



Heart Failure and Cardiomyopathies - Scientific Session #602
From Left to Right: Pulmonary Hypertension in Left Heart Disease
Saturday, March 10, 2018, 8:00 a.m. - 9:30 a.m.
Room 315 A
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Mardi Gomberg-Maitland
 Co-Chair: Myung H. Park

8:00 a.m.
 Defining the Hemodynamics in PH-LHD: Have We Reached a Consensus?
 Barry Borlaug
 Rochester, MN

8:15 a.m.
 Combined Pre and Post Capillary Pulmonary Hypertension: A Distinct Phenotype?
 Lisa Mielniczuk
 Boston, MA

8:30 a.m.
 Pulmonary Vasodilators Have a Role in the Treatment of PH-LHD
 Marco Guazzi
 Milan, Italy

8:40 a.m.
 Pulmonary Vasodilators Have a Role in the Treatment of PH-LHD
 Paul Forfia
 Philadelphia, PA

8:50 a.m.
 Rebuttal (Pro)
 Marco Guazzi
 Milan, Italy

8:55 a.m.
 Rebuttal (Con)
 Paul Forfia
 Philadelphia, PA

9:00 a.m.
 Pulmonary Hypertension in Heart Transplant Candidates: How Can I Make My Patient Eligible?
 Ryan James Tedford
 Mount Pleasant, SC

9:15 a.m.
 Panel Discussion With Question and Answer

Heart Failure and Cardiomyopathies - Scientific Session #603
HELP! My Patient With Heart Disease Is Now Pregnant
Saturday, March 10, 2018, 8:00 a.m. - 9:30 a.m.
Room 312 A
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Zoltan Arany
 Co-Chair: Uri Elkayam

8:00 a.m.

Case Based Panel Discussion: Improving Outcomes for Mom and Baby
 Katherine Arendt
 Rochester, MN

8:00 a.m.
 Case Based Panel Discussion: Improving Outcomes for Mom and Baby
 Lisa D. Levine
 Philadelphia, PA

8:10 a.m.
 Preeclampsia: Basic Evidence to Optimize Prediction and Management
 Jennifer Lewey
 Philadelphia, PA

8:22 a.m.
 Preeclampsia and Peripartum Cardiomyopathy: What Is the Interaction Between the Two?
 Kathryn Lindley
 Saint Louis, MO

8:34 a.m.
 Peripartum Cardiomyopathy: Clinical Outcomes in IPAC
 Dennis M. McNamara
 Pittsburgh, PA

8:46 a.m.
 Cardiovascular Emergencies in Pregnancy
 Athena Poppas
 Providence, RI

8:58 a.m.
 Valvular Disease in Pregnancy
 Candice Silversides
 Toronto, Canada

9:10 a.m.
 Case Presentation: Improving Outcomes for Mom and Baby
 Uri Elkayam
 Los Angeles, CA

9:15 a.m.
 Question and Answer

Heart Failure and Cardiomyopathies - Poster Contributions
Session #1104
Stage D Heart Failure: A Glimpse of the Future
Saturday, March 10, 2018, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall A/B
CME Hours: /CNE Hours:

047 - Racial Differences in Trends of Orthotopic Heart Transplantation and Left Ventricular Assist Device: Impact of Medicaid Cuts on End-Stage Heart Failure Landscape
 Nirav Patel, Rajat Kalra, Rajkumar Doshi, Navkaranbir Bajaj, Garima Arora, Pankaj Arora, University of Alabama at Birmingham, Birmingham, AL, USA



049 - Outcomes of Patients Bridged With Continuous Flow-Left Ventricular Assist Device to Repeat Heart Transplant Compared to First Heart Transplant: A Propensity Scoring Matched Analysis of the UNOS Database

Setri Fugar, Ahmed Kolkailah, Ahmed Al-Ogaili, Ali Ayoub, Muhammad Khan, Alfred Solomon, Chimezie Mbachi, Jayakumar Sreenivasan, Ijeoma Ezeife, Alexis Okoh, John H. Stroger Hospital, Chicago, IL, USA

050 - Left Ventricular Assist Devices (LVADs) Re-Hospitalization Demographics and Trends in 2014

Aniket Rali, Venkat Vuddanda, Zubair Shah, Reza Masoomi, Bhanu Gupta, Nicholas Haglund, Travis Abicht, Andrew Sauer, University of Kansas Medical Center, Kansas City, KS, USA

051 - Alemtuzumab Induction Versus Standard Immunosuppression in Heart Transplant Recipients

Stormi Gale, Bharath Ravichandran, Vijay Ivaturi, Van-Khue Ton, Brent Reed, University of Maryland School of Pharmacy, Baltimore, MD, USA, University of Maryland Medical Center, Baltimore, MD, USA

052 - The Impact of Advanced Therapies in Improving Survival to Heart Transplant in Hypertrophic Cardiomyopathy

Ethan Rowin, Barry J. Maron, Patrick Abt, Michael Kiernan, Amanda Vest, Fred Costantino, Martin Maron, David DeNofrio, Tufts Medical Center, Boston, MA, USA

053 - Pre-Transplant Use of Amiodarone in Pre-Transplant Cardiomyopathy Patients Is Associated With Increased Cardiovascular Risk: A Meta-Analysis

Jai Parekh, Gaurav Aggarwal, Abhishek Thandra, Rohit R. Arora, Venkata Alla, Creighton University Medical Center, Omaha, NE, USA

054 - Renal Outcomes of Adult Patients on Venous-Arterial Extracorporeal Membrane Oxygenator (VA-ECMO) Based on 2012 Kidney Disease Improving Global Outcomes (KDIGO) Staging of Acute Kidney Injury (AKI)

Savneek Chugh, Maureen Brogan, Wilbert Aronow, Venkata Buddharaju, Alan Gass, Rudrick Ledesma, Anna Koulova, Masashi Kai, Chul Ahn, David Spielvogel, Ramin Malekan, Joshua Goldberg, Westchester Medical Center, Valhalla, NY, USA

055 - Nationwide Trends and Outcomes of Temporary Mechanical Circulatory Support For Cardiogenic Shock After Cardiac Surgery

Saraschandra Vallabhajosyula, Shilpkumar Arora, Ankit Sakhuja, Sopan Lahewala, Varun Kumar, Ghanshyam P. S. Shantha, Bernard J. Gersh, Rajiv Gulati, Abhiram Prasad, Abhishek J. Deshmukh, Mayo Clinic, Rochester, MN, USA

056 - Predictors of In-Hospital Mortality in Patients Undergoing Venous-Arterial Extracorporeal Membrane Oxygenation (VA-ECMO)

Anna Koulova, Venkata Buddharaju, Rudrick Ledesma, Savneek Chugh, Maureen Brogan, Julio A. Panza, Joshua Goldberg, Masashi Kai, Ramin Malekan, David Spielvogel, Wilbert Aronow, Chul Ahn, Alan Gass, Westchester Medical Center, Valhalla, NY, USA

057 - Long-Term Follow-Up in 1501 Patients After Extracorporeal Membrane Oxygenation Therapy For Refractory Cardiogenic Shock

Sven Lehmann, Fabian Emrich, Alexandro Hoyer Sepulveda, Khalil Jawad, Maya Dieterlen, Anna K. Funkat, Jens Garbade, Michael Borger, Heart Center Leipzig, Leipzig, Germany

058 - Predictors and Impact of De Novo Aortic Regurgitation in Patients With Continuous Flow Left Ventricular Assist Devices

Jeong Rang Park, Peter A. Brady, Alfredo Clavell, Joseph Maleszewski, Vuyisile Nkomo, Sorin Pislaru, John Stulak, Grace Lin, Mayo Clinic, Rochester, MN, USA

Heart Failure and Cardiomyopathies - Poster

Contributions

Session #1105

Cardiotoxicity, Cardiomyopathies and Heart Failure Readmissions

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

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

059 - Pregnancy Outcomes in Patients With and Without Cancer-Treatment-Related Cardiac Dysfunction: A Systematic Review and Meta-Analysis

Mark T. Nolan, Nazanin Aghel, Eitan Amir, Shiyong Liu, Candice Silversides, Cynthia Maxwell, Paaladinesh Thavendiranathan, Division of Cardiology, Ted Rogers Program in Cardiotoxicity Prevention, University Health Network, Toronto, Canada, Cardiometabolic Division, Menzies Institute for Medical Research, Hobart, Australia

060 - Temporal Changes in Diastolic Function in Women With Breast Cancer Receiving Sequential Therapy With Anthracycline and Trastuzumab

Mark T. Nolan, Jennifer Meloche, Eitan Amir, Christine M. Brezden, Babitha Thampinathan, Maria Michalowska, Anna Woo, Bernd Wintersperger, Paaladinesh Thavendiranathan, Ted Rogers Program in Cardiotoxicity Prevention, University Health Network, University of Toronto, Toronto, Canada, Menzies Institute for Medical Research, Hobart, Australia

061 - Cardiac Outcomes of Trastuzumab Therapy in Patients With HER2-Positive Breast Cancer and Reduced Ejection Fraction

Yasin Hussain, Chau Dang, Richard Steingart, Jennifer Liu, Anthony F. Yu, Memorial Sloan Kettering Cancer Center, New York, NY, USA

062 - Prospective Evaluation of Circulating Biomarkers as Predictors of Cardiotoxicity in Patients With HER2-Positive Breast Cancer Receiving Anthracyclines and Trastuzumab

Anthony F. Yu, Andrea Knezevic, Chaya Moskowitz, Chau Dang, Lakshmi Ramanathan, Kevin Oeffinger, Jennifer Liu, Richard Steingart, Memorial Sloan Kettering Cancer Center, New York, NY, USA

063 - Outcomes of Tako Tsubo Cardiomyopathy in Obese Patients: A 5-Year Nationwide Analysis

Mario Rodriguez, Basera Sabharwal, Chayakrit Krittanawong, Xin Wei, Elijah Verheyen, Eyal Herzog, Icahn School of Medicine at Mount Sinai St. Luke's Hospital, New York, NY, USA

064 - The Effect of Cancer on Outcomes of Acute Heart Failure Exacerbations: A 5-Year Nationwide Analysis



Mario Rodriguez, Basera Sabharwal, Xin Wei, Chayakrit Krittanawong, Elijah Verheyen, Eyal Herzog, Icahn School of Medicine at Mount Sinai St. Luke's Hospital, New York, NY, USA

065 - Retrospective Analysis of Cardiac Medications in the Prevention of Cardiotoxicity in Trastuzumab-Treated Her2 Positive Breast Cancer Patients

Melissa Moey, Darla K. Liles, Blase Carabello, East Carolina University, Greenville, NC, USA

066 - Short and Long Term Risk of Congestive Heart Failure in Breast Cancer and Lymphoma Patients Compared to Controls: An Epidemiologic Study

Carolyn Larsen, Harika Dasari, Maria C. Arciniegas Calle, Juan Rico Mesa, Christopher Scott, Carrie A. Thompson, James Cerhan, Tufia C. Haddad, Matthew P. Goetz, Joerg Herrmann, Hector Villarraga, Mayo Clinic, Rochester, MN, USA

067 - A Tool For Personalized Decision Making: A Clinical Prediction Model For Anthracycline Cardiotoxicity in Early Stage Breast Cancer

Jenica Upshaw, Robin Ruthazer, Kathy Miller, Susan Parsons, John Erban, Anne O'Neill, Lynne Wagner, George Sledge, Bonnie Ky, David Kent, Tufts Medical Center, Boston, MA, USA

068 - National Outcomes in Hospitalized Cancer Patients With Co-Morbid Heart Failure

Mirela Tuzovic, Eric H. Yang, Rene Packard, Boback Ziaieian, UCLA Medical Center, Los Angeles, CA, USA, VA Medical Center, Los Angeles, CA, USA

069 - Use of an Electronic Health Records Registry to Identify Care Gaps in Cardiovascular Care of Cancer Patients

Steven Phillips, Duwayne Willett, Sandeep Das, Evan Sara, Vaishnavi Kannan, Vlad Zaha, University of Texas Southwestern, Dallas, TX, USA

070 - Myocarditis in Patients Treated With Immune Checkpoint Inhibitors

Syed Mahmood, Michael G. Fradley, Justine V. Cohen, Anju Nohria, Kerry L. Reynolds, Lucie M. Heinzerling, Ryan J. Sullivan, Rongras Damrongwatanasuk, Carol Chen, Dipti Gupta, Michael C. Kirchberger, Javid Moslehi, Sachin Shah, Sarju Ganatra, Paaladinesh Thavendiranathan, Donald P. Lawrence, John D. Groarke, Tomas G. Neilan, Massachusetts General Hospital, Boston, MA, USA

071 - Predictors of Cardiovascular Mortality Among Patients With Non-Hodgkin Lymphoma

Hasan Abuamsha, Amer N. Kadri, Guilherme H. Oliveira, Adrian V. Hernandez, St. Vincent Charity Medical Center and Case Western Reserve University, Cleveland, OH, USA, Cleveland Clinic Foundation, Cleveland, OH, USA

073 - Dynamic Changes in High Sensitivity Cardiac Troponin I in Response to Anthracycline-Based Chemotherapy: A Pilot Study For the Cardiac CARE Trial

Philip D. Adamson, Peter Hall, Ninian Lang, Iain Macpherson, Olga Oikonomidou, Morag Maclean, Steff Lewis, Heather McVickers, David Newby, Nicholas Mills, Peter Henriksen, University of

Edinburgh, Edinburgh, United Kingdom, University of Glasgow, Glasgow, United Kingdom

074 - Heart Failure With Preserved Ejection Fraction Is a Common Cardiac Event, and Left Ventricular Ejection Fraction Has Limited Utility as a Screening Tool, During Proteasome Inhibitor Therapy For Multiple Myeloma

Cherie N. Dahm, Robert F. Cornell, Bonnie Ky, Trafina Jadhav, Amanda M. Smith, Deepak Gupta, Daniel J. Lenihan, Vanderbilt University Medical Center, Nashville, TN, USA

075 - Dilated Cardiomyopathy With Midrange Ejection Fraction at Diagnosis: Characterization and Natural History

Marco Merlo, Piero Gentile, Marco Gobbo, Giulia Barbatì, Marta Gigli, Bruno Pinamonti, Gianfranco Sinagra, Cardiovascular Department, Azienda Sanitaria Universitaria Integrata and University of Trieste, Trieste, Italy

076 - Sex Differences in the Natural History and Outcome of Dilated Cardiomyopathy

Brian Halliday, Ankur Gulati, Aamir Ali, Simon Newsome, Amrit Lota, Upasana Tayal, Vass Vassiliou, Monika Arzanauskaite, Cemil Izgi, Stuart Cook, Dudley Pennell, Peter Collins, John Cleland, Sanjay Prasad, Royal Brompton Hospital & National Heart & Lung Institute, Imperial College, London, United Kingdom

077 - Prognostic Value of Electrocardiographic Findings in Peripartum Cardiomyopathy

Michael Honigberg, Uri Elkayam, Dennis M. McNamara, Michael Givertz, Massachusetts General Hospital, Boston, MA, USA, Brigham and Women's Hospital, Boston, MA, USA

078 - Depressed Right Ventricular Systolic Function in Constrictive Pericarditis

Veena Raizada, Kimi Sato, Alaa Alashi, Arnav Kumar, Deborah Agler, Deborah Kwon, Allan Klein, University of New Mexico, Albuquerque, NM, USA, Cleveland Clinic, Cleveland, OH, USA

080 - Predictors of Exercise Capacity in Patients With Hypertrophic Obstructive Cardiomyopathy

Joshua Smith, Jose Medina-Inojosa, Veronica Layrisse, Thomas Olson, Mayo Clinic, Rochester, MN, USA

081 - Atrial Arrhythmias in Left Ventricular Noncompaction: Association With Clinical and Echocardiographic Characteristics

Melissa Lyle, Vaibhav Vaidya, Suraj Kapa, A. Nadipalli, Hector Michelena, Samuel Asirvatham, Heidi Connolly, Rowlen Melduni, Mayo Clinic, Rochester, MN, USA

082 - Long-Term Outcomes of Heart Failure Patients by Category of Left Ventricular Systolic Function

Harshith Reddy Avula, Thomas Leong, Keane Lee, Sue Hee Sung, Alan Go, Kaiser Permanente San Francisco Medical Center, Division of Cardiovascular Medicine, San Francisco, CA, USA, Kaiser Permanente Northern California, Division of Research, Oakland, CA, USA

083 - Prognostic Relevance of Left Ventricular Ejection Fraction and the 40% Cut-Off in Chronic Systolic Heart Failure



Alberto Aimò, Giuseppe Vergaro, Valeria Siciliano, Sabrina Molinaro, Claudio Passino, James Januzzi, Michele Emdin, Scuola Superiore Sant'Anna, Pisa, Italy

084 - Left Atrial Abnormal Mechanics by Cardiac Magnetic Resonance Feature Tracking as an Early Subclinical Manifestation in Patients With Systemic Sclerosis

Ana G. Almeida, Gustavo Lima Silva, Rui Plácido, Ana Rita Francisco, Tatiana Guimaraes, Claudio David, Fausto Pinto, Cardiology Department, Lisbon University Hospital Santa Maria, Lisbon, Portugal

085 - Applying Natural Language Processing of Echocardiography Reports to Describe Epidemiology of Heart Failure
Rebecca Tisdale, Paul Heidenreich, Department of Internal Medicine, Stanford University School of Medicine, Stanford, CA, USA, VA Palo Alto Health Care System, Palo Alto, CA, USA

086 - 2017 International ECG Screening Criteria Applied to MRI-Confirmed Cases of Hypertrophic Cardiomyopathy in the General Population: A Retrospective Single Center Pilot Study
Elizabeth Hill, Linda Ding, John Rogers, Jorge Gonzalez, Ajay Srivastava, Scripps Clinic, Prebys Cardiovascular Institute, La Jolla, CA, USA

087 - Characteristic and Clinical Outcomes in Patients With Left Ventricular Noncompaction in Adults: A Nationwide Survey in Japan
Masatoshi Minamisawa, Jun Koyama, Koichiro Kuwahara, Uichi Ikeda, Shinshu University Hospital, Matsumoto, Japan, Brigham and Women's Hospital, Boston, MA, USA

088 - Incidence and Predictors of Dyskalemia in Real-World Heart Failure Patients With Preserved, Mid-Range and Reduced Ejection Fraction
Gianluigi Savarese, Hong Xu, Marco Trevisan, Ulf Dahlstrom, Bertram Pitt, Lars Lund, Juan Jesus Carrero, Lars Lund, Stockholm, Sweden, Juan J. Carrero, Stockholm, Sweden

089 - Takotsubo Cardiomyopathy in Human Immunodeficiency Virus Positive Patients: National Inpatient Sample Based Retrospective Review
Muhammad Chaudhry, Dhaval Kolte, Wajeeha Saeed, Ahad Khan, Munis Raza, Reema Qureshi, Jinnette D. Abbott, Herbert D. Aronow, Muhammad Sardar, Aultman Hospital, Canton, OH, USA, Brown University, Providence, RI, USA

