MI, USA

478 - Rescue Percutaneous Intervention in ST Elevation Myocardial Infarction-Impact of Regional Transfer Delays in the Midland Region: Time Does Matter
Amit Michael, Karl Coley, Madhav Menon, Gerard Devlin, Chris Nunn, Waikato Hospital, Hamilton, New Zealand

Acute and Stable Ischemic Heart Disease - Poster Contributions Session #1264
Lost in Translation? Part 2
Sunday, March 11, 2018, 1:30 p.m. - 4:30 p.m.
Poster Hall, Hall A/B
CME Hours: /CNE Hours:

479 - Prevalence of Syndrome Z in Patients of Acute Coronary Syndrome and Its Correlation With Angiographic Severity of Coronary Artery Disease
Puneet Gupta, Rishi Sethi, Janakpuri Superspeciality Hospital, New Delhi, India, KGMC, Lucknow, India

480 - Association of GDF11 and Telomere Length With Incident Coronary Outcomes
Oxana Galenko, Richard Cawthon, Stacey Knight, J. Muhlestein, Jeffrey Anderson, John Carlquist, Intermountain Medical Center, Salt Lake City, UT, USA

481 - Visualisation of Human Thrombus Formation in a Translational Model of Deep Coronary Arterial Injury
Yuhong Wang, Lilei Yu, Hao Xia, Hong Jiang, Department of Cardiology, Renmin Hospital of Wuhan University, Wuhan, People's Republic of China

Acute and Stable Ischemic Heart Disease - International Session #519
17th Annual Maseri-Florio International Keynote
Sunday, March 11, 2018, 2:00 p.m. - 3:30 p.m.
Room 304 A
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Mary N. Walsh
Co-Chair: Paul J. Mather
2:00 p.m.
Introduction to Session
Mary N. Walsh
Indianapolis, IN

2:05 p.m.
The 17th Annual Maseri-Florio International Keynote: From Regulation to Inflammation: The Evolving Understanding of Coronary Artery Disease
Alfred A. Bove
Philadelphia, PA

2:55 p.m.
Interview with Alfred Bove, MD, PHD, MACC and Audience Question and Answer
Mary N. Walsh
Indianapolis, IN

3:25 p.m.
Interview with Alfred Bove, MD, PHD, MACC and Audience Question and Answer
Paul J. Mather
Philadelphia, PA

3:25 p.m.
Presentation of Plaque

Acute and Stable Ischemic Heart Disease - International Session #520
Management of Non-culprit Lesions in STEMI Patients With Multivessel Coronary Artery Disease: Is It Really a Small World After All?: International Perspectives From the Brazilian Society of Cardiology, Israel Heart Society, and American College of Cardiol Saturday, March 11, 2018, 2:00 p.m. - 3:30 p.m.
Room 304 E
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Robert A. Shor
Co-Chair: Ran Kornowski
Co-Chair: Oscar Pereira Dutra
2:00 p.m.
Case Study 1: STEMI With Multivessel Coronary Artery Disease, but not in Cardiogenic Shock: How Should we Treat the Patient?
Ronen Jaffe
Haifa, Israel

2:06 p.m.
How Would Brazil Manage the Non-culprit Lesion in STEMI With Multivessel Coronary Artery Disease Based on EBM and According to the Local Practice?
Rogerio E. G. Sarmento Leite
Porto Alegre, Brazil

2:18 p.m.
Conclusion: STEMI With Multivessel Coronary Artery Disease, but not in Cardiogenic Shock: How did we Treat the Patient?
Ronen Jaffe
Haifa, Israel

2:24 p.m.
Modulated Panel Discussion - How to Best Treat the Non-culprit Lesions During a STEMI Without Cardiogenic Shock?

2:36 p.m.
Case Study 2: STEMI With Multivessel CAD in Cardiogenic Shock: How Should we Treat the Patient?
Ludhmila Abrahao Hajjar
São Paulo, Brazil

2:42 p.m.
How Would Israel Manage STEMI With Multivessel CAD in Cardiogenic Shock Based on EBM and According to the Local Practice?
Israel Barbash
Ramat Gan, Israel

2:54 p.m.
Conclusion: STEMI With Multivessel CAD in Cardiogenic Shock: How Did we Treat the Patient?
Ludhmila Abrahao Hajjar
São Paulo, Brazil

3:00 p.m.
Modulated Panel Discussion - How to Best Treat STEMI Patients With Multivessel CAD in Cardiogenic Shock?

3:12 p.m.
How to Manage STEMI Patients With Multivessel Coronary Artery Disease Based on Guidelines and Contemporary: Current Perspectives and Future Directions
Jay S. Giri
Philadelphia, PA

3:24 p.m.
Conclusion and Take Home Message
Ran Kornowski
Petach-Tikva, Israel

3:26 p.m.
Conclusion and Take Home Message
Oscar Pereira Dutra
Porto Alegre, Brazil

3:28 p.m.
Conclusion and Take Home Message
Robert A. Shor
Reston, VA

Acute and Stable Ischemic Heart Disease - Scientific Session #692
The Science and Magic of Decision Making: The Hogwart’s Approach to Ischemic Heart Disease
Sunday, March 11, 2018, 2:00 p.m. - 3:30 p.m.
Room 206 A
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Benjamin M. Scirica
Co-Chair: Harvey D. White
Panelist: John A. Bittl
Panelist: Hani Jneid
Panelist: Freek W. A. A. Verheugt
Panelist: Faisal Bakaeen

2:00 p.m.
Harry Potter’s Case Presentation: A Patient With History of Atrial Fibrillation Who Presents With Acute Myocardial Infarction Requiring PCI
Rasha Al-Bawardy
Boston, MA

2:04 p.m.
Hermoine Granger’s Scientific Review: Direct Oral Anticoagulants (DOACs) and Anti Platelet Therapy Post-PCI
Matthew William Sherwood
Arlington, VA

2:13 p.m.
Albus Dumbledore’s Magical Decision-Making: Single, Dual or Triple Therapy—What Is Best?
Freek W. A. A. Verheugt
Amsterdam, Netherlands

2:20 p.m.
Wizards (Panel) Discussion With Muggles (Audience) Question and Answer on “Single, Dual, or Triple Therapy—What is Best?”

2:30 p.m.
Harry Potter’s Case Presentation: A TAVR Candidate With Multivessel Coronary Artery Disease
Kiruthika Balasundaram
New York, NY

2:34 p.m.
Hermoine Granger’s Scientific Review: What is the Evidence for Pre-TAVR Coronary Revascularization?
Matthew Aaron Cavender
Chapel Hill, NC

2:43 p.m.
Albus Dumbledore’s Magical Decision-Making: to Stent or Not to Stent Before TAVR?
Hani Jneid
Houston, TX

2:50 p.m.
Wizards (Panel) Discussion With Muggles (Audience) Question and Answer on “To Stent or not to Stent Before TAVR?”

3:00 p.m.
Harry Potter’s Case Presentation: STEMI With Multivessel Coronary Artery Disease
Arpit Shah
New York, NY

3:04 p.m.
Hermoine Granger’s Scientific Review: What Is the Evidence for Non-Culprit Revascularization in STEMI?
Jacqueline E. Tamis-Holland
New York, NY

3:13 p.m.
Albus Dumbledore’s Magical Decision-Making: When to Perform Non-Culprit PCI in Patients Presenting With STEMI?
John A. Bittl
Ocala, FL

3:20 p.m.
Wizards (Panel) Discussion With Muggles (Audience) Question and Answer on “When to Perform Non-Culprit PCI in Patients Presenting With STEMI?”

Acute and Stable Ischemic Heart Disease - Moderated Poster Contributions
Session # 1273 M
Surgical Revascularization Outcomes: Has the Clock Struck Midnight?
Sunday, March 11, 2018, 3:45 p.m. - 4:30 p.m.
Acute and Stable Ischemic Heart Disease Moderated Poster Theater, Poster Hall, Hall A/B
CME Hours: /CNE Hours:
ACC Poster Moderator: Andrea Carpenter
ACC Poster Moderator: Jessica Rove

3:45 p.m.
Obesity Is Not Associated With a Differential Outcome Following Coronary Artery Bypass Surgery
Lohit Garg, Sahil Agrawal, Amitoj Singh, Raman Dusaj, Jamshid Shirani, Lehigh Valley Health Network, Allentown, PA, USA

3:55 p.m.
Question and Answer

4:00 p.m.
In Diabetic Patients Multiple Arterial Grafts Improve Long-Term Survival Compared With Conventional Coronary Artery Bypass Surgery or Stents
Chaim Locker, Hartzell Schaff, Brian Lahr, Robert Frye, Richard Daly, Sameh M. Said, John Stulak, Amir Lerman, Joseph Dearani, Malcolm Bell, Mayo Clinic, Rochester, MN, USA

4:10 p.m.
Question and Answer

4:15 p.m.
Contemporary National Trends and Outcomes of Elderly Patients Undergoing Coronary Artery Bypass Grafting: Insights From the National Inpatient Sample
Chad J. Zack, Sunil V. Rao, Manesh Patel, William Jones, Duke University Medical Center, Durham, NC, USA

4:25 p.m.
Question and Answer

Acute and Stable Ischemic Heart Disease - Scientific Session # 707
Beauty Versus the Beast: Implications of Gender in Cardiovascular Disease
Sunday, March 11, 2018, 4:45 p.m. - 6:00 p.m.
Room 207 A
CME Hours: 1.25 /CNE Hours: 1.25
Co-Chair: C. Noel Bairey Merz
Co-Chair: Doreen Defaria Yeh

4:45 p.m.
Pregnancy: The First Physiological Stress Test
Janet Rich-Edwards

4:53 p.m.
Question and Answer

4:57 p.m.
Preeclampsia and Pregnancy Complications
Afshan Hameed
Orange, CA

5:05 p.m.
Question and Answer

5:09 p.m.
How to Start a Women’s Heart Program
C. Noel Bairey Merz
Los Angeles, CA

5:17 p.m.
Question and Answer

5:21 p.m.
ACC Talk: Overview on Gender Based Medicine in Cardiology: State of Science.
Nanette Kass Wenger
Atlanta, GA

5:29 p.m.
Question and Answer

5:33 p.m.
It’s a Small World After All: Implementing Gender Specific Risk Factors Into Clinical Practice
Kathryn Lindley
Saint Louis, MO

5:41 p.m.
Question and Answer

5:45 p.m.
FIT Case Presentation: Gender Based Recommendations for Implementation into Clinical Practice
Erika Jones
Los Angeles, CA

5:53 p.m.
Question and Answer

Acute and Stable Ischemic Heart Disease - Scientific Session # 708
Adoption of High Sensitivity Troponin Assays in the United States
Sunday, March 11, 2018, 4:45 p.m. - 6:00 p.m.
Room 206 A
CME Hours: 1.25 /CNE Hours: 1.25
Co-Chair: Fred S. Apple
Co-Chair: L. Kristin Newby

4:45 p.m.
Development and Performance Characteristics of High Sensitivity Troponin: The Road Travelled
James L. Januzzi
Wellesley, MA

4:57 p.m.
Question and Answer
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<th>Time</th>
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<th>Speaker</th>
<th>Location</th>
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<tbody>
<tr>
<td>5:02 p.m.</td>
<td>Established Benefit of Utilizing High Sensitivity Troponin to Evaluate Chest Pain: The European Experience</td>
<td>Christian Mueller</td>
<td>Basel, Switzerland</td>
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<td>5:14 p.m.</td>
<td>Question and Answer</td>
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<td>5:19 p.m.</td>
<td>Practical Guide to Utilizing High Sensitivity Troponin in the ED: The Algorithm I Will Utilize.</td>
<td>Allan Jaffe</td>
<td>Rochester, MN</td>
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<td>5:31 p.m.</td>
<td>Question and Answer</td>
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<td>5:36 p.m.</td>
<td>Expanding Role of High Sensitivity Troponin in Clinical Practice</td>
<td>James A. de Lemos</td>
<td>Dallas, TX</td>
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<td>5:47 p.m.</td>
<td>Question and Answer</td>
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### Acute and Stable Ischemic Heart Disease - Scientific Session #720

**The Coronary Microcirculation: Where Interventionalists and Physiologists Meet**

**Monday, March 12, 2018, 8:00 a.m. - 9:30 a.m.**

**Room 206 A**

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

**Co-Chair:** Margo B. Minissian  
**Co-Chair:** Carl J. Pepine  
**Panelist:** David L. Brown  
**Panelist:** Rhonda M. Cooper-DeHoff  
**Panelist:** William Fuller Fearon  
**Panelist:** Amir Lerman

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<th>Time</th>
<th>Event</th>
<th>Speaker</th>
<th>Location</th>
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<tr>
<td>8:00 a.m.</td>
<td>Endothelial Dysfunction and Global/Regional Microvascular Dysfunction: Prevalence and Physiology</td>
<td>David L. Brown</td>
<td>Creve Coeur, MO</td>
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<td>8:12 a.m.</td>
<td>Panel Discussion With ARS</td>
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<td>8:19 a.m.</td>
<td>Diagnosing and Differentiating Endothelial and Microvascular Dysfunction in the Cath Lab</td>
<td>William Fuller Fearon</td>
<td>Stanford, CA</td>
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<td>8:31 a.m.</td>
<td>Panel Discussion With ARS</td>
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<td>8:38 a.m.</td>
<td>FIT Case Presentation: Diagnosis of Microvascular Dysfunction in the Cath Lab</td>
<td>Islam Elgendy</td>
<td>Gainesville, FL</td>
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<td>8:46 a.m.</td>
<td>The Intersection of Microvascular Disease and Other Cardiac Disease</td>
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<td>8:56 a.m.</td>
<td>Panel Discussion With ARS</td>
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<tr>
<td>9:03 a.m.</td>
<td>FIT Case Presentation: Differentiating Microvascular Dysfunction From Other Differential Diagnosis</td>
<td>Odayme Quesada</td>
<td>Los Angeles, CA</td>
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<tr>
<td>9:12 a.m.</td>
<td>Therapeutic Targets for Endothelial and Microvascular Dysfunction: Old School and New Kids on the Block</td>
<td>Rhonda M. Cooper-DeHoff</td>
<td>Gainesville, FL</td>
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<tr>
<td>9:24 a.m.</td>
<td>Panel Discussion With ARS</td>
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### Acute and Stable Ischemic Heart Disease - Oral Contributions Session #907