090 - Impact of Right Atrial Remodeling on Clinical Outcome in Patients With Non-Valvular Atrial Fibrillation
Kyuyong Ko, Sung-Hee Shin, Mi-Hye Jung, Ji-Hun Jang, Yong-Soo Beak, Sung-Woo Kwon, Sang-Don Park, Seong-Ill Woo, Dae-Hyeok Kim, Jun Kwan, Division of Cardiology, Inha University College of Medicine, Incheon, South Korea

091 - New Test Which Can Predict Which Patient Will Be Readmitted After Hospitalization For Heart Failure
Thach N. Nguyen, Tuan Si Nguyen, Gianluca Rigatelli, Vien Truong, Lanh V. Nguyen, Nhan Minh Tri Nguyen, Methodist Hospital, Merrillville, IN, USA, Tan Tao University Medical School, E-City Tan Duc, Long An, Viet Nam

092 - Burden of Dyspnea and Fatigue in Heart Failure Varies by Race and Is Heritable

Sandra M. Oliver-McNeil, Debra Schutte, Edward Peterson, Karen Leszczynski, L. Keoki Williams, Hongsheng Gui, David E. Lanfear, Henry Ford Health System, Detroit, MI, USA, Wayne State University College of Nursing, Detroit, MI, USA

093 - Impact of an Enhanced Comprehensive Heart Failure Program on Emergency Department Visits in Heart Failure Patients

Eric Chang, Obiora Egbuche, Diane Wirth, Brandi Quinn, Shuba Balan, Shaheen Fatima, Anekwe Onwuanyi, Morehouse School of Medicine, Atlanta, GA, USA, Grady Memorial Hospital, Atlanta, GA, USA

094 - Developing a Targeted Approach to 30-Day CHF Readmissions

Chukwudi Obiagwu, Sarah Rabice, Paurush Ambesh, Olaoluwatomi Lamikanra, Chiemeziem Nwanyanwu, Samson Alliu, Parul Kakar, Abhinav Saxena, Aleksandar Adzic, Norbert Moskovits, Melvyn Hecht, Vijay Shetty, Maimonides Medical Center, Brooklyn, NY, USA

095 - Clinical and Electrocardiographic Characteristics in Patients With Fulminant Myocarditis

Tomonori Itoh, Jun Anzai, Yuya Oshikiri, Takamasa Kobayashi, Yumeka Arakawa, Mamoru Satoh, Motoyuki Nakamura, Yoshihiro Morino, Iwate Medical University, Morioka, Japan

096 - Influence of the Acute Hemodynamic Index on Intra-Hospital Mortality of Heart Failure Patients: Insights From BREATHE Registry

Renata R. T. Castro, Luka D. Lechinewski, Luis Rohde, Fernando Bacal, Salvador Rassi, Dirceu Almeida, Denilson Albuquerque, Lidia Moura, Breathe Registry Investigators, Heart Failure Department - Brazilian Society of Cardiology, Rio de Janeiro, Brazil

097 - Prognostic Role of Myocardial Edema at Cardiac Magnetic Resonance in Hypertrophic Cardiomyopathy

Giancarlo Todiere, Francesco Radico, Fabiola Cosentino, Chrysanthos Grigoratos, Andrea Barison, Michele Emdin, Giovanni Donato Aquaro, Fondazione CNR/Regione Toscana G. Monasterio, Pisa, Italy

098 - Racial Differences in Outcomes Between African Americans and Non-African Americans Admitted For Congestive Heart Failure: A Nationwide Analysis

Xin Wei, Yibin Guo, Kevin Gu, Bing Yue, Ahmadrza Moradi, Chayakrit Krittanawong, Basera Sabharwal, Mariam Khandaker, Karan Sud, Eyal Herzog, Mount Sinai St. Luke's West, New York, NY, USA

099 - Pulmonary Arterial Capacitance and Renal Function in Patients With Heart Failure With Preserved and Reduced Ejection Fraction

Hesam Mostafavi Toroghi, Kevin Lo, Benjamin Horn, Napatt Kanjanahattakij, Erum Malik, Jorge Luis Penalver, Mary Rodriguez, Janani Rangaswami, Kamran Mohiuddin, Shuchita Gupta, Aman Amanullah, Einstein Medical Center Philadelphia, Philadelphia, PA, USA



100 - Implementing Machine Learning Algorithm to Identify Patients at Risk of Developing Elevated Left Sided Cardiac Filling Pressures

Kinjan Patel, Marton Tokodi, Partho P. Sengupta, Ashok Runkana, Sirish Shrestha, George Sokos, Marco Caccamo, James Mills, WVU Heart & Vascular Institute, Morgantown, WV, USA

101 - Ventricular Remodeling in Early Stage Breast Cancer Patients Receiving Sequential Anthracycline and Trastuzumab Therapy: A Cardiac MRI Study

Mustafa Abdul Selam, Eitan Amir, Christine Brezden-Masley, Kim Connelly, Maria Michalowska, Bernd J. Wintersperger, Paaladinesh Thavendirathan, University of Toronto, Toronto, Canada, University Health Network, Toronto, Canada

102 - Effectiveness of a Paramedic Supervised Intervention in Reducing Rehospitalizations For Congestive Heart Failure: A Community Based Study

Sravva Varanasi, Omar Jafar, Matthew Brennan, Stephanie Mulcahy, James Lyons, Vassar Brothers Medical Center, Poughkeepsie, NY, USA

103 - Zika and Heart Failure: Prior Dengue May Bring Out the Worst

Juan A. Marques, Ivan Mendoza, Karina Gonzalez Carta, Igor Morr, Yolimar Meza, Vicente Finizola Flores, Ivan J. Mendoza-Britto, Nahir Martinez, Central University of Venezuela, Caracas, Venezuela

104 - Propensity Score Matched-Controlled Study of Impact of Blood Volume Quantification on Decongestion Strategy, Readmission Rates and Mortality in Patients Hospitalized For Heart Failure

John E. Strobeck, Jonathan Feldschuh, Wayne Miller, Heart-Lung Center, Hawthorne, NJ, USA, Mayo Clinic, Rochester, MN, USA

105 - Use of Electronic Patient Reported Outcomes and Automated Devices For Heart Failure Disease Management

Emamuzo Otobo, Ashish Atreja, Robert Freeman, Jason Rogers, Farah Fasihuddin, Allyssa Deorocki, Rivelle Zlatopolsky, Marni Goldstein, Jennifer Ullman, Sean Pinney, Icahn School of Medicine at Mount Sinai, New York, NY, USA

106 - Predictors of Exercise Capacity After Septal Myectomy in Patients With Hypertrophic Cardiomyopathy

Veronica Layrisse, Jose Medina-Inojosa, Erik Van Iterson, Joshua Smith, Thomas Olson, Mayo Clinic, Rochester, MN, USA, San Juan Bautista School of Medicine, Caguas, PR, USA

107 - Left Ventricular Longitudinal Fiber Dysfunction in Left Ventricular Non-Compaction Cardiomyopathy

Navdeep Tandon, Daniel Morgenstern, Brandon Mikolich, J. Ronald Mikolich, Sharon Regional Health System, Sharon, PA, USA, Northeast Ohio Medical University, Rootstown, OH, USA

108 - The Association of Gender With Coronary Revascularization For New Heart Failure Diagnosis and Readmission Rates

Efstathios Koutroumpakis, Hiren Patel, Adam Friedman, Edward Philbin, Mikhail Torosoff, Albany Medical College, Albany, NY, USA

109 - Indiscriminate Use of Hypothermia Could Be Deleterious in Heart Failure Patients With Cardiac Arrest

Abhishek Dutta, John Azizian, Youssef Masmoudi, Malcom McDonald, Anthony Bleyer, Hanumantha Rao Jogu, Nikhil Patel, Andrew Mclean, Anurag Gaddam, Waqas Qureshi, Wake Forest Baptist Hospital, Winston Salem, NC, USA

110 - Prognostic Value of Extent of Non-Compaction in Non-Ischemic Cardiomyopathy

Rina Verma, Shermeen Memon, Joshua Newman, Alexander Turin, Nathan Bibliowicz, Lara Bakhos, Mushabbar Syed, Loyola University Medical Center, Maywood, IL, USA

Heart Failure and Cardiomyopathies - Moderated Poster Contributions

Session #1134M

MCS and Cardiogenic Shock: Trends, Management and Outcomes

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

Heart Failure and Cardiomyopathies Moderated Poster Theater, Poster Hall, Hall A/B

CME Hours: /CNE Hours:

ACC Poster Moderator: Nir Uriel

ACC Poster Moderator: Justin Vader

10:00 a.m.

Predicting Survival With Mobile ECMO: A Novel Approach

William L. Baker Jr., Talal Kaiser, Bryden Considine, Massah Zantah, Brandon Martinez, David Underhill, Jason Gluck, Hartford Hospital, Hartford, CT, USA, University of Connecticut School of Pharmacy, Storrs, CT, USA

10:10 a.m.

Question and Answer

10:15 a.m.

Trends in Utilization of Mechanical Circulatory Support in Cardiac Transplantation

Yogita Rochlani, Srikanth Yandrapalli, George Jolly, Prakash Harikrishnan, Venkat Lakshmi Kishan Vuddanda, Wilbert Aronow, Masashi Kai, Alan Gass, Gregg Lanier, Westchester Medical Center, Valhalla, NY, USA

10:25 a.m.

Question and Answer

10:30 a.m.

National Trends in the Utilization, Cost Burden and Outcomes Associated With Use of Long-Term Mechanical Circulatory Support: 10-Year Experience

Byomesh Tripathi, Mark Schneider, Tahir Rizwan, Shilpkumar Arora, Mihir Dave, Harshil Shah, Varun Kumar, Sopan Lahewala, Patel Prashant, Smit Patel, Apurva Badheka, Nileshkumar Patel, Abhishek Deshmukh, Radha Gopalan, Geisinger Medical Center, Danville, PA, USA

10:40 a.m.

Question and Answer

10:45 a.m.



Thirty-Day Readmission After Left Ventricular Assist Device in the United States

Ahmed Almustafa, Fahad Alqahtani, Sami Aljohani, Almoutassim Trabulsi, Mohamad Alkhouli, David Campsey, Marco Caccamo, Christopher Bianco, George Sokos, Heart and Vascular Institute, West Virginia University, Morgantown, WV, USA

10:55 a.m.

Question and Answer

11:00 a.m.

Development of Late Right-Sided Heart Failure Predicts 1-Year Mortality Post-LVAD Implantation

Katherine Dodd, Daniel Pinkhas, Sakima Smith, Benjamin Buck, Julie Tsay, Ellen Liu, The Ohio State University Wexner Medical Center, Columbus, OH, USA

11:10 a.m.

Question and Answer

11:15 a.m.

Right Heart Maladaptive Phenotypes and Prediction of Right Heart Failure Following Continuous-Flow Left Ventricular Assist Device Implantation

Marie Aymami, Francois Haddad, Myriam Amsallem, Matthew Wheeler, Kegan Moneghetti, Jackson Adams, Jean-Philippe Verhoye, Karim Sallam, Y. Woo, Richard-Tien Ha, Dipanjan Banerjee, Stanford University School of Medicine and Stanford Cardiovascular Institute, Palo Alto, CA, USA, University Hospital of Rennes, Rennes, France

11:25 a.m.

Question and Answer

11:30 a.m.

Left Ventricular Unloading With Venous-Arterial Extracorporeal Membrane Oxygenation Using Intra-Aortic Balloon Pump or Percutaneous Left Ventricular Assist Device Is Associated With Improved Survival to Discharge

Andy Lee, Omar Hernandez, Sabrie Howell, Huanying Qin, Fayez Raza, Aayla Jamil, Joost Felius, Gonzalo Gonzalez-Stawinski, Shelley Hall, Amarinder Bindra, Baylor University Medical Center, Dallas, TX, USA, Texas A&M College of Medicine, Bryan, TX, USA

11:40 a.m.

Question and Answer

11:45 a.m.

Left Heart Catheterization During Hemodynamic Ramp Study Provides a Comprehensive Evaluation of Patients Supported With a Left Ventricular Assist Device

Andrew Rosenbaum, Sudhir Kushwaha, John Stulak, Simon Maltais, Atta Behfar, Mayo Clinic, Rochester, MN, USA

11:55 a.m.

Question and Answer

Heart Failure and Cardiomyopathies - Hands-on Skills Learning

Session #1504

Hands-On Simulation Skills Training: Immersive Simulation Station . . . Guideline-directed Heart Failure Care Utilizing Full-body Manikin

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: Immersive Simulation Station

Michael T. Spooner

Norfolk, VA

Heart Failure and Cardiomyopathies - Hands-on Skills Learning

Session #1505

Hands-On Simulation Skills Training: Procedural Skill Station . . . Including Echocardiography and Right Heart Catheterization

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: Procedural Skill Station

Ada C. Stefanescu Schmidt

Boston, MA

Heart Failure and Cardiomyopathies - Hands-on Skills Learning

Session #1506

Hands-On Simulation Skills Training: Shared Decision-making Simulation Station . . . Improve Your Patient Communication Techniques

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: Shared Decision-making Simulation Station

Jerold L. Saef

Grand Junction, CO

Heart Failure and Cardiomyopathies - Hands-on Skills Learning

Session #1507

Hands-On Simulation Skills Training: Clinical Judgement Challenge Station . . . Body Interact Simulation Platform

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

Personalized Skills and Simulation Center: Lounge & Learn, Hall C

CME Hours: /CNE Hours:

12:15 p.m.

Faculty: Clinical Judgement Challenge Station

Prashant Bhawe

Chicago, IL



Heart Failure and Cardiomyopathies - Hands-on Skills Learning

Session #1508

Hands-On Simulation Skills Training: Immersive Simulation Station . . . Guideline-directed Heart Failure Care Utilizing Full-body Manikin

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

Personalized Skills and Simulation Center: Lounge & Learn, Hall C

CME Hours: /CNE Hours:

12:15 p.m.

Faculty: Immersive Simulation Station

Jason Linefsky

Decatur, GA

Heart Failure and Cardiomyopathies - Hands-on Skills Learning

Session #1509

Hands-On Simulation Skills Training: Procedural Skill Station . . . Including Echocardiography and Right Heart Catheterization

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

Personalized Skills and Simulation Center: Lounge & Learn, Hall C

CME Hours: /CNE Hours:

12:15 p.m.

Faculty: Procedural Skill Station

Laura Davidson

Chicago, IL

Heart Failure and Cardiomyopathies - Hands-on Skills Learning

Session #1510

Hands-On Simulation Skills Training: Shared Decision-making Simulation Station . . . Improve Your Patient Communication Techniques

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

Personalized Skills and Simulation Center: Lounge & Learn, Hall C

CME Hours: /CNE Hours:

12:15 p.m.

Faculty: Shared Decision-making Simulation Station

Sohah Iqbal

New York, NY

Heart Failure and Cardiomyopathies - Scientific

Session #610

Genetic Testing for Cardiomyopathies

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

Room 315 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Gordon Huggins

Co-Chair: Kiran Musunuru

Panelist: Michael J. Ackerman

Panelist: Ray Hershberger

Panelist: Daniel P. Judge

Panelist: Calum A. MacRae

Panelist: Wai Hong Wilson Tang

Panelist: James Ware

12:15 p.m.

Genetics in Cardiomyopathy: From GWAS to Whole Genome

Ray Hershberger

Columbus, OH

12:27 p.m.

The Role of Titin in Cardiomyopathy

James Ware

London, United Kingdom

12:39 p.m.

Recommendations for Genetic Testing: Hypertrophic and Dilated Cardiomyopathy

Calum A. MacRae

Boston, MA

12:51 p.m.

Recommendations for Genetic Testing in Restrictive Cardiomyopathy and Noncompaction

Daniel P. Judge

Baltimore, MD

1:03 p.m.

All Patients and Family Members Should Be Tested

Wai Hong Wilson Tang

Cleveland, OH

1:12 p.m.

All Patients and Their Family Members Should Be Tested

Michael J. Ackerman

Rochester, MN

1:20 p.m.

Debate Rebuttal

Wai Hong Wilson Tang

Cleveland, OH

1:24 p.m.

Rebuttal, Con

Michael J. Ackerman

Rochester, MN

1:28 p.m.

Case Presentation: Challenging Case in Genetic Testing

Kiran Musunuru

PHILADELPHIA, PA

1:33 p.m.

Panel Discussion for Challenging Case and Session Question and Answer

Heart Failure and Cardiomyopathies - Scientific

Session #611

Contemporary Challenges in Durable Mechanical Circulatory Support

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

Room 312 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Pavan Atluri

Co-Chair: Susanna Price



12:15 p.m.

LVAD 101 to 201: Moving From Basic to Advanced Concepts
Francis D. Pagani
Ann Arbor, MI

12:27 p.m.

Patient Selection for Durable LVAD Therapy in Advanced Heart Failure
David E. Lanfear
Detroit, MI

12:39 p.m.

Hemocompatibility: What are the Differences in Devices and Complications?
Jeffrey J. Teuteberg
Pittsburgh, PA

12:51 p.m.

LVAD Emergencies: When to Suspect and How to Recognize?
Joseph C. Cleveland, JR
Aurora, CO

1:03 p.m.

VAD Is Now the Preferred Destination Therapy for Advanced Heart Failure: Are We There Yet?
Donna M. Mancini
New York, NY

1:15 p.m.

Patient-Reported Outcomes in LVAD Therapy
John A. Spertus
Kansas City, MO

1:27 p.m.

Question and Answer

Heart Failure and Cardiomyopathies - Poster Contributions

Session #1145

Frontiers in Genetic Cardiomyopathies and Genetic Contributions to Heart Failure

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

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

047 - Deregulation of Rbm20 in Lamin A/C and Emerin Related Cardiomyopathies

Marwan Refaat, Dana Sedki, Hind C. Zahr, Dima Diab El Harakeh, Jan Lammerding, Georges Nemer, Diana E. Jaalouk, American University of Beirut, Beirut, Lebanon

048 - Endosomal Affects the Cell Growth and Collagens Deposit in Myocardium

Po-Sheng Chen, Yi-Heng Li, Hsing-Chun Chung, Department of Internal Medicine, College of Medicine, National Cheng Kung University and Hospital, Tainan City, Taiwan, ROC

049 - Population-Specific Genetic Variations Increase Hazard of Mortality or Rehospitalization in Heart Failure Patients

David E. Lanfear, Hongsheng Gui, Jia Li, Thomas Connolly, Naveen Pereira, She Ruicong, Kirkwood Adams, L. Keoki Williams, Adrian

Hernandez, Wai Hong Tang, Francke Stephan, Henry Ford Hospital, Detroit, MI, USA

050 - Clinical and Imaging Phenotype Versus Genotype in Hypertrophic Cardiomyopathy

Hyung Yoon Kim, Sang-Chol Lee, Samsung Medical Center, Seoul, South Korea, Jeju National University Hospital, Jeju, South Korea

051 - Fropofol Prevents Disease Progression in Hypertrophic Cardiomyopathy

Yiyuan Huang, Haisong Lu, Fazhao Li, Wenjie Liu, Xianfeng Ren, Weiming Bu, Kellie A. Woll, Leslie A. Leinwand, Roselle Abraham, Roderic Eckenhoff, Wei Dong Gao, Department of Anesthesiology and Critical Care Medicine, Johns Hopkins University School of Medicine, Baltimore, MD, USA

052 - Identification of a Novel Obscurin Protein Variant in Nonischemic Cardiomyopathy

Joanna Catalano, Barbara Paynton, Scott Kaniper, Glenn Gerhard, Rene Alvarez, Temple University Hospital, Philadelphia, PA, USA, Lewis Katz School of Medicine at Temple University, Philadelphia, PA, USA

053 - Interleukin-31 Might Facilitate Dilated Cardiomyopathy Via Cell Apoptosis

Huizi Song, West China Hospital, Sichuan University, Chengdu, People's Republic of China

054 - Complement System Is Highly Activated and Potentially Acts as a Biomarker For Patients With ARVC

Liang Chen, Meiqi Yi, Jiangping Song, Shengshou Hu, Fuwai Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, People's Republic of China, School of Life Sciences, Tsinghua University, Beijing, People's Republic of China

Heart Failure and Cardiomyopathies - Poster Contributions

Session #1146

Stage D Heart Failure: Preventing Death and Reducing Adverse Events

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

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

055 - Nationwide Trends and Outcomes of Temporary Mechanical Circulatory Support For Cardiogenic Shock After Left Ventricular Assist Device Implantation

Saraschandra Vallabhajosyula, Shilpkumar Arora, Ankit Sakhuja, Sopan Lahewala, Varun Kumar, Ghanshyam P. S. Shantha, Bernard J. Gersh, Rajiv Gulati, Abhiram Prasad, Abhishek J. Deshmukh, Mayo Clinic, Rochester, MN, USA

056 - The Novel Use of Intracardiac Echocardiography For Hemodynamic Assessment During Invasive Left Ventricular Assist Device Ramp Studies

Andrew Rosenbaum, Mahwash Kassi, Brandon Wiley, Atta Behfar, Mayo Clinic, Rochester, MN, USA

057 - HLA-DR Mismatch Predict Rejection and Long-Term Mortality After Heart Transplantation

Francesco Cacciatore, Cristiano Amarelli, Chiara Sabia, Irene Mattucci, Claudio Marra, Gianpaolo Romano, Ciro Maiello,



Claudio Napoli, Department of Cardiovascular Surgery and Transplant, Monaldi Hospital, Azienda dei Colli, Naples, Italy

059 - Retrospective Analysis of ECMO Use For Hemodynamic Instability Post Heart Transplantation

George Jolly, Yogita Rochlani, Chris Caraang, Srikanth Yandrapalli, Masashi Kai, Alan Gass, Gregg Lanier, Westchester Medical Center - New York Medical College, Valhalla, NY, USA

060 - HeartMate II Versus HeartWare For Heart Failure: A Meta-Analysis

Mohsin Salih, Mohamed Ayan, Gbolahan Ogunbayo, Adnan Elghezewi, Maya Guglin, University of Kentucky, Lexington, KY, USA

061 - Venoarterial ECMO Reduces Left Ventricular Dimensions in Patients With Cardiogenic Shock

Stephanie Liew, Shane Nanayakkara, Jayne Sheldrake, Vincent Pellegrino, David Kaye, Alfred Health, Melbourne, Australia

063 - Increasing Incidence of Cardiogenic Shock in Patients With Acute Myocarditis: Is Mechanical Circulatory Support Device an Answer to the Problem

Mohit Pahuja, Emmanuel Akintoye, Oluwole Adegba, Manmohan Singh, Mohamed Shokr, Luis Afonso, Wayne State University, Detroit, MI, USA

064 - Intermediate-Term Reverse Remodeling in Left Ventricular Assist Device Patients

Jeremy William, Shane Nanayakkara, Hitesh Patel, David Kaye, Department of Cardiovascular Medicine, Alfred Hospital, Melbourne, Australia, Heart Failure Research Group, Baker IDI Heart and Diabetes Institute, Melbourne, Australia

065 - Chronic Inotropic Therapy in End-Stage Heart Failure in the Current Era

Sangita Sudharshan, Wenners Ballard, Deana Mikhalkova, Eric Novak, Justin Vader, Shane LaRue, Washington University in Saint Louis, Saint Louis, MO, USA

066 - Predictors of Death While on Veno-Arterial Extracorporeal Membrane Oxygenation (VA-ECMO) Support

Anna Koulova, Venkata Buddharaju, Rudrick Ledesma, Savneek Chugh, Maureen Brogan, Julio Panza, Joshua Goldberg, Masashi Kai, Ramin Malekan, David Spielvogel, Wilbert Aronow, Chul Ahn, Alan Gass, Westchester Medical Center, Valhalla, NY, USA

067 - Hemodynamic Effects of Levosimendan in Patients With Reactive Pulmonary Hypertension

Mariateresa Pucci, Paolo Severino, Maria Alfarano, Simone Calcagno, Andrea Ceccacci, Nicolo' Salvi, Paola Scarparo, Massimo Mancone, Francesco Fedele, Sapienza University, Rome, Italy

069 - Combining Mechanical Circulatory Support Devices May Increase the Risk of Stroke and Mortality

Vanessa Blumer, Gabriel Hernandez, Miguel Ortiz, Mehdi Khalafi, Alejandro Lemor, Carlos Davila, Sandra Chaparro, University of Miami Jackson Memorial Hospital, Miami, FL, USA

070 - Oncologic Patients With Advanced Heart Failure: To VAD or Not to VAD?

Vanessa Blumer, Gabriel Hernandez, Miguel Ortiz, Joseph Cioffi, Sandra Chaparro, University of Miami - Jackson Memorial Hospital, Miami, FL, USA

Heart Failure and Cardiomyopathies - Poster Contributions

Session #1147

Cardiac Biomarkers and Acute Heart Failure

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

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

071 - Relationship Between Changes in Brain Natriuretic Peptide and Worsening Renal Functions in Acute Heart Failure (an Analysis of the AKINESIS Study)

Yu Horiuchi, Nicholas Wettersten, Avinash Toomu, Patrick Murray, Alan Maisel, University of California San Diego, San Diego, CA, USA, Veterans Affairs Medical Center, San Diego, CA, USA

072 - Prognostic Impact of Neutrophil Gelatinase-Associated Lipocalin in Patients With Acute Heart Failure (an Analysis of the AKINESIS Study)

Yu Horiuchi, Nicholas Wettersten, Avinash Toomu, Patrick Murray, Alan Maisel, University of California San Diego, San Diego, CA, USA, Veterans Affairs Medical Center, San Diego, CA, USA

073 - Differential Regulation of Circulating Cardiac Natriuretic Peptides in Human Acute Decompensated Heart Failure: Evidence For a Selective and Relative Atrial Natriuretic Peptide Deficiency
Shawn Reginald, Valentina Cannone, Denise Heublein, Seethalakshmi Iyer, Christopher Scott, Jeson Sangaralingham, John C. Burnett Jr., Cardiorenal Research Laboratory, Department of Cardiovascular Medicine, Mayo Clinic, Rochester, MN, USA

074 - Inflammatory and Cardiac Biomarkers Are Associated With Renal Outcomes in Patients With Type 2 Diabetes Mellitus: Insights From SAVOR-TIMI 53

Thomas Zelniker, David A. Morrow, Ofri Mosenzon, Yared Gurmu, Kyungah Im, Avivit Cahn, Itamar Raz, Eugene Braunwald, Deepak Bhatt, Benjamin Scirica, TIMI Study Group, Division of Cardiovascular Medicine, Brigham and Women's Hospital & HMS, Boston, MA, USA

075 - Human Epididymis Protein 4 Is a Novel Fibrosis Marker to Predict Pathological Cardiac Remodeling and Adverse Outcomes in Patients With Dilated Cardiomyopathy

Masahiro Yamamoto, Shinsuke Hanatani, Ishida Toshifumi, Yamamura Satoru, Hirakawa Kyoko, Seiji Takashio, Yasuhiro Izumiya, Kenichi Tsujita, Kumamoto University Hospital, Kumamoto, Japan

076 - Novel Assay to Calculate Donor Fraction of Cell-Free DNA in Heart Transplantation

William Ragalie, Karl Stamm, Pip Hidestrand, Mats Hidestrand, Mahnke Donna, Huan Ling Liang, Mary Goetsch, Gail Stendahl, Pippa Simpson, Ronit Katz, Aoy Tomita-Mitchell, Steven J. Kindel, Steven Zangwill, Michael Mitchell, Children's Hospital of Wisconsin, Milwaukee, WI, USA

077 - Racial Differences in Plasma B-Type Natriuretic Peptide Levels According to Heart Failure Status



Karlis Draulis, Meng Xu, Cassandra Reynolds, Eric Farber-Eger, Quinn Wells, Deepak Gupta, Thomas Wang, Vanderbilt University Medical Center, Nashville, TN, USA

078 - Hyponatremia Is Associated With Increased Inpatient Mortality in Patients With Heart Failure With Preserved Ejection Fraction: A Nationwide Analysis

Bing Yue, Mike Gorenchtein, Shuyang Fang, Xin Wei, Mariam Khandaker, Chayakrit Krittanawong, Ashish Correa, Eyal Herzog, Mount Sinai St. Luke's Hospital, New York, NY, USA, Mount Sinai West Hospital, New York, NY, USA

079 - NT-proBNP Predicts Mortality in Elderly and Very Elderly Patients With Chronic Systolic Heart Failure

Giuseppe Vergaro, Alberto Aimo, Chiara Arzilli, Luc Zyw, Alessandro Valleggi, Alberto Giannoni, Concetta Prontera, Andrea Barison, Roberta Poletti, Alessandra Gabutti, Chiara Mammini, Claudio Passino, Michele Emdin, Fondazione Toscana Gabriele Monasterio, Pisa, Italy

080 - Markedly Elevated Pericardial Fluid Levels of Periostin Are Involved in Left Ventricular Dysfunction With Coronary Artery Disease

Shoichi Miyamoto, Toshiaki Izumi, Yoshizumi Haruna, Eisaku Nakane, Hideyuki Hayashi, Yuta Seko, Kazutaka Nakasone, Kouki Kimura, Shushi Nishiwaki, Touka Hamaguchi, Fumie Takai, Manabu Morishima, Tetsuya Haruna, Moriaki Inoko, Michiya Hanyu, Masatoshi Fujita, Cardiovascular Center, Kitano Hospital, The Tazuke Kofukai Medical Research Institute, Osaka, Japan, Division of Cardiology, Uji Hospital, Uji, Japan

081 - Endothelin 1 Gradient- A Marker For Pulmonary Hypertension and Adverse One Year Outcomes in HFpEF

Mohammed Andaleeb Chowdhury, Qaiser Shafiq, George Moukarbel, Rajesh Gupta, Samer Khouri, University of Toledo Medical Center, Toledo, OH, USA

082 - Admission Renal Dysfunction and Cardiac Intensive Care Unit Outcomes

Jacob Colin Jentzer, Brandon Wiley, Courtney Bennett, Scott Wright, Kianoush Kashani, Gregory Barsness, Mayo Clinic, Rochester, MN, USA

083 - Use of Continuous Renal Replacement Therapy in the Cardiac Intensive Care Unit

Jacob Colin Jentzer, Brandon Wiley, Courtney Bennett, Vasken Keleshian, Abdalla Ismail, Scott Wright, Kianoush Kashani, Gregory Barsness, Mayo Clinic, Rochester, MN, USA

084 - Will NT-ProBNP/BNP Ratio Discriminate Responder and Non Responder Among Patients With Heart Failure and Reduced Ejection Fraction Undergoing Treatment With Sacubitril-Valsartan? Systematic Review and Post Hoc Analysis of Paradigm-HF Trial

Eduardo Pitthan, Vania Hirakata, Juarez Barbisan, Clarissa Rodrigues, Institute of Cardiology/University Foundation of Cardiology, Porto Alegre, Brazil

085 - Endothelin-1 Predicts Incident Heart Failure, Incident Myocardial Infarction, Cardiovascular Mortality, and All-Cause Mortality in Patients Undergoing Diagnostic Coronary

Angiography: Results From the Catheter Sampled Blood Archive in Cardiovascular Diseases (CASABLANCA) Study

Nasrien E. Ibrahim, Shreya Shrestha, Cian McCarthy, Asya Lyass, Yiwei Li, Hanna Gaggin, Roland R. J. van Kimmenade, Joseph Massaro, Ralph D'Agostino, James Januzzi, Massachusetts General Hospital, Boston, MA, USA

086 - Disconnection Between Volume Loss and Increasing Serum Bicarbonate During Treatment For Acutely Decompensated Heart Failure: A Per-Protocol Analysis of CARRESS-HF

Spencer Carter, Bradley Bart, Steven Goldsmith, Mark Drazner, Wai Hong Tang, Justin Grodin, University of Texas Southwestern, Dallas, TX, USA, Cleveland Clinic, Cleveland, OH, USA

087 - Machine Learning Models Significant Improve Outcome Prediction After Cardiac Arrest

Shane Nanayakkara, Sam Fogarty, Kelvin Ross, Zoran Milosevic, Brent Richards, Danny Liew, Dion Stub, David Pilcher, David Kaye, The Alfred Hospital, Melbourne, Australia, Monash University, Melbourne, Australia

088 - Predicting Hospital Cost in Patients With HFpEF: A Contemporary Analysis of National Population-Based Cohort Study

Chayakrit Krittanawong, Bing Yue, Mario Roberto Rodriguez Rivera, Saranapoom Klomjit, Xin Wei, Mariam Khandaker, Ritu Raj Singh, Eyal Herzog, Edgar Argulian, Icahn School of Medicine at Mount Sinai, New York, NY, USA, Mount Sinai Heart, New York, NY, USA

089 - The Effect of Opioid Dependence on Outcomes of Acute Decompensated Heart Failure

Basera Sabharwal, Di Pan, Mario Rodriguez, Valeria Santibanez, Elijah Verheyen, Eyal Herzog, Icahn School of Medicine at Mount Sinai St. Luke's and Mount Sinai West, New York, NY, USA

090 - Acute Presenting Blood Glucose Change From Average Chronic Glucose and 30-Day Outcomes After Acute Heart Failure Hospitalization

Zachary Cox, Pikki Lai, Connie Lewis, JoAnn Lindenfeld, Lipscomb University College of Pharmacy, Nashville, TN, USA, Vanderbilt University Medical Center, Nashville, TN, USA

091 - Palliative Care Consultation Reduces 30-Day Readmission Rates For Hospitalized Patients With Heart Failure: A Single-Center Experience

Kalyan Potu, Jay Patel, Sandeep Banga, Sravani Avula, Ashish Roy, Barry Clemson, Chetan Bhardwaj, Sudhir Mungee, University of Illinois College of Medicine at Peoria, Peoria, IL, USA

092 - African Americans Have Better Outcomes For Congestive Heart Failure in Hospitals With More Racially Diverse Patients: A Nationwide Analysis

Xin Wei, Yibin Guo, Kevin Gu, Bing Yue, Ahmadrza Moradi, Mariam Khandaker, Chayakrit Krittanawong, Basera Sabharwal, Karan Sud, Xiaochuan Yang, Eyal Herzog, Mount Sinai St. Luke's West, New York, NY, USA

093 - Disease-Specific Quality of Life Improvements Do Not Predict Overall Quality of Life in Older Adults Following Discharge From Heart Failure Hospitalization



Jeremy Slivnick, Cara Marolt, Joanna Wells, Erika Trumble, Omar Jimenez, Sergio Teruya, Stephen Helmke, Mathew Maurer, Scott L. Hummel, University of Michigan, Ann Arbor, MI, USA, Columbia University Medical Center, New York, NY, USA

095 - Trends and Predictors of Palliative Care Referrals in Acute Heart Failure Patients: Insight From National Inpatient Sample Database

Brijesh Patel, Paul Secheresiu, Lekha Racharla, Mahek Shah, Lohit Garg, Daniel Ray, Ronald Freudenberger, Lehigh Valley Hospital, Allentown, PA, USA

096 - Racial Differences in All-Cause Mortality in Postmenopausal Women With Incident Hospitalized Heart Failure

Sina Noshad, Charles B. Eaton, Brown University School of Public Health, Providence, RI, USA

097 - Hyperkalemia After Hospitalization For Heart Failure With Reduced Ejection Fraction: Findings From the ASTRONAUT Trial

Muthiah Vaduganathan, Manan Pareek, Kamy Sankar, Baljash Cheema, Haris Subacius, Gregg C. Fonarow, Scott Solomon, Eldrin Lewis, Aldo Maggioni, Michael Boehm, Faiez Zannad, Javed Butler, Mihai Gheorghiu, Brigham and Women's Hospital Heart & Vascular Center and Harvard Medical School, Boston, MA, USA, Northwestern University Feinberg School of Medicine, Chicago, IL, USA

098 - Impact of Heart Failure on Outcomes of Sepsis Related Hospitalizations

Manyoo Agarwal, Brijesh Patel, Rahman Shah, Uzoma Ibebuogu, Mahek Shah, Robert Bradsher, Samuel Dagogo-Jack, UTHSC, Memphis, TN, USA

099 - In-Hospital Outcomes and Etiologies For 30-Day Readmissions in Patients With Acute Pericarditis

Karan Sud, Basera Sabharwal, Xin Wei, Eyal Herzog, Icahn School of Medicine at Mount Sinai, New York, NY, USA

100 - Cardiac and Inflammatory Biomarkers in Perinatally HIV-Infected and HIV-Exposed Uninfected Children

James D. Wilkinson, Paige L. Williams, Wendy Yu, Steven Colan, Armando Mendez, Justin Zachariah, Russell B. Van Dyke, William T. Shearer, Renee Margossian, Steven Lipshultz, Wayne State University School of Medicine, Detroit, MI, USA, Children's Hospital of Michigan, Detroit, MI, USA

101 - The Hemodynamic Effects of Intravenous Milrinone Therapy in Heart Failure With Reduced Ejection Fraction Patients on Beta-Blockers

David Tehrani, Sara Kalantari, Jonathan Grinstein, Nitasha Sarswat, Jayant Raikhelkar, Gene Kim, Gabriel Sayer, Nir Uriel, University of Chicago, Chicago, IL, USA

102 - The Impact of Intensive Care Unit Triage Decisions on Outcomes For Patients With Cardiogenic Shock

Ryan Orgel, Joseph Rossi, Patrick Dale, Sydney Hartsell, Jason Katz, University of North Carolina, Chapel Hill, NC, USA

103 - Stimulant Associated Heart Failure With Methamphetamine and Cocaine Use: Survival and Resource Utilization at a Safety-Net Hospital

Joseph Ebinger, Brandon Wiley, Ganesh Devendra, Dhruv Kazi, Priscilla Hsue, Courtney Carroll, Robert Pitts, Zian Tseng, Christopher Barnett, University of California, San Francisco, San Francisco, CA, USA, Cedars-Sinai Medical Center, Los Angeles, CA, USA

104 - Early Impact of Guideline Publication on Angiotensin-Receptor Nephrylsin Inhibitor Use Among Patients Hospitalized For Heart Failure

Nancy Luo, Nicholas G. Ballew, Emily O'Brien, Melissa Greiner, Pamela Peterson, Bradley Hammill, N. Chantelle Hardy, Warren Laskey, Paul Heidenreich, Chun-Lan Chang, Adrian Hernandez, Lesley Curtis, Robert Mentz, Gregg C. Fonarow, Duke University School of Medicine, Durham, NC, USA

107 - Evaluation of 3 Liver Fibrosis Markers: Aspartate Aminotransferase to Platelet Ratio (apri), Fibrosis-4 (fib-4) Index and Type Iv Collagen 7s (p4np 7s) Among Patients With Acutely Decompensated Heart Failure

Hiroshi Yukawa, Kazuya Nagao, Tsukasa Inada, Osaka Red Cross Hospital, Osaka, Japan

108 - Global Rank Endpoint Using NT-proBNP Versus 6 Minute Walk Distance in HF Patients: Analysis From the CAT-HF Trial

JoAnn Lindenfeld, Olaf Oldenburg, David Whellan, Mona Fiuzat, Naresh Punjabi, Dalane Kitzman, Amy Blase, Adam Benjafield, Christopher O'Connor, ResMed, San Diego, CA, USA

109 - Prior Heart Failure Hospitalization Among Patients Hospitalized For Worsening Chronic Heart Failure: From the ASCEND-HF Trial

Stephen Greene, Adrian Hernandez, Jie Sun, Javed Butler, Paul Armstrong, Justin Ezekowitz, Marco Metra, Adriaan Voors, Adrian Coles, Robert M. Califf, Christopher O'Connor, Robert Mentz, Duke Clinical Research Institute, Durham, NC, USA, Duke University Medical Center, Durham, NC, USA

110 - Systematic Review of Prevalent and Incident Heart Failure in Cardiovascular Outcome Trials of Patients With Type 2 Diabetes

Stephen Greene, Muthiah Vaduganathan, Muhammad Khan, George Bakris, Matthew Weir, Jonathan Seltzer, Naveed Sattar, Darren McGuire, James Januzzi, Norman Stockbridge, Javed Butler, Duke Clinical Research Institute, Durham, NC, USA, Duke University Medical Center, Durham, NC, USA

Heart Failure and Cardiomyopathies - Hands-on Skills Learning

Session #1512

Hands-On Simulation Skills Training: Immersive Simulation Station . . . Guideline-directed Heart Failure Care Utilizing Full-body Manikin

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

Personalized Skills and Simulation Center: Lounge & Learn, Hall C

CME Hours: /CNE Hours:

2:00 p.m.