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

**Monday, March 12, 2018, 8:00 a.m. - 9:30 a.m.**

**Room 205 A**

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

**Co-Chair:** Akshay K. Khandelwal  
**Co-Chair:** Jacqueline E. Tamis-Holland

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<th>Time</th>
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<tr>
<td>8:00 a.m.</td>
<td>Year in Review Speaker</td>
<td>Valentin Fuster</td>
<td>New York, NY</td>
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<tr>
<td>8:12 a.m.</td>
<td>Long-Term Mortality and Estimated Functional Capacity Among Women With Symptoms of Ischemic Heart Disease: From the NHLBI-Sponsored Women’s Ischemia Syndrome Evaluation</td>
<td>Islam Elgendy, Li Qian, Yi Guo, Eileen Handberg, C. Noel Bairey Merz, Carl Pepine, University of Florida, Gainesville, FL, USA</td>
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<td>8:22 a.m.</td>
<td>Discussion</td>
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<td>8:25 a.m.</td>
<td>Residual Inflammatory and Cholesterol Risk in the FOURIER Trial</td>
<td>Erin Ann Bohula, Robert Giugliano, Lawrence Leiter, Subodh Verma, Jeong-Gun Park, Peter Sever, Armando Lira Pineda, Narimon Honarpour, Huei Wang, Sabina Murphy, Anthony Keech, Terje Pedersen, Marc Sabatine, TIMI Study Group/Brigham &amp; Women’s, Boston, MA, USA</td>
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<td>8:35 a.m.</td>
<td>Discussion</td>
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<td>8:38 a.m.</td>
<td>Incidence and Etiology of Premature Ticagrelor Discontinuation Across Four Major Clinical Trials: A Meta-Analysis</td>
<td>Kamal Shemisa, Ambarish Pandey, Helen Mayo, Dharam Kumbhani, Sandeep Das, UTSW, Dallas, TX, USA, Trihealth, Cincinnati, OH, USA</td>
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<td>8:48 a.m.</td>
<td>Discussion</td>
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<td>8:51 a.m.</td>
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Association of Pre-Activation of the Cardiac Catheterization Laboratory on Reperfusion Timing Metrics For Patients With ST-Elevation Myocardial Infarction Undergoing Primary Percutaneous coronary Intervention: A Report From Action Registry
Jay Shyavadi, Anita Y. Chen, Joseph Lucas, Alexander Fanaroff, Ajar Kochar, Christopher Fordyce, James Jollis, Jacqueline E. Tamis-Holland, Timothy Henry, Akshay Bagai, Tracy Wang, Michael C. Kontos, Christopher Granger, Matthew Roe, Duke Clinical Research Institute, Durham, NC, USA

9:01 a.m.
Discussion

9:04 a.m.
Acute Myocardial Infarction During Pregnancy and the Puerperium in the United States
Nathaniel Rosso Smilowitz, Navdeep Gupta, Yu Guo, Catherine Weinberg, Harmony Reynolds, Sripari Bangalore, NYU School of Medicine, New York, NY, USA

9:14 a.m.
Discussion

9:17 a.m.
Outcomes of Percutaneous Coronary Intervention in Patients With Non-Atherosclerotic Spontaneous Coronary Artery Dissection
Jacqueline W. L. Saw, Saber Hassan, Andrew Starovoytov, Carolyn Lee, Vancouver General Hospital, Vancouver, Canada

9:27 a.m.
Discussion

Acute and Stable Ischemic Heart Disease - Poster Contributions

Session #1305
Diagnosing Disease and Predicting Future Events: Here Is Your Crystal Ball!
Monday, March 12, 2018, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall A/B
CME Hours: /CNE Hours:

435 - Machine Learning For Improved Detection of Myocardial Infarction in Patients Presenting With Chest Pain in the Emergency Department
Daniel Lindholm, Martin Holzmann, Uppsala University and Uppsala Clinical Research Center, Uppsala, Sweden, Karolinska University Hospital, Huddinge and Karolinska Institutet, Solna, Sweden

436 - Performance of High-Sensitivity Troponins in the Exclusion of Acute Coronary Syndrome in Patients With Chest Pain in the Emergency Department
Hongjie Gabriel Tan, Swee Han Lim, Terrance Chua, Aaron Wong, Anders Olof Sahlen, Su-Mei Angela Koh, Khung Keong Yeo, Natalie Koh, Weiting Huang, Calvin Chin, Fei Gao, Faraz Zarisfi, Eng Hock Marcus Ong, Sohil Equbal Pothisiwala, Yuzeng Shen, Jing Jing Chan, Paul Weng Wan, Chin Pin Yeo, Wai Young Ng, Jack Wei Chieh Tan, National Heart Centre Singapore, Singapore, Singapore General Hospital, Singapore, Singapore

437 - Determining Optimal Troponin I Thresholds to Diagnose Acute Myocardial Infarction
Jeffrey B. Michel, Joon Jin Song, Scott and White Heart and Vascular Institute, Temple, TX, USA, Baylor University, Waco, TX, USA

438 - External Validity of Coronary Artery Disease Consortium Models For Predicting Obstructive Coronary Artery Disease & Cardiovascular Events in Acute Chest Pain Patients Considered For Coronary Computed Tomographic Angiography
Getu G. Teressa, Philip Lavuenburg, Olufumilayo Agunloye, Gregg Cantor, Mengru Zhang, Jie Yang, Pamela Noack, Michael Poon, Stony Brook University Medical Center, Stony Brook, NY, USA, Department of Cardiology, Lenox Hill Hospital, Northwell Health, New York, NY, USA

439 - Survival in Patients With Chest Pain and Stable High-Sensitivity Cardiac Troponin T Levels Versus Patients With Non-ST-Segment Elevation Myocardial Infarction
Andreas Roos, Ulrik Sartipy, Rickard Ljung, Martin Holzmann, Karolinska Institutet, Stockholm, Sweden