Faculty: Immersive Simulation Station

Zorana Mrcic

Bethesda, MD



Heart Failure and Cardiomyopathies - Hands-on Skills Learning

Session #1513

Hands-On Simulation Skills Training: Procedural Skill Station . . . Including Echocardiography and Right Heart Catheterization

**Saturday, March 10, 2018, 2:00 p.m. - 3:00 p.m.
Personalized Skills and Simulation Center: Lounge & Learn, Hall C**

CME Hours: /CNE Hours:

2:00 p.m.

Faculty: Procedural Skill Station

Ankur Kalra

Cleveland, OH

Heart Failure and Cardiomyopathies - Hands-on Skills Learning

Session #1514

Hands-On Simulation Skills Training: Shared Decision-making Simulation Station . . . Improve Your Patient Communication Techniques

**Saturday, March 10, 2018, 2:00 p.m. - 3:00 p.m.
Personalized Skills and Simulation Center: Lounge & Learn, Hall C**

CME Hours: /CNE Hours:

2:00 p.m.

Faculty: Shared Decision-making Simulation Station

Jerold L. Saef

Grand Junction, CO

Heart Failure and Cardiomyopathies - Scientific

Session #625

Hypertrophic Cardiomyopathy as a Contemporary Treatable Disease

**Saturday, March 10, 2018, 2:00 p.m. - 3:30 p.m.
Room 315 A**

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Barry J. Maron

Co-Chair: Paolo Spirito

Panelist: Sharlene M. Day

Panelist: Martin S. Maron

Panelist: Mark S. Link

Panelist: Steve R. Ommen

Panelist: Ethan Rowin

Panelist: Christopher Semsarian

2:00 p.m.

Risk Stratification and Prevention of Sudden Death in HCM

Martin S. Maron

Boston, MA

2:12 p.m.

Management of Heart Failure With Obstruction: Myectomy vs.

Alcohol Septal Ablation

Steve R. Ommen

Rochester, MN

2:24 p.m.

Treatment for End-Stage HCM Including Transplantation

Ethan Rowin

Boston, MA

2:36 p.m.

Atrial Fibrillation: Impact and Management

Mark S. Link

Dallas, TX

2:48 p.m.

Genetic Testing in HCM: Practical Implications for the Patient and Family

Christopher Semsarian

Newtown, Australia

3:00 p.m.

Exercise for the HCM Patient: How Much Is Too Much?

Sharlene M. Day

Ann Arbor, MI

3:12 p.m.

Panel Question and Answer

Heart Failure and Cardiomyopathies - Scientific

Session #626

**Planning Ahead: Palliative Care in End-Stage Heart Failure
Saturday, March 10, 2018, 2:00 p.m. - 3:30 p.m.**

Room 312 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Caroline Lloyd Doherty

Co-Chair: James N. Kirkpatrick

2:00 p.m.

Case Presentation: Balancing the Desire to Sustain Life and the Acceptance of Death

Tara Hrobowski

Atlanta, GA

2:10 p.m.

Prolonging the Inevitable: Incorporating Palliative Care Earlier in the Dying Process

Mary Hicks

Detroit, MI

2:25 p.m.

New Models of Palliative Care in Heart Failure

Savitri E. Fedson

Houston, TX

2:40 p.m.

Pearls and Pitfalls in Palliative Care

Michael W. Rich

Saint Louis, MO

2:55 p.m.

Ending Support: Withdrawal of Mechanical Circulatory Support

Linda Ordway

Boston, MA

3:10 p.m.

Panel Discussion With Question and Answer



Heart Failure and Cardiomyopathies - Moderated Poster Contributions

Session #1174M

Heart Failure Clinics and Transitions of Care

Saturday, March 10, 2018, 3:45 p.m. - 4:30 p.m.

Heart Failure and Cardiomyopathies Moderated Poster Theater, Poster Hall, Hall A/B

CME Hours: /CNE Hours:

ACC Poster Moderator: Margaret T. Bowers

ACC Poster Moderator: Deena Goldwater

3:45 p.m.

Changes in Hospital Performance and Transition-Care Measures 1-Year After Initiation of the Patient Navigator Program

Nancy M. Albert, Tyler Gluckman, Robert McNamara, Gregg C. Fonarow, Adnan Malik, Ralph Brindis, Di Lu, Matthew Roe, Judy Tingley, Smita Negi, Lee R. Goldberg, Susan Rogers, Julie Mobayed, Shilpa Patel, Beth Pruski, Kathleen Hewitt, Zaher Fanari, Joseph Lucas, Cleveland Clinic, Cleveland, OH, USA

3:55 p.m.

Question and Answer

4:00 p.m.

Heart Failure as an Entry Point For Severe Cardiovascular Disease in Sub-Saharan Africa: 10-Year Experience With Nurse-Led Diagnosis and Treatment at District Hospitals in Rural Rwanda
Lauren Eberly, Emmanuel Rusingiza, Paul Park, Gedeon Ngoga, Symaque Dusabeyezu, Francis Mutabazi, Emmanuel Harerimana, Joseph Mucumbitsi, Philippe F. Nyembo, Ryan Borg, Cyprien Gahamanyi, Cadet Mutumbira, Evariste Ntaganda, Gene F. Kwan, Gene Bukhman, Division of Global Health Equity, Department of Medicine, Brigham and Women's Hospital, Boston, MA, USA, Partners in Health, Boston, MA, USA

4:10 p.m.

Question and Answer

4:15 p.m.

Predictors of and Outcomes Associated With Referral to a Heart Failure Nurse-Led Clinic: An Analysis of 40,992 Patients From the Swedish Heart Failure Registry

Gianluigi Savarese, Lars Lund, Ulf Dahlstrom, Anna Strömberg, Karolinska Institutet, Stockholm, Sweden, Linköping University, Linköping, Sweden

4:25 p.m.

Question and Answer

Heart Failure and Cardiomyopathies - Hands-on Skills Learning

Session #1516

Hands-On Simulation Skills Training: Immersive Simulation Station . . . Guideline-directed Heart Failure Care Utilizing Full-body Manikin

Saturday, March 10, 2018, 4:45 p.m. - 5:45 p.m.

Personalized Skills and Simulation Center: Lounge & Learn, Hall C

CME Hours: /CNE Hours:

4:45 p.m.

Faculty: Immersive Simulation Station

Michael T. Spooner
Norfolk, VA

Heart Failure and Cardiomyopathies - Hands-on Skills Learning

Session #1517

Hands-On Simulation Skills Training: Procedural Skill Station . . . Including Echocardiography and Right Heart Catheterization

Saturday, March 10, 2018, 4:45 p.m. - 5:45 p.m.

Personalized Skills and Simulation Center: Lounge & Learn, Hall C

CME Hours: /CNE Hours:

4:45 p.m.

Faculty: Procedural Skill Station
Raja Kannan Mutharasan
Oak Park, IL

Heart Failure and Cardiomyopathies - Hands-on Skills Learning

Session #1518

Hands-On Simulation Skills Training: Shared Decision-making Simulation Station . . . Improve Your Patient Communication Techniques

Saturday, March 10, 2018, 4:45 p.m. - 5:45 p.m.

Personalized Skills and Simulation Center: Lounge & Learn, Hall C

CME Hours: /CNE Hours:

4:45 p.m.

Faculty: Shared Decision-making Simulation Station
Rachel J. Lampert
New Haven, CT

Heart Failure and Cardiomyopathies - International Session #513

The Growing International Burden of Heart Failure: International Perspectives from the Cardiological Society of India, Hellenic Society of Cardiology, and American College of Cardiology

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

Room 304 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Paul J. Mather
Co-Chair: Amal Kumar Banerjee
Co-Chair: Konstantinos P. Tsioufis

4:45 p.m.

Introduction to Session
Paul J. Mather
Philadelphia, PA

4:50 p.m.

Epidemiology of Heart Failure in India: A Changing Pattern
Ambuj Roy
new delhi, India

5:02 p.m.

Diagnostic and Therapeutic Challenges of HFpEF
Grigorios Giamouzis
Larissa, Greece



5:14 p.m.

Kidney Dysfunction in Heart Failure: Mechanisms and Management Strategies

Christina Chrysohoou

Glyfada, Greece

5:26 p.m.

Case Presentation: Acute Heart Failure With Diabetes and Chronic Kidney Disease

K. Sarat Chandra

Hyderabad, India

5:38 p.m.

Discussion

Heart Failure and Cardiomyopathies - Scientific

Session #639

Emerging Therapies in Heart Failure: The Crystal Ball

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

Room 315 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Kirkwood F. Adams

Co-Chair: Jill M. Gelow

Panelist: William Abraham

Panelist: Olujimi Adeoluwa Ajijola

Panelist: Joshua M. Hare

Panelist: JoAnn Lindenfeld

Panelist: John R. Teerlink

4:45 p.m.

What Are the Unmet Needs in Heart Failure Treatment?

Mariell Jessup

Boston, MA

4:55 p.m.

Emerging Pharmacotherapeutics for Heart Failure

John R. Teerlink

San Francisco, CA

5:05 p.m.

The Mitral Valve as a Target; Nonsurgical Emerging Treatments

JoAnn Lindenfeld

Nashville, TN

5:15 p.m.

Stem Cell therapy for Heart Failure: Emerging or Submerging

Joshua M. Hare

Miami, FL

5:25 p.m.

Emerging Gadgets to Treat Heart Failure

William Abraham

Columbus, OH

5:35 p.m.

Electrical Therapies: Shocks, Sparks and Stimulators

Olujimi Adeoluwa Ajijola

Los Angeles, CA

5:45 p.m.

Panel Discussion With Questions and Answer

Heart Failure and Cardiomyopathies - Scientific

Session #640

Key Challenges and Controversies in Heart Transplantation

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

Room 312 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Josef Stehlik

Co-Chair: Amanda Vest

Panelist: Howard J. Eisen

Panelist: Michael M. Givertz

Panelist: Jon Kobashigawa

Panelist: Jason Smith

Panelist: Randall C. Starling

Panelist: Maria M. White

4:45 p.m.

The Pre-Transplant Workup: What's Allowed and What's Not?

Maria M. White

Los Angeles, CA

4:55 p.m.

The Nuts and Bolts of the New UNOS Allocation Policy: Will This Affect Our Practice?

Jon Kobashigawa

Los Angeles, CA

5:05 p.m.

Strategies to Improve Post Transplant Survival: Have We Reached the Ceiling?

Randall C. Starling

Cleveland, OH

5:15 p.m.

Novel Donor Preservation Strategies in Heart Transplantation

Jason Smith

Maywood, IL

5:25 p.m.

Predicting Rejection: Will We Ever Get Past Biopsies?

Howard J. Eisen

Philadelphia, PA

5:35 p.m.

Cardiac Allograft Vasculopathy: Where Are We Now?

Michael M. Givertz

Boston, MA

5:45 p.m.

Panel Question and Answer

Heart Failure and Cardiomyopathies - Scientific

Session #653

Cardiogenic Shock and Acute Mechanical Support Strategies

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

Room 315 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Sean Patrick Pinney

Co-Chair: Nir Uriel

Panelist: Richard Kar-Hang Cheng



Panelist: Michael S. Kiernan
Panelist: Robb D. Kociol
Panelist: Jesus Eduardo Rame

8:00 a.m.
Defining Shock and Key Components of the Shock Team
Michael S. Kiernan
Wellesley, MA

8:15 a.m.
Case Presentation: My Patient Is in Shock--- Which Device?
Gurusher S. Panjrath
Washington, DC

8:21 a.m.
Trends in Device Utilization and Outcomes in Patients With Cardiogenic Shock
Richard Kar-Hang Cheng
Bellevue, WA

8:36 a.m.
Case Presentation: Percutaneous VAD Support
Jason Lucas
Roswell, GA

8:42 a.m.
Percutaneous Support Device: When to Support the LV, RV, or Both
Jesus Eduardo Rame
Philadelphia, PA

8:57 a.m.
Case Presentation: VA ECMO
Michele Esposito
Boston, MA

9:03 a.m.
VA ECMO for Cardiogenic Shock: Contemporary Strategies and Outcomes
Robb D. Kociol
Milton, MA

9:18 a.m.
Panel Discussion With Questions and Answer

**Heart Failure and Cardiomyopathies - Oral Contributions
Session #901
Highlighted Original Research: Heart Failure and
Cardiomyopathies and the Year in Review
Sunday, March 11, 2018, 8:00 a.m. - 9:30 a.m.
Room 312 A
CME Hours: 1.5 /CNE Hours: 1.5**

Co-Chair: David DeNofrio
Co-Chair: Bonnie Ky

8:00 a.m.
Year in Review Speaker
Douglas L. Mann
Saint Louis, MO

8:12 a.m.

Exercise Unmasks Distinct Pathophysiologic Features of Pulmonary Vascular Disease in Heart Failure With Preserved Ejection Fraction
Thomas Gorter, Masaru Obokata, Yogesh Reddy, Barry Borlaug, Mayo Clinic, Rochester, MN, USA, University Medical Center Groningen, Groningen, The Netherlands

8:22 a.m.
Discussion

8:25 a.m.
Cardiomyocyte-Specific Overexpression of the β 3-Adrenergic Receptor Prevents Heart Failure in a Model of Pressure Overload
Andrés Pun, David Sanz-Rosa, Belen Prados, Jose Luis de la Pompa, Borja Ibanez, Centro Nacional de Investigaciones Cardiovasculares Carlos III (CNIC), Madrid, Spain

8:35 a.m.
Discussion

8:38 a.m.
Risk of Adverse Outcomes Associated With Atrial Fibrillation Subtypes in Heart Failure With Preserved Ejection Fraction
Sanjay Venkatesh, Wesley O'Neal, Pratik Sandesara, Elsayed Soliman, Department of Internal Medicine, Wake Forest University School of Medicine, Winston-Salem, NC, USA

8:48 a.m.
Discussion

8:51 a.m.
Reduction in Left Ventricular Outflow Tract Gradient With Mavacamten (MYK-461) in Symptomatic Obstructive Hypertrophic Cardiomyopathy Patients (PIONEER-HCM)
Daniel Jacoby, Steven Lester, Anjali Owens, Andrew Wang, Don Young, Radhika Tripuraneni, Marc Semigran, Stephen Heitner, MyoKardia, Inc., South San Francisco, CA, USA

9:01 a.m.
Discussion

9:04 a.m.
The DNA-Based Therapeutic Agent BC 007 Completely Neutralizes Agonistic Autoantibodies Directed Against β ₁-Adrenoceptors: Results of a Phase 1 Trial
Johannes Mueller, Annkathrin Haberland, Niels-Peter Becker, Katrin Wenzel, Gerd Wallukat, Peter Goettel, Sarah Schulze-Rothe, Ingolf Schimke, Georg Golor, Matthias Grossmann, Angela Sinn, Martina Steiper, Tuba Yilmaz, Anne Wallukat, Hanna Davideit, Susanne Becker, Berlin Cures, Berlin, Germany, Parexel, Berlin, Germany

9:14 a.m.
Discussion

9:17 a.m.
Continuous Wearable Monitoring Analytics Predict Heart Failure Decompensation: The LINK-HF Multi-Center Study
Josef Stehlik, Carsten Schmalfuss, Biykem Bozkurt, Jose Nativi-Nicolau, Stephan Wegerich, Kevin Rose, Ranjan Ray, Richard Schofield, Anita Deswal, Jadranka Sekaric, Sebastian Anand, Dylan



Richards, Heather Hanson, Matthew Pipke, Michael Pham,
Veterans Health Administration, Salt Lake City, UT, USA, PhysIQ
Inc., Chicago, IL, USA

9:27 a.m.

Discussion

Heart Failure and Cardiomyopathies - Hands-on Skills Learning

Session #1520

**Hands-On Simulation Skills Training: Immersive
Simulation Station . . . Guideline-directed Heart Failure
Care Utilizing Full-body Manikin**

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

**Personalized Skills and Simulation Center: Lounge &
Learn, Hall C**

CME Hours: /CNE Hours:

8:30 a.m.

Faculty: Immersive Simulation Station

Michael T. Spooner

Norfolk, VA

Heart Failure and Cardiomyopathies - Hands-on Skills Learning

Session #1521

**Hands-On Simulation Skills Training: Procedural Skill
Station . . . Including Echocardiography and Right Heart
Catheterization**

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

**Personalized Skills and Simulation Center: Lounge &
Learn, Hall C**

CME Hours: /CNE Hours:

8:30 a.m.

Faculty: Procedural Skill Station

Ankur Kalra

Cleveland, OH

Heart Failure and Cardiomyopathies - Hands-on Skills Learning

Session #1522

**Hands-On Simulation Skills Training: Shared Decision-
making Simulation Station . . . Improve Your Patient
Communication Techniques**

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

**Personalized Skills and Simulation Center: Lounge &
Learn, Hall C**

CME Hours: /CNE Hours:

8:30 a.m.

Faculty: Shared Decision-making Simulation Station

Erica Sarah Spatz

New Haven, CT

Heart Failure and Cardiomyopathies - Poster Contributions

Session #1186

**New Frontiers in Metabolism and Fibrosis in
Cardiomyopathy**

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

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

047 - 12-Month Kinetics of Galectin-3 and Its Relationships With
Extracellular Matrix Fibrosis and Cardiovascular Outcomes in
Dilated Cardiomyopathy

Pawel Rubis, Sylwia Wiśniowska-Smiałek, Ewa Dziewięcka, Lusine
Khachatryan, Aleksandra Karabinowska, Maria Szymonowicz, Ewa
Wypasek, Piotr Podolec, Department of Cardiac and Vascular
Diseases, John Paul II Hospital, Krakow, Poland, Department of
Molecular Biology, John Paul II Hospital, Krakow, Poland

048 - Associations Between Long Chain Ceramide Levels and Heart
Failure Phenotypes in Stable Cardiac Patients

Chonyang Albert, Ina Nemet, Hai Hoang Bui, Mingshan Kuo,
Yuping Wu, Marian Moser, Stanley Hazen, Wai Hong Tang,
Cleveland Clinic, Cleveland, OH, USA

049 - Novel Cardiac Fibroblast-Derived Extracellular Matrix
Educates Monocytes Into Alternatively Activated Macrophages
With Low Inflammatory Marker Expression

Keith Spinali, Eric Schmuck, Sydney Walker, Anisa Dhillon, John
Kink, Debra Bloom, Peiman Hematti, Amish Raval, University of
Wisconsin Madison, Madison, WI, USA

050 - Curcumin Inhibits Endothelial Mesenchymal Transition by
Suppressing Toll-Like Receptor 4 Pathways

Yunzhao Hu, Gaifeng Hu, Yuli Huang, Meijun Li, Shunde Hospital,
Southern Medical University, Foshan, People's Republic of China

051 - The Warburg Effect in the Heart: Increased Glucose
Metabolism Drives Cardiomyocyte Hypertrophy in Response to
Adrenergic Stimulation

Giovanni Davogustto, William Dillon, Rebecca Salazar, Hernan
Vasquez, Heinrich Taegtmeier, Vanderbilt University Medical
Center, Nashville, TN, USA, The University of Texas Health Science
Center at Houston, Houston, TX, USA

052 - Metabolomics Profiling of Left Ventricular Diastolic
Dysfunction in Women With, or at Risk For HIV Infection: The
Women's Interagency HIV Study

Claudio Bravo, Simin Hua, Clary B. Clish, Justin Scott, Amy Deik,
Robert C. Kaplan, Jason Lazar, Kathryn Anastos, Octavio A. Robles,
Jorge Kizer, Qibin Qi, Albert Einstein College of Medicine, Bronx,
NY, USA

053 - Reduction in Myocyte Autophagy Contributes to Left
Ventricular Remodeling After Myocardial Infarction in Rabbits:
Normalization by Antioxidants

Rui-Fang Chi, Jia-Pu Wang, Ke Wang, Xiao-Li Zhang, Yue-An Zhang,
Fu-Zhong Qin, Xue-Bin Han, The Affiliated Cardiovascular Hospital
of Shanxi Medical University, Taiyuan, People's Republic of China,
Shanxi Medical University, Taiyuan, People's Republic of China



054 - Anti-Fibrotic Effects of Neuregulin-1 β Via Suppression of Endothelial to Mesenchymal Transition in Diabetic Cardiomyopathy

Yuli Huang, Yu Wu, Yunzhao Hu, Gaifeng Hu, Weijun Huang, Shunde Hospital, Southern Medical University, Foshan, People's Republic of China

Heart Failure and Cardiomyopathies - Poster Contributions

Session #1187

Shocking News About Shock and Heart Failure

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

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

055 - Continuous Home Intravenous Inotropic Therapy Decreases Symptom Severity and May Reduce Hospitalizations in Patients With Advanced Heart Failure

Allyson Checkley, Samantha Kile, Loretta Kristofek, Danielle Brunjes, William Bolgar, Vinay Thohan, MaryJane Farr, Jonathan Rich, Coram CVS Specialty Infusion Services, Denver, CO, USA

056 - Outcomes in Patients With Mechanical and Bio-Prosthetic Valves Undergoing Left Ventricular Assist Device Implantation

Fatima Khan, Farhan Raza, Donald C. Haas, Soundarapandian Vijayakumar, Rene Alvarez, Danbury Hospital, Danbury, CT, USA, Temple University, Philadelphia, PA, USA

057 - Incidence of Stroke Increases With Prolonged Use of Impella Percutaneous Left Ventricular Assist Device

Italo Novoa, Gabriel Hernandez, Rajiv Parmar, Jonatan Nunez Breton, Vanessa Blumer, Sandra Chaparro, Jackson Memorial Hospital, Miami, FL, USA, University of Miami Hospital, Miami, FL, USA

058 - Mechanical Circulatory Support For Acute Myocardial Infarction Beyond Cardiogenic Shock: Role of Impella Versus Intraaortic Balloon Pump in Mid-Term Myocardial Recovery
Federico Pappalardo, Tania Sorrentino, Marina Pieri, Michele Oppizzi, Giulio Melisurgo, Rosalba Lembo, Alberto Zangrillo, IRCCS San Raffaele Scientific Institute, Milan, Italy

059 - White Blood Cell Count to Platelet Ratio: A Novel Biomarker For Predicting Outcomes in Patients on Circulatory Support Devices

Basma Abdulhadi, Mario Naranjo, Parasuram Krishnamoorthy, Janani Rangaswami, Einstein Medical Center, Philadelphia, PA, USA

060 - Prolonged Use of Levitronix Right Ventricular Assist Device (RVAD) in Patients With Long Term Left Ventricular Assist Device (LVAD)

Syed Mohiyaddin, Adnan Yousaf, Ahmed Hailan, Mohammed Aldweik, Morrison Cardiac Centre, Swansea, United Kingdom

061 - Evaluation of a Thromboelastography and Platelet Function-Guided Protocol For Management of Ventricular Assist Devices

Avesha Ather, Sandeep Devabhakthuni, Vijay Ivaturi, Khue Ton, Brent Reed, University of Maryland School of Pharmacy, Baltimore, MD, USA, University of Kentucky HealthCare, Lexington, KY, USA

062 - Comparison of Pulmonary Artery Catheter Use in Cardiogenic Shock Versus Septic Shock

Gbolahan Ogunbayo, Patricia Santos, Naoki Misumida, Le Dung Ha, Suartcha Prueksaritanond, Karam Ayoub, Meera Marji, Andrew Kolodziej, Ahmed Abdel-Latif, Maya Guglin, University of Kentucky, Lexington, KY, USA

063 - Vasoactive Inotropic Score as a Predictor of Mortality in Adult Patients With Cardiogenic Shock

Soo Jin Na, Chi Ryang Chung, Yang Hyun Cho, Kyeongman Jeon, Gee Young Suh, Joong Hyun Ahn, Keumhee C. Carriere, Taek Kyu Park, Ga Yeon Lee, Joo Myung Lee, Young Bin Song, Joo-Yong Hahn, Jin-Ho Choi, Seung-Hyuk Choi, Hyeon-Cheol Gwon, Jeong Hoon Yang, Department of Critical Care Medicine, Samsung Medical Center, Seoul, South Korea, Sungkyunkwan University School of Medicine, Seoul, South Korea

064 - Impella Support For Cardiogenic Shock Secondary to Acute Myocarditis

Marinos Charalambous, Perwaiz Meraj, Rajiv Jauhar, Joseph Donnelly, Andrea Mignatti, Avneet Singh, North Shore University Hospital, Manhasset, USA

065 - LVAD ECG Artifact Reflecting HeartWare Pump Speed

Sarah Schettle, Mahwash Kassi, Rabea Asleh, Naveen Pereira, Simon Maltais, John Stulak, Barry Boilson, Mayo Clinic, Rochester, MN, USA

066 - Improvement of Hemodynamics After Left Ventricular Assist Device Placement Is Independent of Right Ventricular Outflow Tract Notching

Maria Pabon, Farhan Raza, Irina Sobol, Udhay Krishnan, Evelyn M. Horn, Maria Karas, Weill Cornell Medical College, New York, NY, USA, New York Presbyterian Hospital, New York, NY, USA

067 - Coronary Artery Disease and Right Ventricular Function Predict Outcomes After Ventricular Assist Device Placement

Stephanie Wu, Peter Xu, Andy Lee, Michael Fong, University of Southern California Internal Medicine, Los Angeles, CA, USA, University of Southern California Cardiology, Los Angeles, CA, USA

068 - Effects of Carperitide Depending on Degree of Pulmonary Congestion

Yuichi Kawase, Reo Hata, Takeshi Tada, Kazushige Kadota, Kurashiki Central Hospital, Kurashiki, Japan

069 - Assessment of Sleep in Patients With Chronic Heart Failure Using Peripheral Arterial Tone Measurement

Thomas Bitter, Florian Schindhelm, Henrik Fox, Dieter Horstkotte, Olaf Oldenburg, Clinic for Cardiology, Herz- und Diabeteszentrum NRW, Ruhr-Universität Bochum, Bad Oeynhausen, Germany

070 - Long-Term Follow Up of Acute Heart Failure Patients

Underwent Levosimendan Infusion: Identification of Responders and Non-Responders by Using HLM Classification
Maria Alfarano, Paolo Severino, Iliaria Mancini, Mariateresa Pucci, Elisa Pagliaroli, Martina Straito, Iliaria Ferrari, Stefano Peroni, Simone Calcagno, Antonio Fusto, Massimo Mancone, Francesco Fedele, Sapienza University of Rome, Rome, Italy

**Heart Failure and Cardiomyopathies - Poster Contributions****Session #1188****Defining Risk, Prognosis and Stratification Tools****Sunday, March 11, 2018, 9:30 a.m. - 12:30 p.m.****Poster Hall, Hall A/B****CME Hours: /CNE Hours:**

071 - A TNM-Like Staging System For Risk Stratification in Heart Failure Patients

Maria Alfarano, Paolo Severino, [Mariateresa Pucci](#), Ilaria Mancini, Ilaria Ferrari, Stefano Peroni, Simone Calcagno, Antonio Fusto, Danilo Alunni Fegatelli, Susanna Sciomer, Annarita Vestri, Massimo Mancone, Francesco Fedele, Sapienza University of Rome, Policlinico Umberto I, Rome, Italy, Sapienza University of Rome, Department of Public Health and Infectious Diseases, Rome, Italy

072 - Medicare-Validated Readmission Score Maintains Prognostic Value in Real-World Heart Failure

[Connie Lewis](#), Pikki Lai, Zachary Cox, Vanderbilt University Medical Center, Nashville, TN, USA, Lipscomb University College of Pharmacy, Nashville, TN, USA

073 - The Prognostic Value of Left Atrial Function by Speckle Tracking Strain Imaging in Patients With Peripartum Cardiomyopathy

[Yuko Soyama](#), Dennis McNamara, Masataka Sugahara, Joan Brilller, Leslie Cooper, Julie Damp, Mark Drazner, James Fett, Eileen Hsich, Navin Rajagopalan, Nobuyuki Kagiyama, John Gorcsan III, Washington University in St. Louis, Saint Louis, MO, USA, University of Pittsburgh, Pittsburgh, PA, USA

074 - Usefulness of Combined Right Ventricular Ejection Fraction and the Mode of End-Stage Liver Disease Score For Worsening Heart Failure in Chronic Heart Failure

[Eiji Fukuhara](#), Takahisa Yamada, Takahisa Morita, Yoshio Furukawa, Shunsuke Tamaki, Yusuke Iwasaki, Masato Kawasaki, Astushi Kikuchi, Tsutomu Kawai, Masahiro Seo, Iyo Ikeda, Jyun Nakamura, Makoto Abe, Kiyomi Kayama, Masatsugu Kawahira, Kazuya Tanabe, Masatake Fukunami, Osaka General Medical Center, Osaka, Japan

075 - Prediction of Mode of Death by Diuretic Resistance in Patients Admitted For Acute Decompensated Heart Failure With Reduced and Preserved Left Ventricular Ejection Fraction: A Prospective Study

[Eiji Fukuhara](#), Takahisa Yamada, Takashi Morita, Yoshio Furukawa, Shunsuke Tamaki, Yusuke Iwasaki, Atsushi Kikuchi, Tsutomu Kawai, Masahiro Seo, Iyo Ikeda, Makoto Abe, Jyun Nakamura, Kiyomi Kayama, Masatsugu Kawahira, Kazuya Tanabe, Masatake Fukunami, Osaka General Medical Center, Osaka, Japan

076 - Reduced Resting Oxygen Consumption Index Is Associated With Worse Short-Term Outcomes in Advanced Heart Failure Patients

[Thomas Cascino](#), Daniel Perry, Gillian Grafton, Todd M. Koelling, University of Michigan, Ann Arbor, MI, USA

077 - Get With the Guidelines-Heart Failure Risk Score Is Useful For the Prediction of Mode of Death in Patients Admitted For Acute Decompensated Heart Failure

[Shunsuke Tamaki](#), Takahisa Yamada, Takashi Morita, Yoshio Furukawa, Yusuke Iwasaki, Masato Kawasaki, Atsushi Kikuchi, Tsutomu Kawai, Masahiro Seo, Iyo Ikeda, Eiji Fukuhara, Jun Nakamura, Makoto Abe, Kiyomi Kayama, Masatsugu Kawahira, Kazuya Tanabe, Masatake Fukunami, Osaka General Medical Center, Osaka, Japan

078 - Prognostic Value of Charlson Comorbidity Index in Patients Admitted For Acute Decompensated Heart Failure With Reduced or Preserved Left Ventricular Ejection Fraction: A Prospective Study

[Shunsuke Tamaki](#), Takahisa Yamada, Takashi Morita, Yoshio Furukawa, Yusuke Iwasaki, Masato Kawasaki, Atsushi Kikuchi, Tsutomu Kawai, Masahiro Seo, Iyo Ikeda, Eiji Fukuhara, Makoto Abe, Jun Nakamura, Kiyomi Kayama, Kazuya Tanabe, Masatsugu Kawahira, Masatake Fukunami, Osaka General Medical Center, Osaka, Japan

079 - N-Terminal Pro-B-Type Natriuretic Peptide Versus Clinical Risk Scores For Prognostic Stratification in Heart Failure Patients [Chiara Arzilli](#), Alberto Aimò, Giuseppe Vergaro, Alessandra Gabutti, Andrea Ripoli, Michele Senni, Michele Emdin, Claudio Passino, Fondazione Toscana Gabriele Monasterio, Pisa, Italy

080 - Increased Left Atrial Volume Index Is Associated With Worse Outcomes in Heart Failure With Preserved Ejection Fraction [Alex Michael Parker](#), Kenneth Bilchick, Hunter Mwansa, Anthony Peters, Khadijah Breathlet, Mwenya Mubanga, Jamie Kennedy, Mohammed Abuannadi, James Bergin, Sula Mazimba, University of Virginia, Charlottesville, VA, USA

081 - Right Atrial Pressure to Stroke Volume Ratio Predicts Adverse Outcomes in Advanced Heart Failure [Jigna Solanki](#), Kenneth Bilchick, Jose Tallaj, Sula Mazimba, University of Virginia, Charlottesville, VA, USA

082 - Prognostic Value of Biomarker of Collagen Turnover (C-Terminal Telopeptide) in Patients With Non-ST-Elevation Acute Coronary Syndromes: Insights From MERLIN-TIMI 36 [Thomas Zelniker](#), Petr Jarolim, Benjamin Scirica, Eugene Braunwald, Jeong-Gun Park, Saumya Das, Marc Sabatine, David A. Morrow, TIMI Study Group, Division of Cardiovascular Medicine, Brigham and Women's Hospital & HMS, Boston, MA, USA

083 - Long-Term Outcome of Medical Treatment For Chronic Ischemic Mitral Regurgitation [Duk-Hyun Kang](#), Ran Heo, Seung-Ah Lee, Sahmin Lee, Dae-Hee Kim, Jong-Min Song, Kee-Joon Choi, Jae-Kwan Song, Joo-Hee Zo, Asan Medical Center, Seoul, South Korea, Boramae Hospital, Seoul, South Korea

084 - Frailty Independently Predicts Hospitalization Burden in Heart Failure With Preserved Ejection Fraction [Mohamed-Ali Sareini](#), Whitney Hornsby, Fadi Alreefi, Matthew Konerman, Scott L. Hummel, University of Michigan, Ann Arbor, MI, USA



085 - Outcomes of Weekend Versus Weekday Admission For Acute Decompensated Heart Failure in Patients With Reduced Ejection Fraction: The Atherosclerosis Risk in Communities Surveillance Study
Louisa Mounsey, Patricia Chang, Carla Sueta, Kunihiro Matsushita, Stuart Russell, Edgar Miller, Melissa Caughey, University of North Carolina, Chapel Hill, NC, USA

086 - Integrating Correlation Based Networks Into Risk Prognostication of Cardiomyopathy
Kegan James Moneghetti, Juyong Kim, Yukari Kobayashi, Kalyani Boralkar, Matthew Wheeler, Euan Ashley, Francois Haddad, Stanford University, Stanford, CA, USA

087 - Low Heart Rate in Combination With Low Blood Pressure in Patients With Acute Decompensated Heart Failure Associates With Increased Risk of Cardiovascular Mortality
Masaru Hiki, Hiroshi Iwata, Kiyoshi Takasu, Go Ishikawa, Yuichi Chikata, Takatoshi Kasai, Tetsuro Miyazaki, Kenji Inoue, Yasumasa Fujiwara, Masataka Sumiyoshi, Hiroyuki Daida, Juntendo University Graduate School of Medicine, Tokyo, Japan

088 - The Complementary Value of the Get With the Guidelines: Heart Failure Risk Score and Laboratory Markers at Discharge in Predicting Mortality in Patients Hospitalized With Heart Failure With Preserved Ejection Fraction
Kalyani Boralkar, Yukari Kobayashi, Vedant Pargaonkar, Kegan Moneghetti, Mirela Tuzovic, Gomathi Krishnan, Myriam Amsallem, Tatiana Kouznetsova, Benjamin Horne, Kirk Knowlton, Paul Heidenreich, Francois Haddad, Stanford School of Medicine, Stanford, CA, USA, Intermountain Medical Center Heart Institute, Salt Lake City, UT, USA

089 - Co-Morbidities and Ethnicity/Race Predict Morbidity and Mortality in High Risk Heart Failure Patients With Systolic Dysfunction: The GUIDE-IT Predictive Risk Model
Christopher M. O'Connor, Mona Fiuzat, Adrian Coles, Hillary Mulder, Kevin Anstrom, Tariq Ahmad, Kirkwood Adams, Ileana L. Pina, Lawton Cooper, Patrice Nickens, Daniel Mark, Justin Ezekowitz, James Januzzi, Eric Leifer, G. Michael Felker, Inova Heart & Vascular Institute, Falls Church, VA, USA, Duke Clinical Research Institute, NC, USA

090 - Use of a Risk Model to Identify Heart Failure Patients at High Risk For In-Hospital Mortality and Readmission
Mohamed Mohamed, Larissa Stanberry, Ross Garberich, Mosi Bennett, Minneapolis Heart Institute Foundation, Minneapolis, MN, USA