440 - Diurnal Variation in Troponin Levels in Patients With Chest Pain in the Emergency Department
Andreas Roos, Martin Holzmann, Department of Medicine, Karolinska Institutet, Solna, Stockholm, Sweden

441 - The Ratio of N-Terminal Pro-Brain Natriuretic Peptide to High Sensitivity Cardiac Troponin to Distinguish Type 1 From Type 2 Acute Myocardial Infarction
Joseph Gibbs, James McCord, Michael Hudson, Michele Moyer, Gordon Jacobsen, Robin Trupp, Richard Nowak, Henry Ford Hospital, Detroit, MI, USA, Roche Diagnostics Corporation, Indianapolis, IN, USA

442 - Cardiac Troponin T Concentrations Measured With a High-Sensitivity Assay Integrate Information on Reversible Myocardial Ischemia and Left Ventricular Mass in Patients With Suspected Stable Angina Pectoris: A DOPPLER-CIP Substudy
Peder Myhre, Torbjorn Omland, Sebastian Sarvari, Frank Rademakers, Jan Engvall, Rosa Sercari, Jose Zamorano, Mark Monaghan, Thor Edvardsen, Helge Rosjo, Akerhus University Hospital, Lorenskog, Norway

443 - Overall and Sex-Specific Reference Ranges For High-Sensitivity Troponin T Gen 5 STAT in the United States
Robert Fitzgerald, Christopher deFilippis, Judd Hollander, W. Frank Peacock, Alexander T. Limkakeng, Nancy Breitenbeck, Joy Rivers, Bleichschmidt Kareen, Carina Dinkel-Keuthage, Roche Diagnostics GmbH, Penzberg, Germany

444 - Diagnostic and Prognostic Value of Coronary Calcium in Combination With Diamond-Forrester Score in Acute Chest Pain Patients
Philip Lavuenburg, Gregg Cantor, Olufumilayo Agunloye, Ivan Cnossija, Erin Taub, Pamela Noack, Michael Poon, Getu Teressa, Stony Brook University Medical Center, Stony Brook, NY, USA

446 - Inpatient Mortality and 30-Day Readmission Rates Associated With Troponin Testing
Kevin Kurian, Gibbs Wilson, Jonathan Urbanczcyk, Jeffrey Michel, Scott & White Medical Center, Temple, TX, USA

447 - Machine Learning Models to Predict In-Hospital Mortality For ST-Elevation Myocardial Infarction: From China Acute Myocardial Infarction (CAMI) Registry
Jingang Yang, Xiang Li, Tiange Chen, Yingxue Li, Guotong Xie, Yuelin Yang, Fuwai Hospital, CAMS & PUMC, Beijing, People’s Republic of China, IBM Research - China, Beijing, People’s Republic of China

448 - Diagnostic Performance of a High-Sensitivity Cardiac Troponin I For Acute Myocardial Infarction Using Sex-Specific 99th Percentiles Derived From the American Association of Clinical Chemistry Universal Sample Bank
Yader Sandoval, Stephen Smith, Anne Sexter, Karen Schulz, Fred Apple, Hennepin County Medical Center, Minneapolis, MN, USA

449 - High-Sensitivity Troponins and Outcomes After Myocardial Infarction
Martin Holzmann, Maria Odqvist, Per-Ola Andersson, Hans Tygesen, Kai Eggers, Karolinska Institutet, Stockholm, Sweden

450 - Performance of Prestabilization Shock Index as a Predictor of Mortality in Patients Admitted With ST-Segment Elevation Myocardial Infarction: The Atherosclerosis Risk in Communities Surveillance Study
451 - Admission Macrophage Migration Inhibitory Factor Predicts Long-Term Prognosis in Patients With ST-Segment Elevation Myocardial Infarction

Xiangning Deng, Xinyu Wang, Haiyi Yu, Shaomin Chen, Xinye Xu, Youyi Zhang, Anthony Dart, Xiaojun Du, Wei Gao, Department of Cardiology, Institute of Vascular Medicine, Peking University Third Hospital, Beijing, People’s Republic of China, Baker Heart and Diabetes Institute, Melbourne, Australia

452 - The PRECISE DAPT Score Can Be Used to Refine Risk Stratification and Predict Short and Long-Term Mortality in Acute MI Patients

Francisco Schiele, Etienne Pyrumiat, Marion Chatot, Francois-Xavier Soto, Fabien De Poli, Jean-Michel Tartière, Pierre Chevalleuere, Guillaume Taldir, Karim Moussa, Jean Ferrières, Tabassome Simon, Nicolas Meneveau, Nicolas Danchin, University Hospital Jean Minjoz, Besancon, France, Hôpital Européen Georges Pompidou, Paris, France

453 - Prediction of In-Hospital Mortality and Length of Stay in Acute Coronary Syndrome Patients Using Machine-Learning Methods

Alexey Yakovlev, Oleg Metsker, Sergey Kovalchuk, Ekaterina Bologova, Almazov National Medical Research Centre, Saint-Petersburg, Russian Federation, ITMO University, Saint-Petersburg, Russian Federation

454 - ST Changes in Electrocardiographic Leads V4-V6 in Patients With Inferior Myocardial Infarction Predict Extent and Distribution of Ischemic Injury as Evaluated by Cardiac Magnetic Resonance: Analysis From the MITOCARE Study

Xiaoming Jia, Einar Heiberg, Maria Ripa, Henrik Engblom, Hakan Arheden, Peter Clemmensen, David Erlinge, Sigrun Halvorsen, Alf Inge Larsen, Jian Erik Danchin, University Hospital Jean Minjoz, Besancon, France, Hôpital Européen Georges Pompidou, Paris, France


456 - Prognostic Value of Electrolyte Imbalance at the Time of Admission in Patients With Acute Myocardial Infarction: Subanalysis From Japanese Registry of Acute Myocardial Infarction Diagnosed by Universal Definition (J-MINUNET) Substudy

Hitoshi Takano, Tatsurou Shimizu, Takeshi Yamamoto, Koichi Nakao, Yukio Ozaki, Kazu Kimura, Junya Ako, Teruo Naguchi, Satoshi Yasuda, Satoru Suwa, Kazuteru Fujimoto, Yasuharu Nakama, Takashi Morita, Yoshiko Saito, Atsushi Hirohata, Morita Yasuhiro, Teruo Inoue, Atsunori Okamura, Toshiaki Mano, Kazuhiro Hirata, Kengo Tanabe, Kunihiro Nishimura, Yoshihiro Miyamoto, Hisao Ogawa, Masaharu Ishihara, J-MINUNET Investigators, Nippon Medical School, Tokyo, Japan

457 - Comparison Between TIMI and GRACE Scores as a Predictor For Short- and Long-Term Outcome in Patients With Acute ST-Elevation Myocardial Infarction