091 - Hyperlipidemia Paradox: Hyperlipidemia Lowers the Risk of Death and Attenuates the Mortality Risk of Other Comorbid Conditions After Hospitalization For Acute Myocardial Infarction and Heart Failure
Mohammed Yousufuddin, Jessica Shultz, Lawrence Keenan, Taylor Doyle, Ahmmad Eimad, Tammy Olson, Paul Takahashi, M. Hassan Murad, Mayo Clinic Health System, Austin, MN, USA, Mayo Clinic, Rochester, MN, USA

092 - Prediction of Mode of Death by Model of End-Stage Liver Disease Excluding INR (MELD-XI) Scoring System in Patients

Admitted For Acute Decompensated Heart Failure With Preserved and Reduced Ejection Fraction: A Comparison With Non-Invasive Liver Fibrosis Markers
Takahisa Yamada, Takashi Morita, Yoshio Furukawa, Shunsuke Tamaki, Yusuke Iwasaki, Masato Kawasaki, Atsushi Kikuchi, Tsutomu Kawai, Masahiro Seo, Iyo Ikeda, Eiji Fukuhara, Jun Nakamura, Makoto Abe, Kazuya Tanabe, Kiyomi Kayama, Masatsugu Kawahira, Masatake Fukunami, Osaka General Medical Center, Osaka, Japan

093 - Prognostic Value of the Combination of Cardiac Power Index and Model of End-Stage Liver Disease Excluding INR (MELD-XI) Score in Patients Admitted For Acute Decompensated Heart Failure
Takahisa Yamada, Takashi Morita, Yoshio Furukawa, Shunsuke Tamaki, Yusuke Iwasaki, Masato Kawasaki, Atsushi Kikuchi, Tsutomu Kawai, Masahiro Seo, Iyo Ikeda, Eiji Fukuhara, Jun Nakamura, Kazuya Tanabe, Kiyomi Kayama, Masatsugu Kawahira, Makoto Abe, Masatake Fukunami, Osaka General Medical Center, Osaka, Japan

094 - Long-Term Prognostic Value of Systemic Arterial Pulsatility Index in Patients Admitted With Acute Decompensated Heart Failure
Takahisa Yamada, Takashi Morita, Yoshio Furukawa, Shunsuke Tamaki, Yusuke Iwasaki, Masato Kawasaki, Atsushi Kikuchi, Tsutomu Kawai, Masahiro Seo, Iyo Ikeda, Eiji Fukuhara, Jun Nakamura, Makoto Abe, Kazuya Tanabe, Kiyomi Kayama, Masatsugu Kawahira, Masatake Fukunami, Osaka General Medical Center, Osaka, Japan

095 - Prognostic Impact of Malnutrition and Fat Volume in Men Versus Women With Acute Decompensated Heart Failure
Takahisa Yamada, Takashi Morita, Yoshio Furukawa, Shunsuke Tamaki, Yusuke Iwasaki, Masato Kawasaki, Atsushi Kikuchi, Tsutomu Kawai, Masahiro Seo, Iyo Ikeda, Eiji Fukuhara, Jun Nakamura, Makoto Abe, Kazuya Tanabe, Kiyomi Kayama, Masatsugu Kawahira, Masatake Fukunami, Osaka General Medical Center, Osaka, Japan

096 - Prognostic Value of the Combination of Simple Risk Index and Moderate to Severe Acute Kidney Injury in Patients Admitted For Acute Decompensated Heart Failure
Takahisa Yamada, Takashi Morita, Yoshio Furukawa, Shunsuke Tamaki, Yusuke Iwasaki, Masato Kawasaki, Atsushi Kikuchi, Tsutomu Kawai, Masahiro Seo, Iyo Ikeda, Eiji Fukuhara, Jun Nakamura, Makoto Abe, Kazuya Tanabe, Kiyomi Kayama, Masatsugu Kawahira, Masatake Fukunami, Osaka General Medical Center, Osaka, Japan

097 - Geriatric Nutritional Risk Index Provides the Additional Long-Term Prognostic Information to ADHERE Risk Level in Patients Admitted For Acute Decompensated Heart Failure
Takahisa Yamada, Takashi Morita, Yoshio Furukawa, Shunsuke Tamaki, Yusuke Iwasaki, Masato Kawasaki, Masato Kawasaki, Atsushi Kikuchi, Tsutomu Kawai, Masahiro Seo, Iyo Ikeda, Eiji Fukuhara, Jun Nakamura, Makoto Abe, Kazuya Tanabe, Kiyomi Kayama, Masatsugu Kawahira, Masatake Fukunami, Osaka General Medical Center, Osaka, Japan



098 - Long-Term Prognostic Value of the Combination of the Get With the Guidelines-Heart Failure Risk Score and Acute Kidney Injury in Patients With Admitted For Acute Decompensated Heart Failure

Takahisa Yamada, Takashi Morita, Yoshio Furukawa, Shunsuke Tamaki, Yusuke Iwasaki, Masato Kawasaki, Atsushi Kikuchi, Tsutomu Kawai, Masahiro Seo, Iyo Ikeda, Eiji Fukuhara, Jun Nakamura, Makoto Abe, Kazuya Tanabe, Kiyomi Kayama, Masatsugu Kawahira, Masatake Fukunami, Osaka General Medical Center, Osaka, Japan

099 - Medicare or Medicaid Enrollment Increases Risk of 30 Day Readmissions For Heart Failure Patients

Brian Allen, Clay Cauthen, University of Texas at Austin Dell Medical School, Austin, TX, USA

100 - Cognitive Impairment Is Not Associated With Asymptomatic Left Ventricular Dysfunction as Assessed by Global Longitudinal Strain in Elderly Patients at Risk of Heart Failure

Liz Potter, Nimna Perera, Thomas H. Marwick, Baker Heart and Diabetes Institute, Melbourne, Australia

101 - Use of LACE Index to Predict the Risk of Readmission in Patients With Acute Decompensated Heart Failure in a Predominant Hispanic Population

Eder Hans Cativo Calderon, Tuoyo Mene-Afejuku, Diana P. Cativo, Persio Lopez, Hans Reyes Garay, Marco Ruiz, Ferdinand Visco, New York Medical College, Metropolitan Hospital, New York, NY, USA

102 - Soluble ST2 Levels Show Promising Trend With Increasing Left Ventricular Mass in Ambulatory Heart Failure Cohort

Jennifer M. McLeod, Jeffrey Tran, Luanda Grazette, University of Southern California Keck School of Medicine, Los Angeles, CA, USA

103 - Prospective Association of Heart Rate Variability and Heart Failure, Heart Failure With Preserved Ejection Fraction, Heart Failure With Reduced Ejection Fraction in Postmenopausal Women

Reema Qureshi, Ahmed S. Mohamed, Mary Roberts, Lisa W. Martin, Matthew A. Allison, Michael J. LaMonte, Simin Liu, Zhan-Peng Huang, JoAnn Manson, Charles Eaton, Brown University, Providence, RI, USA

104 - Predictors of Readmission or Death Among Patients Who Were Discharged Alive With a First Diagnosis of Heart Failure in a Statewide Database

William J. Kostis, Handing Xie, Davit Sargsyan, Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ, USA

105 - Predictors of 6-Month Heart Failure Readmission and Death in Older Patients With Heart Failure With Preserved Versus Reduced Ejection Fraction

Cherinne Arundel, Helen Sheriff, Fahad K. Lodhi, Charity Morgan, Steven Singh, Phillip H. Lam, Selma Mohammed, Charles Faselis, Gregg C. Fonarow, Ali Ahmed, Washington DC Veterans Affairs Medical Center, Washington, DC, USA, George Washington University, Washington, DC, USA

106 - Prognostic Significance of Serum Cholinesterase in Patients Admitted For Acute Decompensated Heart Failure

Masahiro Seo, Takahisa Yamada, Takashi Morita, Yoshio Furukawa, Shunsuke Tamaki, Yusuke Iwasaki, Masato Kawasaki, Atsushi Kikuchi, Tsutomu Kawai, Eiji Fukuhara, Iyo Ikeda, Jun Nakamura, Makoto Abe, Kiyomi Kayama, Masatsugu Kawahira, Kazuya Tanabe, Masatake Fukunami, Osaka General Medical Center, Osaka, Japan

107 - Prognostic Value of Right Ventricular Systolic Dysfunction in Heart Failure With Reduced Ejection Fraction

Anne-Catherine Pouleur, Marie-Bénédicte Bénats, Sylvie A. Ahn, Christophe de Meester, Mihaela Amzulescu, David Vancaeynest, Agnès Pasquet, Jean-Louis Vanoverschelde, Bernhard Gerber, Michel Rousseau, Cliniques Universitaires St. Luc, Brussels, Belgium

108 - Baseline Fragmented QRS Is Associated With Increased Overall Mortality in Heart Failure With Reduced Ejection Fraction: A Systematic Review and Meta-Analysis

Chanavuth Kanitsoraphan, Pattara Rattanawong, Poemlarp Mekraksakit, Pakawat Chongsathidkiet, Tanawan Riangwiwat, Napatt Kanjanahattakij, Wasawat Vutthikraivit, Saranapoom Klomjit, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand

109 - Which Objective Nutritional Index Is the Most Useful For the Prediction of One-Year Heart Failure Readmission in Elderly Patients With Acute Decompensated Heart Failure?

Yoshihiro Sato, Masahiro Kumada, Takuma Iida, Yukinori Okazaki, Tsutomu Nakagawa, Toyonaka Municipal Hospital, Osaka, Japan

110 - Prediction of All Cause Death in Patients With Acute Decompensated Heart Failure Using the Combination of the Fibrosis-4 Index and Geriatric Nutritional Risk Index

Yoshihiro Sato, Masahiro Kumada, Takuma Iida, Yukinori Okazaki, Tsutomu Nakagawa, Toyonaka Municipal Hospital, Toyonaka, Japan

Heart Failure and Cardiomyopathies - Moderated Poster Contributions

Session #1217M

New Approaches to Amyloid Cardiomyopathy

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

Heart Failure and Cardiomyopathies Moderated Poster Theater, Poster Hall, Hall A/B

CME Hours: /CNE Hours:

ACC Poster Moderator: Justin Lee Grodin

ACC Poster Moderator: Mark J. Zucker

9:45 a.m.

Inotersen Improves Quality of Life in Patients With Hereditary Transthyretin Amyloidosis With Polyneuropathy and Cardiomyopathy: Results of the Phase 3 Study NEURO-TTR

Mathew S. Maurer, Stephen Heitner, Brian Drachman, Carol Whelan, Spencer Guthrie, Li Tai, Steve G. Hughes, Brett P. Monia, Elizabeth J. Ackermann, Merrill D. Benson, Ionis Pharmaceuticals, Carlsbad, CA, USA

9:55 a.m.

Question and Answer

10:00 a.m.



Prevalence and Predictors of TTR Cardiac Amyloidosis at a Nonreferral VA Center
Alberta L. Warner, Zunera Ghaznavi, Fariba Fazelli, Shadia Hamideh, Gholam R. Berenji, VA Greater Los Angeles, Los Angeles, CA, USA, UCLA, Los Angeles, CA, USA

10:10 a.m.
Question and Answer

10:15 a.m.
Potential Reversal of Transthyretin Amyloid Cardiomyopathy With TTR Specific Antisense Oligonucleotide Therapy
Noel Rakhi Dasgupta, Merrill D. Benson, Indiana University, Indianapolis, IN, USA

10:25 a.m.
Question and Answer

Heart Failure and Cardiomyopathies - Hands-on Skills Learning
Session #1524
Hands-On Simulation Skills Training: Immersive Simulation Station . . . Guideline-directed Heart Failure Care Utilizing Full-body Manikin
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: Immersive Simulation Station
Jason Linefsky
Decatur, GA

Heart Failure and Cardiomyopathies - Hands-on Skills Learning
Session #1525
Hands-On Simulation Skills Training: Procedural Skill Station . . . Including Echocardiography and Right Heart Catheterization
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: Procedural Skill Station
Ada C. Stefanescu Schmidt
Boston, MA

Heart Failure and Cardiomyopathies - Hands-on Skills Learning
Session #1526
Hands-On Simulation Skills Training: Shared Decision-making Simulation Station . . . Improve Your Patient Communication Techniques
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: Shared Decision-making Simulation Station

Erica Sarah Spatz
New Haven, CT

Heart Failure and Cardiomyopathies - Scientific Session #666
International Clinical Trials in Heart Failure: Beyond Cultural Barriers; Joint Symposium of the Heart Failure Society of America and the American College of Cardiology
Sunday, March 11, 2018, 10:45 a.m. - 12:15 p.m.
Room 315 A
CME Hours: 1.5 /CNE Hours: 1.5

ACC Co-Chair: Randall C. Starling
Co-Chair: Mary N. Walsh

10:45 a.m.
Different Countries, Different Patients, Differing Outcomes
Marc A. Pfeffer
Boston, MA

11:00 a.m.
Underrepresentation of Minorities and Women - Impact on Clinical Trials
John J. V. McMurray
Glasgow, Scotland G12 8TA, United Kingdom

11:15 a.m.
Controversies in Counting and Attributing Events in Clinical Trials
Javed Butler
Stony Brook, NY

11:30 a.m.
Generalizability and Implementation of Findings
Marvin A. Konstam
Boston, MA

11:45 a.m.
International Trials in the Era of Precision Medicine
Eugene Braunwald
Boston, MA

12:00 p.m.
Question and Answer

Heart Failure and Cardiomyopathies - Scientific Session #667
Impact of Evolving Health Care Reforms on Heart Failure Patients
Sunday, March 11, 2018, 10:45 a.m. - 12:15 p.m.
Room 312 A
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Keith D. Aaronson
Co-Chair: Shashank S. Sinha
Panelist: Srinath Adusumalli
Panelist: Larry A. Allen
Panelist: Biykem Bozkurt
Panelist: Gregg C. Fonarow
Panelist: Shashank S. Sinha

10:45 a.m.
Economics of HF: Impact of Medicare Access and CHIP Reauthorization Act



Srinath Adusumalli
Philadelphia, PA

11:00 a.m.
Competing Interests? Tackling Mortality Versus Readmissions in the Era of the Hospital Readmissions Reduction Program (HRRP)
Larry A. Allen
Aurora, CO

11:15 a.m.
Impact of Medicare Accountable Care Organizations (ACOs) on Early and Late Heart Failure Episode Payments
Shashank S. Sinha
Ann Arbor, MI

11:30 a.m.
Transitioning From Volume to Value-Based Care: Implications for the Heart Failure Provider
Gregg C. Fonarow
Los Angeles, CA

11:45 a.m.
The Role of Advocacy in Heart Failure: Impact of the New Heart Failure Subspecialty Designation
Biykem Bozkurt
Houston, TX

12:00 p.m.
The Role of Advocacy in Heart Failure: Impact of the New Heart Failure Subspecialty Designation
Keith D. Aaronson
Ann Arbor, MI

Heart Failure and Cardiomyopathies - Hands-on Skills Learning
Session #1527
Hands-On Simulation Skills Training: Clinical Judgement Challenge Station . . . Body Interact Simulation Platform
Sunday, March 11, 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
Michael T. Spooner
Norfolk, VA

Heart Failure and Cardiomyopathies - Hands-on Skills Learning
Session #1528
Hands-On Simulation Skills Training: Immersive Simulation Station . . . Guideline-directed Heart Failure Care Utilizing Full-body Manikin
Sunday, March 11, 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: Immersive Simulation Station
Hampton Crimm
Bethesda, MD

Heart Failure and Cardiomyopathies - Hands-on Skills Learning
Session #1529
Hands-On Simulation Skills Training: Procedural Skill Station . . . Including Echocardiography and Right Heart Catheterization
Sunday, March 11, 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: Procedural Skill Station
Ankur Kalra
Cleveland, OH

Heart Failure and Cardiomyopathies - Hands-on Skills Learning
Session #1530
Hands-On Simulation Skills Training: Shared Decision-making Simulation Station . . . Improve Your Patient Communication Techniques
Sunday, March 11, 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: Shared Decision-making Simulation Station
Rachel J. Lampert
New Haven, CT

Heart Failure and Cardiomyopathies - International
Session #517
The Emerging Threat of Heart Failure in Asia: International Perspectives from the Japanese College of Cardiology, Thai Heart Association, and American College of Cardiology
Sunday, March 11, 2018, 12:30 p.m. - 1:45 p.m.
Room 304 A
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Mary N. Walsh
Co-Chair: Hiroaki Kitaoka
Co-Chair: Taworn Suithichaiyakul

12:30 p.m.
Introduction to Session
Mary N. Walsh
Indianapolis, IN

12:35 p.m.
Heart Failure in the Asia-Pacific Region: An Emerging Threat
Rungroj Kittayaphong
Bangkok, Thailand

12:47 p.m.
Genotype and Phenotype of Hypertrophic Cardiomyopathy in Japan
Toru Kubo
Kochi, Japan

12:59 p.m.



Challenges in Applying Advanced Heart Failure Care Programs in Developing Countries

Sarinya Puwanant
Bangkok, Thailand

1:11 p.m.

Outcomes of Alcohol Septal Ablation for the Treatment of Hypertrophic Obstructive Cardiomyopathy in Japan

Yuichiro Maekawa
Hamamatsu, Japan

1:23 p.m.

Discussion

Heart Failure and Cardiomyopathies - Scientific Session #681

Multiple Faces of HFpEF: Learning With the Experts
Sunday, March 11, 2018, 12:30 p.m. - 1:45 p.m.

Room 315 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Barry Borlaug

Co-Chair: Flora Sam

Panelist: Akshay S. Desai

Panelist: Sanjiv Jayendra Shah

Panelist: Nancy K. Sweitzer

12:30 p.m.

Diagnostic Approach to the Patient With Heart Failure With Preserved Ejection Fraction (HFpEF)

Sanjiv Jayendra Shah
Chicago, IL

12:45 p.m.

Case Presentations

Akshay S. Desai
Boston, MA

12:50 p.m.

Panel Discussion

1:00 p.m.

Case Presentation

Carolyn Lekavich
Durham, NC

1:05 p.m.

Panel Discussion

1:15 p.m.

Case Presentation

Edo Y. Birati
Wynnewood, PA

1:20 p.m.

Panel Discussion

1:30 p.m.

Case Presentation

Senthil Selvaraj
Philadelphia, PA

1:35 p.m.

Panel Discussion with Question and Answer

Heart Failure and Cardiomyopathies - Scientific Session #682

Cardiorenal Connections in Heart Failure

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

Room 312 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: John C. Burnett, JR

Co-Chair: Michael S. Kiernan

12:30 p.m.

Assessing Renal (Dys) Function in Patients With Cardiac Disease

Meredith Ann Brisco-Bacik

Philadelphia, PA

12:42 p.m.

Sodium Avidity: Can Anything Stop It?

Wai Hong Wilson Tang
Cleveland, OH

12:55 p.m.

HFpEF and HFrEF: It's All the Same to the Kidneys (Or Is It?)

Mark Sarnak
Boston, MA

1:07 p.m.

If You Treat the Heart, Will the Kidneys Follow?

Jeffrey M. Testani
New Haven, CT

1:20 p.m.

Combating Diuretic Resistance

Michael Felker
Durham, NC

1:32 p.m.

Defining Thresholds of Renal Risk for MCS and Heart Transplantation

Michael S. Kiernan
Wellesley, MA

Heart Failure and Cardiomyopathies - Core Curriculum Session #809

Breast Cancer and the Failing Heart

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

Room 207 A

CME Hours: 1.25 /CNE Hours: 1.25

Chair: Ileana L. Pina

12:30 p.m.

Causitive Agents: LV Dysfunction and Cancer Treatment

Juan C. Lopez-Mattei
Houston, TX

12:45 p.m.

LV Dysfunction: Risk Identification with Imaging and Biomarkers

Tochi M. Okwuosa
Chicago, IL

1:00 p.m.



Preventative Therapies to Reduce Risk of LV Dysfunction from Breast Cancer Treatment

Karol E. Watson
Los Angeles, CA

1:15 p.m.

ARS Questions

Ileana L. Pina
Bronx, NY

1:16 p.m.

Panel Discussion Moderator

Ileana L. Pina
Bronx, NY

1:16 p.m.

Panel Discussion with Question and Answer

Heart Failure and Cardiomyopathies - Moderated Poster Contributions

Session #1226M

Outcomes in Hypertrophic Cardiomyopathy

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

Heart Failure and Cardiomyopathies Moderated Poster Theater, Poster Hall, Hall A/B

CME Hours: /CNE Hours:

ACC Poster Moderator: Ray Hershberger

ACC Poster Moderator: Anju Nohria

12:30 p.m.

Prevalence and Clinical Features of Nonresponders to Surgical Myectomy With Obstructive Hypertrophic Cardiomyopathy
Sophie B. Wells, Ethan Rowin, Griffin Boll, Hassan Rastegar, Martin Maron, Barry J. Maron, Tufts Medical Center, Boston, MA, USA

12:40 p.m.

Question and Answer

12:45 p.m.

Association of Peak Oxygen Consumption and Survival in Patient With Hypertrophic Obstructive Cardiomyopathy

Jose Medina-Inojosa, Veronica Layrisse, Joshua Smith, Thomas Olson, Mayo Clinic, Rochester, MN, USA, San Juan Bautista School of Medicine, Caguas, PR, USA

12:55 p.m.

Question and Answer

1:00 p.m.

The Frequency of Mutations in Known Cardiomyopathy Genes Among Children With Hypertrophic Cardiomyopathy: The National Heart, Lung and Blood Institute-Funded Multicenter Pediatric Cardiomyopathy Registry Study

Elfriede Pahl, Stephanie Ware, Ling Shi, Debra Dodd, Steven Colan, James Wilkinson, Arthi Sridhar, Jeffrey Schubert, Charles Canter, Daphne T. Hsu, Steven A. Webber, Melanie Everitt, Paul Kantor, Linda Addonizio, Joseph Rossano, John L. Jeffries, Wendy Chung, Teresa Lee, Jeffrey Towbin, Paolo Rusconi, Ashwin Lal, Bruce Aronow, Lisa Martin, Erin Miller, Steven Lipshultz, Wayne

State University School of Medicine, Detroit, MI, USA, Children's Hospital of Michigan, Detroit, MI, USA

1:10 p.m.

Question and Answer

1:15 p.m.

Age-Related Long-Term Outcomes For Alcohol Septal Ablation in Patients With Hypertrophic Obstructive Cardiomyopathy:

Experience From a Large Integrated Healthcare System

John Kim, Somjot Singh Brar, Ngoc Ho, Jennifer Nguyen, Kyle

Greene, Prakash Mansukhani, Vicken Aharonian, Kaiser

Permanente Los Angeles Medical Center, Los Angeles, CA, USA,

Kaiser Permanente, Department of Research and Evaluations,

Pasadena, CA, USA

1:25 p.m.

Question and Answer

1:30 p.m.

Massive LV Hypertrophy in Hypertrophic Cardiomyopathy Is a High-Risk Subgroup, But Is Associated With Favorable Outcome With Contemporary Treatments

Ethan Rowin, Mikhail Romashko, Barry J. Maron, Hassan Rastegar, Martin Maron, Tufts Medical Center, Boston, MA, USA

1:40 p.m.

Question and Answer

Heart Failure and Cardiomyopathies - Poster Contributions

Session #1237

New Pharmacology and Concepts For Heart Failure Care

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

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

047 - Elamipretide Restores Protein and mRNA Expression Levels of Cardiolipin Synthase-1 in Left Ventricular Myocardium of Dogs With Chronic Heart Failure

Ramesh C. Gupta, Vinita Singh-Gupta, Kefei Zhang, Jiang Xu, Hani N. Sabbah, Henry Ford Hospital, Detroit, MI, USA

048 - Long-Term Therapy With Elamipretide Normalizes Sirtuin-3 Protein Levels in Isolated Mitochondria of Left Ventricular Myocardium of Dogs With Chronic Heart Failure

Ramesh C. Gupta, Vinita Singh-Gupta, Kristina Castle, Hani N. Sabbah, Henry Ford Hospital, Detroit, MI, USA

049 - High-Dose Beta-Blockers (BB) and Outcomes in Patients With Heart Failure and Preserved Ejection Fraction (HFpEF) and Heart Rate ≥ 70 Beats Per Minute (bpm)

Phillip Hong Lam, Daniel Dooley, Apostolos Tsimploulis, Helen Sheriff, Charles Faselis, Prakash Deedwania, Gregg C. Fonarow, Ali Ahmed, DC VA Medical Center, Washington, DC, USA, Georgetown University/MedStar Washington Hospital Center, Washington, DC, USA

050 - Association Between Coffee Consumption and Risk of Heart Failure: A Systematic Review and Meta-Analysis

Chayakrit Krittanawong, Hafeez Ul Hassan Virk, Ann Farrell, Mario Roberto Rodriguez Rivera, Bing Yue, Xin Wei, Eelin Wilson,



Mariam Khandaker, Ritu Raj Singh, Zhen Wang, Eyal Herzog, Icahn School of Medicine at Mount Sinai, New York, NY, USA, Mount Sinai Heart, New York, NY, USA

051 - Initiation of Loop Diuretic Therapy Is Associated With a Lower Risk of 30-Day All-Cause Readmission in Patients With Heart Failure Not Receiving Diuretics Prior to Hospitalization
Syed Z. Qamer, Harish Jarrett, Phillip Lam, Helen Sheriff, Cherinne Arundel, Fahad K. Lodhi, Prakash Deedwania, Javed Butler, Gregg C. Fonarow, Ali Ahmed, Veterans Affairs Medical Center, Washington, DC, USA, MedStar Georgetown University Hospital/Washington Hospital Center, Washington, DC, USA

052 - Fewer Deaths or Hospitalizations For Heart Failure Using Hydralazine-Isosorbide Mononitrate Compared to Hydralazine-Isosorbide Dinitrate in Patients With Systolic Heart Failure
Bradley Peltzer, Tonusri Nag, Yekaterina Kim, Allen Weiss, Salil Kumar, Eric Shulman, J. Julia Shin, Snehal Patel, Omar Saeed, Ulrich Jorde, Daniel Sims, Montefiore Medical Center/Albert Einstein College of Medicine, New York, NY, USA

053 - Effect of Combined Beta-Blocker and Beta-Agonist Use on Clinical Outcomes Among Medicaid Beneficiaries With Coexisting Heart Failure and Asthma
Demilade Adedinsowo, Junjun Xu, Oluwatosin Omole, Akintunde Akinjero, Obiora Egbuche, Nicolas Bakinde, Adesoji Oderinde, Anekwe Onwuanyi, Herman Taylor, Mohamad Yamani, Mayo Clinic, Jacksonville, FL, USA, Morehouse School of Medicine, Atlanta, GA, USA

054 - Interleukin-1 Blockade Reduces NT-proBNP Serum Levels in Patients With Stable Heart Failure With Preserved Ejection Fraction
Cory Trankle, Justin Canada, Salvatore Carbone, Leo Buckley, Marco Giuseppe Del Buono, Sanah Christopher, Dinesh Kadariya, Chau Vo, Nayef Abouzaki, Ross Arena, Benjamin Van Tassell, Antonio Abbate, Virginia Commonwealth University, Richmond, VA, USA

055 - Direct Comparison of Ultrafiltration to Pharmacological Decongestion in Heart Failure: A Per-Protocol Analysis of CARRESS-HF
Spencer Carter, Bradley Bart, Steven Goldsmith, Mark Drazner, Wai Hong Tang, Justin Grodin, University of Texas Southwestern, Dallas, TX, USA, Cleveland Clinic, Cleveland, OH, USA

056 - Outpatient Prescription of Drugs That May Cause or Exacerbate Heart Failure in Patients With a Diagnosis of Systolic Heart Failure
Paulino Alvarez, Chau Truong, Cecilia Ganduglia Cazaban, University of Iowa, Iowa City, IA, USA, University of Texas, Houston, TX, USA

057 - Interleukin-1 Blockade Improves Left Ventricular Performance in Decompensated Heart Failure Without Increasing Myocardial Work
Leo F. Buckley, Salvatore Carbone, Cory Trankle, Justin Canada, Michele M. Viscusi, Jessica Regan, Dinesh Kadariya, Hayley Billingsley, Ross Arena, Antonio Abbate, Benjamin Van Tassell,

Virginia Commonwealth University, Richmond, VA, USA, University of Illinois at Chicago, Chicago, IL, USA

058 - Natriuretic Peptides as Predictive Biomarkers of Treatment Response in Clinical Trials of Heart Failure
Muthiah Vaduganathan, Brian Claggett, Milton Packer, John J. V. McMurray, Jean Rouleau, Michael Zile, Karl Swedberg, Scott Solomon, Brigham and Women's Hospital Heart & Vascular Center and Harvard Medical School, Boston, MA, USA

Heart Failure and Cardiomyopathies - Poster Contributions
Session #1238
Cardiomyopathies: Assessment and Outcomes
Sunday, March 11, 2018, 1:30 p.m. - 4:30 p.m.
Poster Hall, Hall A/B
CME Hours: /CNE Hours:

059 - Sudden Death in Heart Failure With Preserved Ejection Fraction: A Competing Risks Analysis From the TOPCAT Trial
Muthiah Vaduganathan, Brian Claggett, Inderjit Anand, Nancy Sweitzer, James Fang, Eileen O'Meara, Sanjiv Jayendra Shah, Sheila Hegde, Akshay Desai, Eldrin Lewis, Jean Rouleau, Bertram Pitt, Marc A. Pfeffer, Scott Solomon, Brigham and Women's Hospital Heart & Vascular Center and Harvard Medical School, Boston, MA, USA

060 - National Trends in the Epidemiology of Hospital Admissions For Acute Myocarditis: Insights From the UK National Health Service
Amrit Lota, Sadia Fazal, Rebecca Wassall, Pavithra Puvanasingam, Rameen Shakur, Brian Halliday, Upasana Tayal, James Ware, John Cleland, Piers Daubeney, Dudley Pennell, Nick Banner, Saidi Mohiddin, Stuart Cook, Sanjay Prasad, National Heart & Lung Institute, Imperial College London, London, United Kingdom, Cardiovascular Research Centre, Royal Brompton Hospital, London, United Kingdom

061 - Takotsubo Syndrome Classified: Triggers Determine Outcome: Results From the Intertak Registry
Annahita Sarcon, Christian Templin, Jelena Ghadri, Victoria Cammann, Katharina Ding, Ken Kato, InterTak Investigators, Sebastiano Gili, University of Southern California, Los Angeles, CA, USA, University Hospital Zurich, Zurich, Switzerland

062 - Comprehensive Structural and Functional Assessment For Prediction of Left Ventricular Reverse Remodeling in Non-Ischemic Cardiomyopathy
Marco Merlo, Marco Masè, Giancarlo Vitrella, Manuel Belgrano, Giorgio Faganello, Marco Gobbo, Marta Gigli, Alessandro Altinier, Pierluigi Lesizza, Giulia Barbati, Federica Ramani, Antonio De Luca, Gaetano Morea, Maria Assunta Cova, Davide Stolfo, Gianfranco Sinagra, Azienda Sanitaria-Universitaria Integrata of Trieste (ASUITS), Trieste, Italy

063 - The Role of Matrix Metalloproteinases and Tissue Inhibitors of Metalloproteinases in Duchenne Muscular Dystrophy Cardiomyopathy
Jonathan Soslow, Meng Xu, James C. Slaughter, Kimberly Crum, W. Bryan Burnette, Yan Ru Su, Kelsey Tomasek, David Parra, Larry



Markham, Vanderbilt University Medical Center, Nashville, TN, USA

064 - Percent African Genomic Ancestry and LVEF at Presentation in Peripartum Cardiomyopathy

Dennis M. McNamara, Karen Hanley-Yanez, Indrani Halder, for the IPAC and IMAC Investigators, University of Pittsburgh, Pittsburgh, PA, USA

065 - Percent African Genomic Ancestry and Transplant-Free Survival in African Americans With Recent Onset Non-Ischemic Cardiomyopathy

Dennis M. McNamara, Karen Hanley-Yanez, Jeffrey Alexis, Richard Sheppard, Daniel Pauly, Indrani Halder, University of Pittsburgh, Pittsburgh, PA, USA

066 - Role of Late Gadolinium Enhancement in the Evaluation of Patients With Cardiac Sarcoidosis: A Meta-Analysis

Kris Kumar, Arun Kannan, Srinivasa Madhavan, Gurusaravanan Kutti Sridharan, Rajesh Janardhanan, University of Arizona, Tucson, AZ, USA

067 - Obstructive Sleep Apnea Is Associated With Acute Diastolic Heart Failure in a National Inpatient Sample

Abdullah Sayied Abdullah, George Eigbire, Amr Salama, Abdul Wahab, Richard Alweis, Unity Hospital - Rochester Regional Health, Rochester, NY, USA, Rochester Regional Health, Rochester, NY, USA

068 - Ritonavir-Based Anti-Retroviral Therapy Is Associated With a Lower Ejection Fraction and an Increased Risk For Decompensated Heart Failure and Cardiovascular Mortality Among Persons Living With HIV

Raza M. Alvi, Anne M. Neilan, Noor Tariq, Magid Awadalla, Dahlia Banerji, Adam Rokicki, Virginia Triant, Markella V. Zanni, Tomas G. Neilan, Massachusetts General Hospital and Harvard Medical School, Boston, MA, USA

069 - Impact of Obstructive Sleep Apnea in Patients Hospitalized For Heart Failure With Preserved Ejection Fraction: A Nationwide Analysis

Bing Yue, Chayakrit Krittanawong, Xin Wei, Abel Casso Dominguez, Shuyang Fang, Mariam Khandaker, Mike Gorenchtein, Eyal Herzog, Mount Sinai St. Luke's Hospital, New York, NY, USA, Mount Sinai West Hospital, New York, NY, USA

070 - Surgical Management of Nonobstructive Hypertrophic Cardiomyopathy: Clinical Outcome of Myectomy in 94 Patients With Apical HCM

Anita Nguyen, Hartzell Schaff, Rick A. Nishimura, Jeffrey Geske, Joseph Dearani, Steve Ommen, Mayo Clinic, Rochester, MN, USA

071 - Clinical Outcomes of β -Blocker Therapy in Cocaine-Associated Heart Failure

Persio Lopez, Adedoyin Akinlonu, Tuoyo Mene-Afejuku, Carissa Dumancas, Mohammed Saeed, Eder Hans Cativo Calderon, Ferdinand Visco, Savi Mushiyevev, Gerald Pekler, New York Medical College and Metropolitan Hospital Center, New York, NY, USA

072 - Strain Imaging in Light-Chain Amyloidosis With Heart Failure and Preserved Ejection Fraction

Sergio Barros-Gomes, Fletcher Miller, Patricia Pellikka, Angela Dispenzieri, Hector Villarraga, Mayo Clinic, Rochester, MN, USA

073 - Impact of Diabetes on Myocardial Recovery in Women With Peripartum Cardiomyopathy

Neethu Abraham, Esa Davis, Karen Hanley-Yanez, Uri Elkayam, James Fett, Dennis McNamara, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

074 - High Waist Circumference Is Associated With Mortality in Men With Prevalent Heart Failure: The Physicians' Health Study

Saadia Qazi, Lu Zhang, Jiaying Chen, Senthil Selvaraj, Michael Chuang, Christopher O'Donnell, J. Michael Gaziano, Luc Djousse, Brigham and Women's Hospital, Boston, MA, USA

075 - Amyloidosis Research Consortium Cardiac Amyloidosis Survey: Results From Patients With AL and ATTR Amyloidosis and Their Caregivers

Isabelle Lousada, Mathew Maurer, Melissa Warner, Spencer Guthrie, Kristen Hsu, Martha Grogan, Amyloidosis Research Consortium, Newton, MA, USA

076 - The Relationship Between Septal Morphologies and Cardiac Fibrosis in Hypertrophic Cardiomyopathy

Keitaro Akita, Ryoma Fukuoka, Hikaru Tsuruta, Shinsuke Yuasa, Mitsushige Murata, Shigeo Okuda, Masahiro Jinzaki, Keiichi Fukuda, Yuichiro Maekawa, Hamamatsu University School of Medicine, Hamamatsu, Japan, Keio University School of Medicine, Tokyo, Japan

077 - Obstructive Hypertrophic Cardiomyopathy With Mild Phenotype: A Novel Subgroup of Patients Amenable to Surgical Myectomy

Ethan Rowin, Barry J. Maron, Aalap Chokshi, Muhil Kannappan, Knarik Arkun, Hassan Rastegar, Martin Maron, Tufts Medical Center, Boston, MA, USA

078 - Utility and Safety of Cardiopulmonary Exercise Testing in Hypertrophic Cardiomyopathy Patients

June Tome, Jennifer Bragg-Gresham, Sharlene Day, Sara Saberi, University of Michigan School of Medicine, Ann Arbor, MI, USA

079 - Contemporary Outcomes of Pediatric Restrictive Cardiomyopathy With Aggressive Medical Therapy

Samuel George Wittekind, Thomas Ryan, Zhiqian Gao, Farhan Zafar, Clifford W. Chin, Tricia A. Hengehold, John Jefferies, Cincinnati Children's, Cincinnati, OH, USA

080 - A Reappraisal of the Epidemiology of Dilated and Hypertrophic Cardiomyopathy in Olmsted County, Minnesota

Akil Sherif, Anwar Chahal, Praise Anene, Keerthi Jaliparthi, Christopher Scott, Alanna Chamberlain, Virend Somers, Bernard Gersh, Peter A. Brady, Mayo Clinic, Rochester, MN, USA

081 - Blinded Late Gadolinium Enhancement Quantification of Age Matched Adolescent and Young Adult Becker and Duchenne Muscular Dystrophy Cardiomyopathy

Pace Johnston, Linda Cripe, Kan Hor, Nationwide Children's Hospital, Columbus, OH, USA



082 - Reversing LMNA Mutation Phenotype in Cardiomyocytes With Olmesartan: Connecting Monogenic Disease to Drugs Via Transcriptional Signatures

Eric Kort, Nazish Sayed, Joseph Wu, Stefan Jovinge, DeVos Cardiovascular Research Program, Spectrum Health and Van Andel Institute, Grand Rapids, MI, USA, Cardiovascular Institute, Stanford University, Stanford, MI, USA