Nitin Chhiparla, Jakarmporn Chaipromprasit, Siriporn Athikul, Voravit Lertsuwanseri, Wacin Buddha, Wasan Udayachalerm, Suphot Srimahachota, Cardiovascular Medicine and Catheterization Laboratory Unit, King Chulalongkorn Memorial Hospital, Bangkok, Thailand

458 - Troponin Level at Presentation Is a Strong Predictor of Outcome For Patients Undergoing Percutaneous Coronary Intervention For ST Elevation Myocardial Infarction: Insights From the Blue Cross Blue Shield of Michigan Cardiovascular Collaborative (BMC2) Registry

Brett Wanamaker, Milan Seth, Devraj Sukul, Simon Dixon, Deepak Bhatt, Ryan Madder, John Rumsfeld, Hitinder Gurm, University of Michigan, Ann Arbor, MI, USA

459 - Unstable Angina in the Era of High-Sensitivity Troponin-Based Rule-Out Strategies

Guglielmo Gallone, Vittoria Vergani, Marco Magnoni, Giulia Angioli, Paola Scaran, Ferruccio Ceriotti, Domenico Cianflone, IRCCS Ospedale San Raffaele Università Vita-Salute Milano, Milan, Italy

460 - Prognostic Implications of a High-Sensitivity Cardiac Troponin T Assay in a Real-Life Population With Non-ST Acute Coronary Syndrome

Guglielmo Gallone, Marco Magnoni, Ferruccio Ceriotti, Vittoria Vergani, Daniela Giorgio, Giulia Angioli, Attilio Maseri, Domenico Cianflone, IRCCS Ospedale San Raffaele Università Vita-Salute Milano, Milan, Italy, Fondazione “Per il Tuo Cuore” Heart Care Foundation ONLUS, Rome, Italy

461 - A Risk Model to Predict In-Hospital Major Adverse Cardiac Events in Acute Coronary Syndrome Patients

Yingxue Li, Xin Du, Tiange Chen, Xiang Li, Guotong Xie, Changsheng Ma, Department of Cardiology, Beijing Anzheng Hospital, Beijing, People’s Republic of China, IBM Research - China, Beijing, People’s Republic of China

462 - Interpreting Cardiac Troponins When Measured in Asymptomatic Patients and Following Acute Injury

Matthew N. Peters, Stephen Seliger, Robert Christenson, Vincent See, Timm Dickfeld, Christopher Defilippi, University of Maryland, Baltimore, MD, USA, INOVA, Fairfax, VA, USA

463 - Prognostic Values of Serum Chloride and Sodium Levels in Patients With Three-Vessel Disease

Ce Zhang, Lin Jiang, Yanyan Zhao, Lei Song, Jingyao Yuan, Fuwai Hospital, Peking Union Medical College, Beijing, People’s Republic of China

464 - Physician Judgment More Accurate Than Diamond-Forrester Risk Score in Predicting Obstructive CAD and Adverse Cardiac Events in Patients With Chest Pain: Insights From the PROMISE Trial

Christopher Fordyce, C. L. Hill, Adrian Coles, Kerry Lee, Daniel Mark, Udo Hoffmann, Manesh Patel, Pamela S. Douglas, University of British Columbia, Vancouver, Canada, Duke Clinical Research Institute, Durham, NC, USA

465 - Can Biomarkers Supplement Functional Ischemia Assessment in Intermediate Risk Chest Pain in the Emergency Department?

Ashish Aneja, Jianbin Shen, Dennis Super, Prasanna Sengodan, Sonika Malik, Sandeep Randhawa, Sanjay Gandhi, MetroHealth Medical Center and Case Western Reserve University, Cleveland, OH, USA

466 - Can a Biomarker Based Approach Predict Stress Testing Results in Patients With Chest Pain

Ashish Aneja, Jianbin Shen, Dennis Super, Sandeep Randhawa, Prasanna Sengodan, Sonika Malik, Sanjay Gandhi, MetroHealth Medical Center, Case Western Reserve University, Cleveland, OH, USA

Abstract: Acute and Stable Ischemic Heart Disease - Poster Contributions Session #1306

Observations With Revascularization: From Stable CAD to STEMI

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

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

467 - From Pilot Trial to Real-World Experience: The Safety of Offsite Percutaneous Coronary Interventions in California

ACC.18 | Program PDF | Acute and Stable Ischemic Heart Disease | Page 23 of 28
William J. Bommer, Mark Kishiyama, Suresh Ram, Holly Hoegh, Jason H. Rogers, Office of Statewide Health Planning, University of California, Davis, Davis, CA, USA

468 - Ad Hoc Percutaneous Coronary Intervention in Patients With Stable Coronary Artery Disease: A Report From the National Cardiovascular Data Registry

Kamil Faridi, Jennifer Rymer, Sunil V. Rao, Dadi (David) Dai, Daniel Wojdyla, Tracy Wang, Beth Israel Deaconess Medical Center, Boston, MA, USA, Duke University Medical Center, Durham, NC, USA

469 - 10-Year Clinical Outcome After Treatment of Coronary Lesions in the Proximal Part of the Left Anterior Descending Artery With Drug-Eluting Stents

Lars Kjøller-Hansen, Henning Kelbaek, Anders Galløe, and the SORT-OUT II Investigators, Zealand University Hospital, Roskilde, Denmark

470 - Does Minimally-Invasive Bypass Surgery Afford a Long-Term Survival Advantage Compared With Drug-Eluting Stent for Isolated Complex Disease of the Left Anterior Descending Coronary Artery?

Nirav C. Patel, Varinder P. Singh, Karthik Seetharam, Jonathan M. Hemli, S. Jacob Scheinerman, Luigi Pirelli, Derek R. Brinster, Cindy L. Grines, Chad A. Kliger, Efstathia A. Mihelis, Michael C. Kim, Lenox Hill Hospital, New York, NY, USA

472 - Coronary Sinus Reducer™ Retains Patency and Efficacy at Twelve Years: A First in Man Prospective Cardiac CT Angiography Outcome Study

Keyur H. Parikh, Parth Parikh, Deepa Shah, Parloop Bhatt, Piyush Thakar, Ajay Naik, Hemang Baxi, Shmuel Banai, CIMS Hospital, Ahmedabad, India, Cleveland Clinic Foundation, Cleveland, OH, USA

473 - Impact of Chronic Kidney Disease Among Diabetic Patients With Stable Coronary Disease Undergoing Surgery, Angioplasty or Medical Treatment in a 10 Year Follow-Up

Daniel Valente Batista, Whady Hueb, Jaime Linhares Filho, Eduardo Lima, Paulo Resende, Diogo Azevedo, Eduardo Martins, Alexandre Hueb, Expedito Silve, Jose Ramires, Roberto Kalil Filho, Heart Institute (InCor) University of Sao Paulo, Sao Paulo, Brazil

474 - Three-Dimensional Diagnostic Ultrasound Sonothrombolysis in Improving Coronary and Microvascular Reperfusion in Acute ST-Elevation Myocardial Infarction

Juefei Wu, Qian Feng, Shifeng Qiu, Jiancheng Xiu, Nanfang Hospital, Southern Medical University, Guangzhou, People’s Republic of China

475 - Clinical Events After Percutaneous Coronary Intervention on Elderly Geriatric Patients

Ryota Sato, Kenji Sakamoto, Seiji Hokimoto, Suguru Nagamatsu, Takayoshi Yamashita, Shuichi Oshima, Ryusuke Tsunoda, Koichi Nakao, Toshiyuki Matsumura, Kazutera Fujimoto, Hideki Shimomura, Yusihuru Izumiya, Sunao Kojima, Hisao Ogawa, Koichi Kaikita, Kenichi Tsujita, Kumamoto University Hospital, Kumamoto, Japan

476 - Outcomes of Different Patterns of Percutaneous Revascularization for Non ST Segment Elevation Acute Coronary Syndrome Patients With Multivessel Coronary Artery Disease

Mohamed Sadaka, Sherif Ayad, Amr Zaki, Ebrahim Saleeb, Faculty of Medicine Alexandria University, Alexandria, Egypt

477 - Predictors, Cost and 30-Day Inpatient Mortality in Patients Undergoing Early Invasive Versus Conservative Management For Unstable Angina/Non ST Elevation Myocardial Infarction: Insights From National Readmission Database

Shanti Patel, Aparna Saha, Priti Poojary, Sumeet Pawar, Jignesh Patel, Kanika Mahajan, Pratik Mondal, Kinsuk Chauhan, Shivkumar Agarwal, Stephan Kamholz, Gerald Hollandier, Jacob Shani, Girish Nadkarni, Maimonides Medical Center, New York, NY, USA, Icahn School of Medicine at Mount Sinai, New York, NY, USA

478 - Incidence and Causes of 30-Day Readmission in Patients Undergoing Early Invasive Versus Conservative Management For Unstable Angina/Non ST Elevation Myocardial Infarction: Insights From National Readmission Database

Shanti Patel, Aparna Saha, Priti Poojary, Sumeet Pawar, Jignesh Patel, Kanika Mahajan, Pratik Mondal, Kinsuk Chauhan, Shivkumar Agarwal, Stephan Kamholz, Gerald Hollandier, Jacob Shani, Girish Nadkarni, Maimonides Medical Center, New York, NY, USA, Icahn School of Medicine at Mount Sinai, New York, NY, USA

Acute and Stable Ischemic Heart Disease - Poster Contributions

Session #1307

Bubbles and Troubles

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

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

479 - Stable Cavitation For Efficient Thrombolysis in Coronary Micro-Circulation: An In-Vitro Experimental Study With Dodecafluoropentane Acoustic Phase-Change Nano-Droplets

Bo Hu, Nan Jiang, Qing Zhou, Sheng Cao, Qing Deng, Jin-Lin Chen, Rui-Qiang Guo, Renmin Hospital of Wuhan University, Wuhan, People’s Republic of China

480 - Cavitation Phenomenon Creating Bubbles and Their Explosion in the Coronary Arteries Caused Damage to the Endothelium and Start the Atherosclerotic Process

Thach N. Nguyen, Nhan Minh Tri Nguyen, Vien Thanh Truong, Viet Minh Vo, Gianluca Rigatelli, Methodist Hospital, Merrillville, IN, USA, Tan Tao University Medical School, E-City Tan Duc, Long An, Viet Nam

481 - The Role of Inflammation in the Pathophysiology of Ruptures

Hiroyuki Jinnouchi, Sho Tori, Maria Romero, Frank Kolodgie, Renu Virmani, Aloke Finn, CVPath Institute, Gaithersburg, MD, USA

482 - Stimulation of Collateral Vessel Growth by Inhibition of Galectin-2 in Mice Using a Single-Domain Llama-Derived Antibody

Maurits Hollander, Matthijs Jansen, Tineke Van der Pouw-Kraan, Edward Dolk, Paul Knaepen, Anton Horrevoets, Esther Lugtens, Niels Van Royen, VU University Medical Center, Amsterdam, The Netherlands

Acute and Stable Ischemic Heart Disease - Moderated Poster Contributions

Session #1316M

Novel Approaches to Anti-Platelet Management: Fantasyland or Frontierland?

Monday, March 12, 2018, 9:45 a.m. - 10:30 a.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

ACC Poster Moderator: David J. Molterno

ACC Poster Moderator: Tracy Wang

9:45 a.m.

The Efficacy and Safety of Cangrelor For Patients Undergoing Single Vessel Versus Multi Vessel Percutaneous Coronary Intervention: Insights From the CHAMPION PHOENIX Trial

Christoph Olivier, Freddy Abnousi, Vandana Sundaram, Jaden Yang, Gregg Stone, Philippe Steg, C. Michael Gibson, Christian Hamm, Matthew Price, Efthymios Deliargyris, Jayne Prats, Harvey White, Robert Harrington, Deepak Bhatt, Kenneth Mahaffey, Celina Yong, on behalf of the CHAMPION PHOENIX Investigators, Stanford University School of Medicine, Stanford, CA, USA
9:55 a.m.
Question and Answer

10:00 a.m.
Ultra-Low-Dose Twice-Daily Aspirin Improves Hemostasis and Maintains Platelet Inhibition in Acute Coronary Syndrome Patients Receiving Ticagrelor
William Parker, Rachel C. Orme, Wael Sumaya, Jessica Hanson, Hannah Stokes, Hannah McMellon, Patricia Shaw, Heather Judge, Robert Storey, University of Sheffield, Sheffield, United Kingdom, Sheffield Teaching Hospitals NHS Foundation Trust, Sheffield, United Kingdom

10:10 a.m.
Question and Answer

10:15 a.m.
Do COMPASS Trial Participants Represent Patients in Everyday Practice?
Xiaoxi Yao, Bernard Gersh, Lindsey Sangaralingham, Nilay Shah, Peter Noseworthy. Mayo Clinic, Rochester, MN, USA

10:25 a.m.
Question and Answer

Acute and Stable Ischemic Heart Disease - Scientific Session #730
Spontaneous Coronary Artery Dissection: A Real Villain
Monday, March 12, 2018, 10:45 a.m. - 12:15 p.m.
Room 206 A
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Amir Lerman
Co-Chair: Puja K. Mehta

10:45 a.m.
The Kingdom of SCAD: Demographics and Prevalence
Sharonne Hayes
Rochester, MN

10:57 a.m.
The Seven Dwarfs of Diagnosing SCAD: What Tests Are Best?
Janet Wei
Los Angeles, CA

11:09 a.m.
The Prince of Cardiology: A General Cardiologist Approach to SCAD
John P. Erwin, III
Temple, TX

11:21 a.m.
Mirror, Mirror: To Treat or Not to Treat SCAD
Rajiv Gulati
Rochester, MN

11:33 a.m.
Case Presentation
Stephanie Cantu
West Hollywood, CA

11:41 a.m.
Happily Ever After? The Psychological Aftermath: How Best to Help Patients Through the Trauma
Katharine S. Edwards
Stanford, CA

11:53 a.m.
Question and Answer

Acute and Stable Ischemic Heart Disease - Scientific Session #731
Acute Cardiogenic Shock: Progress, Paradigms, and Problems
Monday, March 12, 2018, 10:45 a.m. - 12:15 p.m.
Room 205 A
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Venu Menon
Co-Chair: Judith S. Hochman
Panelist: Deborah Klein
Panelist: Erik Magnus Ohman
Panelist: Theodore L. Schreiber
Panelist: Joseph Parrillo
Panelist: Holger Thiele

10:45 a.m.
Medical Approaches to Cardiogenic Shock
Sean Van Diepen
Edmonton, Canada

10:55 a.m.
Panel Discussion

11:03 a.m.
Current Status and Trends in Cardiogenic Shock
Erin Ann Bohula
Boston, MA

11:13 a.m.
Panel Discussion

11:21 a.m.
Mechanical Circulatory Support - When, Who, How?
Navin Kapur
Hanover, MA

11:31 a.m.
Panel Discussion

11:39 a.m.
Monitoring of Hemodynamics and End-Organ Perfusion in Cardiogenic Shock
Arvind Bhimaraj
Houston, TX

11:49 a.m.
Panel Discussion

11:57 a.m.
Future Directions and Unresolved Problems in Acute Cardiogenic Shock
Holger Thiele
Leipzig, Germany

12:07 p.m.
Panel Discussion

Acute and Stable Ischemic Heart Disease - Hands-on Skills Learning Session #1547
Hands-On Simulation Skills Training: Clinical Judgement Challenge Station . . . Body Interact Simulation Platform
Monday, March 12, 2018, 12:30 p.m. - 1:30 p.m.
Personalized Skills and Simulation Center: Lounge & Learn, Hall C
CME Hours: /CNE Hours:

12:30 p.m.
Faculty: Clinical Judgement Challenge Station
Matthew W. Martinez
Allentown, PA
Acute and Stable Ischemic Heart Disease - International Session #527
The Impact of Guidelines on Risk Reduction: International Perspectives from the National Heart Association of Malaysia, Taiwan Society of Cardiology, and American College of Cardiology
Monday, March 12, 2018, 12:30 p.m. - 1:45 p.m.
Room 304 E
CME Hours: 1.25 /CNE Hours: 1.25
Co-Chair: B. Hadley Wilson
Co-Chair: Wan Azman Wan Ahmad
Co-Chair: Jiunn-Lee Lin
12:30 p.m.
Introduction to Session
B. Hadley Wilson
Charlotte, NC
12:35 p.m.
Key Highlights of Malaysian National Cardiovascular Database (NCVD) Over the Last 10 Years
Ahmad Syahdi Mahmud Zuhdi
Kuala Lumpur, Malaysia
12:44 p.m.
Audience Question and Answer
12:49 p.m.
NCVD Data to Guidelines and Practice
Alan Yean Yip Fong
Sarawak, Malaysia
12:58 p.m.
Audience Question and Answer
1:03 p.m.
Taiwan Society ACS Guidelines
Yi-Heng Li
Tainan 704, Taiwan
1:12 p.m.
Audience Question and Answer
1:17 p.m.
Improvement of Getting With ACS Guidelines from Taiwan ACS-Full Spectrum Registry to ACS-DM Registry in Taiwan
Kou-Gi Shyu
Taipei, Taiwan
1:26 p.m.
Audience Question and Answer
1:31 p.m.
Regionalization of STEMI Care in ACTION: National and International Perspectives
James G. Jollis
Raleigh, NC
1:40 p.m.
Audience Question and Answer

Acute and Stable Ischemic Heart Disease - Scientific Session #746
Analyzing the Data: Blockbuster Trials in Acute and Stable Ischemic Heart Disease
Monday, March 12, 2018, 12:30 p.m. - 1:45 p.m.
Room 206 A
CME Hours: 1.25 /CNE Hours: 1.25
Co-Chair: Laura Mauri
Co-Chair: Harvey D. White
Panelist: Christopher P. Cannon
Panelist: Morton J. Kern
Panelist: Dharam J. Kumbhani
Panelist: Philippe Gabriel Steg
12:30 p.m.
COMPASS: Rivaroxaban for the Prevention of Major Cardiovascular Events in Coronary or Peripheral Artery Disease
Sonia Anand
Hamilton, Canada
12:37 p.m.
Panel Discussion of COMPASS Trial
12:45 p.m.
COMPARE-ACUTE: Fractional Flow Reserve-guided Multivessel Angioplasty in Myocardial Infarction
Elmir Omerovic
Gothenburg, Sweden
12:52 p.m.
Panel Discussion of COMPARE ACUTE Trial
1:00 p.m.
CANTOS: The Canakinumab Anti-Inflammatory Thrombosis Outcomes Study
Paul M. Ridker
Boston, MA
1:07 p.m.
Panel Discussion of CANTOS Trial
1:15 p.m.
SYNTAX II: Synergy Between Percutaneous Coronary Intervention With Taxus and Cardiac Surgery
Javier Escaned
Madrid, Spain
1:22 p.m.
Panel Discussion of SYNTAX II Trial
1:30 p.m.
The Bivalirudin Versus Heparin in Non-ST and ST-Segment Elevation Myocardial Infarction in Patients on Modern Antiplatelet Therapy in SWEDHEART
Stefan K. James
Uppsala, Sweden
1:37 p.m.
Panel Discussion of the Bivalirudin Versus Heparin in Non-ST and ST-Segment Elevation Myocardial Infarction in Patients on Modern Antiplatelet Therapy in SWEDHEART
Acute and Stable Ischemic Heart Disease - Scientific Session #747
Challenges in NSTEMI Management
Monday, March 12, 2018, 12:30 p.m. - 1:45 p.m.
Room 205 A
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Henry E. Kim
Co-Chair: Michael W. Rich
Panelist: Jonathan Afilalo
Panelist: Muzaffer Murat Degertekin
Panelist: Rhynn Malloy

12:30 p.m.
Case Presentation: Anticoagulation Management in a Patient With High Bleeding Risk and Indications for “Triple Therapy”
Thomas Koshy
Dallas, TX

12:36 p.m.
Panel Discussion with Audience Question and Answer

12:45 p.m.
Case Presentation: NSTEMI Revascularization Strategy in a Complicated Diabetic Patient
Akhil Narang
Chicago, IL

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

1:00 p.m.
Case Presentation: NSTEMI Management in a Patient Post-Operative From Non-Cardiac Surgery
Jorge Padilla Ibarra
Washington, DC

1:06 p.m.
Panel Discussion with Audience Question and Answer

1:15 p.m.
Case Presentation: Management of NSTEMI in the Setting of Frailty and Cognitive Impairment
Gray Akoegbe
Detroit, MI

1:21 p.m.
Panel Discussion with Audience Question and Answer

1:30 p.m.
Case Presentation: Troponin Elevation in the Medical ICU Patient: Is It A NSTEMI?
Adam Shpigel
Saint Louis, MO

1:36 p.m.
Panel Discussion with Audience Question and Answer

Acute and Stable Ischemic Heart Disease - Moderated Poster Contributions
Session #1325M
The Carousel of Progress in ASIHD
Monday, March 12, 2018, 12:30 p.m. - 1:45 p.m.
Acute and Stable Ischemic Heart Disease Moderated Poster Theater, Poster Hall, Hall A/B
CME Hours: /CNE Hours:

ACC Poster Moderator: Richard G. Bach
ACC Poster Moderator: L. Kristin Newby

12:30 p.m.
Infection Is a Risk Factor For Ischemic Heart Disease and Stroke and Impacts Long-Term Mortality: Insights Utilising Big Data From the UK ACALM Registry
Paul Carter, Hardeep Uppal, Kevin Bainey, Rahul Potluri, ACALM Study Unit, Aston University, Birmingham, United Kingdom

12:40 p.m.
Question and Answer

12:45 p.m.
Elevated Levels of the Neutrophil to Lymphocyte Ratio Predicts Incidence of Major Adverse Cardiovascular Events in High Risk Patients: Insights From ACCELERATE
Adam J. Nelson, Stephen Nicholls, A. Lincoff, Venu Menon, Jeffrey Riesmeyer, Giacomo Ruotolo, Kathy Wolski, Ellen McErlean, Steven Nissen, Cleveland Clinic, Cleveland, OH, USA, South Australian Health and Medical Research Institute, Adelaide, Australia

12:55 p.m.
Question and Answer

1:00 p.m.
Specific Adaptive Immune System Signature and Plaque Fissure: An Optical Coherence Tomography Study in Acute Coronary Syndrome
Aureliano Ruggio, Daniela Pedicino, Rocco Antonio Montone, Rocco Vergallo, Gianmarco Annibali, Davide Flego, Anna Severino, Ramona Vinci, Eugenia Pisano, Claudia Lucci, Italo Porto, Cristina Aurigemma, Giampaolo Niccoli, Filippo Crea, Giovanna Liuzzo, Catholic University of the Sacred Heart, Fondazione Policlinico Universitario A. Gemelli, Rome, Italy

1:10 p.m.
Question and Answer

1:15 p.m.
The Impact of Circulating Galectin-3 Levels on Long-Term Outcomes After Myocardial Infarction in the Community
Rabea Asleh, Maurice Enriquez-Sarano, Allan Jaffe, Sheila Manemann, Susan Weston, Ruoxiang Jiang, Veronique Roger, Mayo Clinic, Rochester, MN, USA

1:25 p.m.
Question and Answer

1:30 p.m.
Confirmative Phase III Global Clinical Trial of a Botanical Drug in Patients With Chronic Stable Angina (CAESA): New Treatment Options For Myocardial Ischemia Heart Disease
Henry Sun, Zhixin Guo, Lingyan Li, Naifeng Wu, Kaijing Yan, Xijun Yan, CAESA Clinical Trial Investigators, CAESA Working Group Members, Tasly Pharmaceuticals Inc., Rockville, MD, USA, Tasly Pharmaceutical Group Co. Ltd., Tianjin, People’s Republic of China

1:40 p.m.
Question and Answer
**Acute and Stable Ischemic Heart Disease - Scientific**

**Session #761**

*What is the PROMISE of ISCHEMIA: Now Thrown Into ORBITA?*

**Monday, March 12, 2018, 2:00 p.m. - 3:30 p.m.**

**Room 206 A**

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

Co-Chair: Pamela S. Douglas  
Co-Chair: Judith S. Hochman  
Panelist: Karen P. Alexander  
Panelist: Dharam J. Kumbhani  
Panelist: Mandeep S. Sidhu  
Panelist: Erik Magnus Ohman

**2:00 p.m.**  
Non-Invasive Risk Stratification in Stable Angina: Anatomical Perspective  
Udo Hoffmann  
Boston, MA

**2:08 p.m.**  
Non-Invasive Risk Stratification in Stable Angina: Functional Perspective  
Rory Hachamovitch  
Cleveland, OH

**2:16 p.m.**  
Panel Discussion With Question and Answer

**2:30 p.m.**  
Debate: Non-Invasive Risk Stratification Is the Optimal Gatekeeper for Revascularization in Stable Angina  
Marcelo F. Di Carli  
Boston, MA

**2:38 p.m.**  
Debate: Angiography is the Optimal Gatekeeper for Revascularization in Stable Angina  
Ajay J. Kirtane  
New York, NY

**2:46 p.m.**  
Debate: The AUC document Is the Optimal Gatekeeper for Revascularization in Stable Angina  
Manesh R. Patel  
Durham, NC

**2:54 p.m.**  
Panel Discussion With Question and Answer

**3:08 p.m.**  
Perspective on Management of Stable CAD: What Have We Learned From COURAGE, ISCHEMIA, ORBITA, and Other Studies?  
David Maron  
Stanford, CA

**3:16 p.m.**  
Panel Discussion With Question and Answer

**Acute and Stable Ischemic Heart Disease - Scientific**

**Session #762**

*Next Generation Cardiac Rehabilitation: More Than A Gym?*

**Monday, March 12, 2018, 2:00 p.m. - 3:30 p.m.**

**Room 205 A**

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

Co-Chair: Alison Bailey  
Co-Chair: Martha Gulati

**2:00 p.m.**  
The Current State of Cardiovascular Rehab  
Todd M. Brown  
Birmingham, AL

**2:10 p.m.**  
Panel Discussion with Audience Question and Answer

**2:18 p.m.**  
Cardiac Rehab in the Crossroads: New Payment Models and New Opportunities  
Thomas A. Draper  
Charlotte, NC

**2:28 p.m.**  
Panel Discussion with Audience Question and Answer

**2:36 p.m.**  
Advocacy in Action: Improving Access for Cardiac Rehab, Senate Bill 1361/House Bill 1155  
Alison Bailey  
Chattanooga, TN

**2:46 p.m.**  
Panel Discussion with Audience Question and Answer

**2:54 p.m.**  
Models of Innovative Cardiac Rehab programs  
Kathleen Traynor  
Boston, MA

**3:04 p.m.**  
Panel Discussion with Audience Question and Answer

**3:12 p.m.**  
Transforming Cardiac Rehab: Technology Innovations and Wearable Device Integration  
Alexis L. Beatty  
Seattle, WA

**3:22 p.m.**  
Panel Discussion with Audience Question and Answer