083 - Self-Reported Functional Capacity by DASI and KCCQ Are Poorly Associated With Objective Measures on Cardiometabolic Stress Testing in Patients With Hypertrophic Cardiomyopathy

Albree Tower-Rader, Brian Griffin, Milind Desai, Harry Lever, Maran Thamilarasan, Zoran Popovic, L. Leonardo Rodriguez, Richard Grimm, Rory Hachamovitch, Cleveland Clinic Foundation, Cleveland, OH, USA

084 - Automated Identification of Sudden Death Risk Phenotypes From Electronic Health Records of Patients With Hypertrophic Cardiomyopathy

Sungrim Moon, Sujith Samudrala, Sijia Liu, Jane L. Shellum, Steve Ommen, Rick A. Nishimura, Hongfang Liu, Adelaide Arruda-Olson, Mayo Clinic, Rochester, MN, USA

085 - Recurrent Takotsubo Syndrome: Frequency, Patient Profile, and Outcomes

Dawn R. Witt, Darlington Nwaudo, Ross Garberich, Barry J. Maron, Scott Sharkey, Minneapolis Heart Institute Foundation at Abbott Northwestern Hospital, Minneapolis, MN, USA

086 - Different Contribution of Sarcomere and Mitochondria Related Gene Mutations to Hypertrophic Cardiomyopathy

Hyemooon Chung, Jong-Youn Kim, Pil-Ki Min, Young Won Yoon, Byoung Kwon Lee, Bum-Kee Hong, Se-Joong Rim, Hyuck Moon Kwon, Eui-Young Choi, Gangnam Severance Hospital, Yonsei University College of Medicine, Seoul, South Korea, Kyung Hee University Hospital, Seoul, South Korea

087 - The Impact of Brain Atrophy in the Young Patient With Severe Heart Failure

Haruki Sekiguchi, Takanori Kawamoto, Atsushi Suzuki, Tsuyoshi Shiga, Nobuhisa Hagiwara, Institute of Cardiology, Tokyo Women's Medical University, Tokyo, Japan, National Hospital Organization, Yokohama Medical Center, Yokohama, Japan

088 - Increased Clinical and Financial Burden of Heart Failure Hospitalizations in Patients With Rheumatoid Arthritis: Insights From the National Inpatient Sample

Aditya A. Joshi, Joseph Lerman, Tsion Abera, Amit Dey, Tarun Sharma, Mario Castagnaro, Maria Patarroyo, Srinivas Murali, Raymond Benza, Amresh Raina, Allegheny General Hospital, Pittsburgh, PA, USA

089 - The Effect of Influenza Vaccination on Mortality and Hospitalization in Patients With Heart Failure: A Meta-Analysis

Hidekatsu Fukuta, Nobuyuki Ohte, Nagoya City University Graduate School of Medical Sciences, Nagoya, Japan

090 - Outcomes of Hypertrophic Cardiomyopathy in a Multi Ethnic Society

Alex Weixian Tan, Shaw Yang Chia, Keng Keat Gilbert Soh, Yiliang Zheng, Hak Chiaw Tang, National Heart Centre Singapore, Singapore, Singapore

091 - Racial Differences in Clinical Course and Outcome of Patients With Hypertrophic Cardiomyopathy

Sophie B. Wells, Ethan Rowin, Viraj Bhatt, Martin Maron, Barry J. Maron, Hypertrophic Cardiomyopathy Institute, Tufts Medical Center, Boston, MA, USA, Chanin T. Mast Hypertrophic Cardiomyopathy Center, Morristown Medical Center, Morristown, NJ, USA

092 - Prevalence of Acute Venous Thromboembolism in Patients Admitted With Heart Failure in the United States: Analysis From National Inpatient Sample 2004-2013

Sijan Basnet, Rashmi Dhital, Dilli R. Poudel, Anthony Donato, Reading Health System, West Reading, PA, USA

093 - Compensatory Mechanisms Maintaining Cardiac Function in HCM Subjects: Relationship Between Semi Quantitative

Myocardial Fibrosis Volume on CMR and Left Ventricular Ejection Fraction, Strain, Wall Thickening and Size on TTE

Nobusada Funabashi, Koya Ozawa, Hiroyuki Takaoka, Gentaro Koyama, Yoshio Kobayashi, Department of Cardiology, Chiba University, Chiba, Japan

094 - HIV Infection Is Associated With Increased Left Ventricular Mass in the Multicenter AIDS Cohort Study (MACS)

Elizabeth Hutchins, Ruibin Wang, Sina Rahmani, Rine Nakanishi, Mallory Witt, Lawrence Kingsley, Sabina Haberlen, Lisa Jacobson, Frank Palella, Matthew Budoff, Wendy Post, Los Angeles Biomedical Institute, Torrance, CA, USA, Johns Hopkins University School of Medicine, Baltimore, MD, USA

095 - Obesity Does Not Prolong Length of Stay in Heart Failure Admissions: A Co-Morbidity Matched Analyses From a United States National Database

Olatunde Oladipupo Ola, Odunayo Olorunfemi, Oladimeji Akinboro, Amole Ojo, Rebecca Ojo, Gbolahan Ogunbayo, Mayo Clinic Health System, LaCrosse, WI, USA

096 - The Relationship Between Left Atrial Measurements and Cavity Pressure: A Systematic Review and Meta-Analysis

Ibadete Bytyci, Gani Bajraktari, Pranvera Ibrahim, Per Lindqvist, Michael Henein, Clinic of Cardiology, Prishtina, Albania, Umea University, Umea, Sweden

097 - Left Atrial Dynamics During Exercise in Heart Failure With Reduced, Mid-Range, and Preserved Ejection Fraction: Insights From Exercise Echocardiography Combined With Gas Exchange Analysis

Tadafumi Sugimoto, Francesco Bandera, Greta Generati, Eleonora Alfonzetti, Marco Guazzi, IRCCS Policlinico San Donato, Milano, Italy

098 - Atrial Remodeling Impairs Cardiac Reserve in Patients With HFpEF and Atrial Fibrillation by Increasing Pericardial Restraint

Yogesh N. V. Reddy, Masaru Obokata, Barry Borlaug, Mayo Clinic, Rochester, MN, USA



099 - The Impact of Left Atrial Function and Sinus Rhythm on Exercise Hemodynamics in Heart Failure With Preserved Ejection Fraction

Yogesh N. V. Reddy, Masaru Obokata, Barry Borlaug, Mayo Clinic, Rochester, MN, USA

100 - Resting Echocardiographic Diastolic Measures Fail to Predict Occult Diastolic Dysfunction After Right Heart Catheterization With Fluid Challenge

Vineet Agrawal, Ivan Robbins, Tufik Assad, John M. Newman, Meredith Pugh, Anna Hemnes, Evan Brittain, Vanderbilt University Medical Center, Nashville, TN, USA

101 - Mechanisms of Left Ventricular Thrombus Formation in Heart Failure With Reduced Ejection Fraction: Novel Insights From 2D Speckle-Tracking Echocardiography

Dhruv Chawla, Laura Johnson, Tadele Mengesha, Vinay Thohan, Aurora Cardiovascular Services, Aurora Sinai and Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

102 - Development of Right Ventricular Dysfunction Is Common and Associated With Increased Mortality in HFpEF

Masaru Obokata, Yogesh Reddy, Barry Borlaug, Mayo Clinic, Rochester, MN, USA

103 - Smoking and Outcomes in Older Patients With Heart Failure and Preserved Ejection Fraction (HFpEF)

Amiya Ahmed, Evangelos I. Kanonidis, Markus Anker, Apostolos Tsimploulis, Phillip H. Lam, Helen Sheriff, Prakash Deedwania, Wilbert Aronow, Gregg C. Fonarow, Ali Ahmed, Washington DC VA Medical Center, Washington, DC, USA, University of Maryland School of Medicine, Baltimore, MD, USA

104 - Associations of Systolic Blood Pressure (SBP) <120 (Versus 120-139) mmHg With Outcomes in Patients With Heart Failure and Preserved Ejection Fraction (HFpEF) Without Hypertension (HTN)

Poonam Bhyan, Phillip Lam, Apostolos Tsimploulis, Helen Sheriff, Charles Faselis, Prakash Deedwania, Wilbert Aronow, Gregg C. Fonarow, Ali Ahmed, Washington DC VA Medical Center, Washington, DC, USA

105 - Use of Drugs With Blood Pressure (BP) Lowering Properties and Outcomes in Patients With Heart Failure and Preserved Ejection Fraction (HFpEF) and Low Systolic BP (SBP)

Apostolos Tsimploulis, Phillip Lam, Amiya Ahmed, Helen Sheriff, Charles Faselis, Charity Morgan, Gregg C. Fonarow, Ali Ahmed, Veterans Affairs Medical Center, Washington, DC, USA, Georgetown University Hospital/Washington Hospital Center, Washington, DC, USA

106 - Prior Heart Failure (HF) Hospitalization and 30-Day and 1-Year Outcomes in Patients With HF and Preserved Ejection Fraction (HFpEF)

Lakshmi Suma Tummala, Fahad Lodhi, Helen Sheriff, Cherinne Arundel, Phillip Lam, Steven Singh, Charles Faselis, Prakash Deedwania, Gregg C. Fonarow, Ali Ahmed, DC VA Medical Center, Washington, DC, USA

107 - Prediction of Cardiac Mechanical Relaxation Abnormalities From Surface ECG Wavelets: Replication in Two Cohorts

Marlon Tokodi, Hemant Kulkarni, Lan Hu, Ali Hama Amin, Muhammad Ashraf, Grace Casaciang-Verzosa, Partho P. Sengupta, WVU Heart & Vascular Institute, Morgantown, WV, USA

108 - Persistence of Periodic Breathing/Cheyne-Stokes Respiration After Tilt Table Test During Short Term Respiratory Monitoring in Patients With Systolic Heart Failure

Chiara Borrelli, Francesco Gentile, Federico Rossari, Paolo Sciarrone, Claudio Passino, Gianluca Mirizzi, Francesca Bramanti, Giovanni Iudice, Michele Emdin, Alberto Giannoni, Sant'Anna School of Advanced Studies, Pisa, Italy, Fondazione Toscana Gabriele Monasterio, Pisa, Italy

109 - Right Ventricular Functional and Structural Changes Mirror Those of the Left Ventricle in Heart Failure With Preserved Ejection Fraction

Karl-Philipp Rommel, Christian Besler, Maximilian Von Roeder, Stephan Blazek, Karl Fengler, Karin Klingel, Holger Thiele, Volker Adams, Philipp Lurz, University Heart Center Leipzig, Leipzig, Germany

110 - Days Alive and Outside of Hospital Is Greater Among Patients With Transthyretin Cardiac Amyloidosis Compared to Light Chain Cardiac Amyloidosis After Initial Hospitalization

Jonah Rubin, Sergio Teruya, Stephen Helmke, Julissa Alvarez, Mathew Maurer, Columbia University Medical Center, New York, NY, USA

Heart Failure and Cardiomyopathies - Hands-on Skills Learning

Session #1532

Hands-On Simulation Skills Training: Immersive Simulation Station . . . Guideline-directed Heart Failure Care Utilizing Full-body Manikin

Sunday, March 11, 2018, 2:00 p.m. - 3:00 p.m.

Personalized Skills and Simulation Center: Lounge & Learn, Hall C

CME Hours: /CNE Hours:

2:00 p.m.

Faculty: Immersive Simulation Station
Hampton Crimm
Bethesda, MD

Heart Failure and Cardiomyopathies - Hands-on Skills Learning

Session #1533

Hands-On Simulation Skills Training: Procedural Skill Station . . . Including Echocardiography and Right Heart Catheterization

Sunday, March 11, 2018, 2:00 p.m. - 3:00 p.m.

Personalized Skills and Simulation Center: Lounge & Learn, Hall C

CME Hours: /CNE Hours:

2:00 a.m.

Faculty: Procedural Skill Station
Laura Davidson
Chicago, IL



Heart Failure and Cardiomyopathies - Hands-on Skills Learning

Session #1534

Hands-On Simulation Skills Training: Shared Decision-making Simulation Station . . . Improve Your Patient Communication Techniques

Sunday, March 11, 2018, 2:00 p.m. - 3:00 p.m.

Personalized Skills and Simulation Center: Lounge & Learn, Hall C

CME Hours: /CNE Hours:

2:00 p.m.

Faculty: Shared Decision-making Simulation Station

Sohah Iqbal

New York, NY

Heart Failure and Cardiomyopathies - Scientific

Session #694

Putting Key Guideline Recommendations Into Day-to-Day Practice: A Case Based Approach From the Masters

Sunday, March 11, 2018, 2:00 p.m. - 3:30 p.m.

Room 315 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Biykem Bozkurt

Co-Chair: Mariell Jessup

Panelist: Margaret T. Bowers

Panelist: Lynne Warner Stevenson

2:00 p.m.

Case Presentation: Heart Failure and Preserved Ejection Fraction

Akshay S. Desai

Boston, MA

2:15 p.m.

Case Presentation: Management of Hypertension

Shweta R. Motiwala

Waban, MA

2:30 p.m.

Case Presentation: Utilization of Biomarkers

James L. Januzzi

Wellesley, MA

2:45 p.m.

Case Presentation: Treatment of Anemia

William Abraham

Columbus, OH

3:00 p.m.

Case Presentation: Managing Sleep Disorders

Ali Javaheri

Philadelphia, PA

3:15 p.m.

Panel Discussion

Heart Failure and Cardiomyopathies - Scientific Session #695

Revisiting Hemodynamics and Monitoring Devices

Sunday, March 11, 2018, 2:00 p.m. - 3:30 p.m.

Room 312 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Donna M. Mancini

Co-Chair: James O. Mudd

2:00 p.m.

Invasive Hemodynamics Revisited: When and for Whom

Mark H. Drazner

Dallas, TX

2:12 p.m.

Exercise Hemodynamics: Deciphering the DaVinci Code?

Barry Borlaug

Rochester, MN

2:24 p.m.

RV Dysfunction Post LVAD: Hemodynamic Predictors

Michael S. Kiernan

Wellesley, MA

2:36 p.m.

Outpatient Hemodynamic Monitoring

Celeste T. Williams

West Bloomfield, MI

2:48 p.m.

Should We Be Using Pulmonary Artery Sensors in Our LVAD Patients?

Lee R. Goldberg

Philadelphia, PA

3:00 p.m.

Case Discussion and Question and Answer

3:16 p.m.

Challenging Hemodynamic Cases

Edo Y. Birati

Wynnewood, PA

3:23 p.m.

Challenging Cases in Outpatient Monitoring and Use of

CardioMems

Cher Hagaman

Huntington Beach, CA

Heart Failure and Cardiomyopathies - Moderated Poster Contributions

Session #1266M

New Drug Therapies For Heart Failure

Sunday, March 11, 2018, 3:45 p.m. - 4:30 p.m.

Heart Failure and Cardiomyopathies Moderated Poster Theater, Poster Hall, Hall A/B

CME Hours: /CNE Hours:

ACC Poster Moderator: Michael M. Givertz

ACC Poster Moderator: Randall C. Starling

3:45 p.m.



PBI-4050, a Novel First-in-Class Agent, Reduces Pulmonary Hypertension, Lung Remodeling and Right Ventricular Dysfunction in Heart Failure

Jocelyn Dupuis, Quang T. Nguyen, Martin G. Sirois, Angelino Calderone, Jean-Claude Tardif, YanFen Shi, Alexandre Laverdure, Brigitte Grouix, Lyne Gagnon, Montreal Heart Institute, Montreal, Canada, ProMetric Life Sciences, Laval, Canada

3:55 p.m.

Question and Answer

4:00 p.m.

Sustained Improvement of Left Ventricular Ejection Fraction With Intravenous Cimaglermin in Patients With Symptomatic Systolic Dysfunction

Daniel J. Lenihan, Michael Koren, Andrew Eisen, Anthony Caggiano, Washington University in St. Louis, St. Louis, MO, USA, Acorda Therapeutics, Ardsley, NY, USA

4:10 p.m.

Question and Answer

4:15 p.m.

A Phase III, Randomized, Double-Blind, Multicenter, Placebo-Controlled Study of the Efficacy and Safety of Neucardin™ in Patients With Chronic Heart Failure

Runlin Gao, Jian Zhang, Heping Liu, Lina Wang, Xiaohua Pang, Lu Fu, Fanbo Meng, Mingdong Zhou, Fuwai Hospital Heart Failure Center, Beijing, People's Republic of China, Zensun Science and Technology Co. Ltd., Shanghai, People's Republic of China

4:25 p.m.

Question and Answer

Heart Failure and Cardiomyopathies - Hands-on Skills Learning

Session #1536

Hands-On Simulation Skills Training: Immersive Simulation Station . . . Guideline-directed Heart Failure Care Utilizing Full-body Manikin

Sunday, March 11, 2018, 4:45 p.m. - 5:45 p.m. Personalized Skills and Simulation Center: Lounge & Learn, Hall C

CME Hours: /CNE Hours:

4:45 p.m.

Faculty: Immersive Simulation Station

Michael T. Spooner

Norfolk, VA

Heart Failure and Cardiomyopathies - Hands-on Skills Learning

Session #1537

Hands-On Simulation Skills Training: Procedural Skill Station . . . Including Echocardiography and Right Heart Catheterization

Sunday, March 11, 2018, 4:45 p.m. - 5:45 p.m. Personalized Skills and Simulation Center: Lounge & Learn, Hall C

CME Hours: /CNE Hours:

4:45 p.m.

Faculty: Procedural Skill Station

Raja Kannan Mutharasan

Oak Park, IL

Heart Failure and Cardiomyopathies - Hands-on Skills Learning

Session #1538

Hands-On Simulation Skills Training: Shared Decision-making Simulation Station . . . Improve Your Patient Communication Techniques

Sunday, March 11, 2018, 4:45 p.m. - 5:45 p.m. Personalized Skills and Simulation Center: Lounge & Learn, Hall C

CME Hours: /CNE Hours:

4:45 p.m.

Faculty: Shared Decision-making Simulation Station

Erica Sarah Spatz

New Haven, CT

Heart Failure and Cardiomyopathies - International Session #522

The Future of Coronary Disease Management: International Perspectives from the ACC Italy Chapter, Portuguese Society of Cardiology, and American College of Cardiology

Sunday, March 11, 2018, 4:45 p.m. - 6:00 p.m. Room 304 E

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Brian O'Murchu

Co-Chair: Michele Gulizia

Co-Chair: Miguel F. Mendes

4:45 p.m.

Introduction to Session

Brian O'Murchu

Philadelphia, PA

4:50 p.m.

Stable Coronary Disease: State of the Art

Pasquale Perrone Filardi

Naples, Italy

5:02 p.m.

Update on Secondary Prevention Post-myocardial Infarction

Miguel F. Mendes

Lisbon, Portugal

5:14 p.m.

How Have Guidelines Changed our Clinical Medical Practice?

Andrea Di Lenarda

Trieste, Italy

5:26 p.m.

European Perspective on Mechanical Circulatory Support Use for STEMI

Joao Morais

Leiria, Portugal

5:38 p.m.

Discussion



Heart Failure and Cardiomyopathies - Scientific

Session #709

Regenerative Therapy in Cardiovascular Disease: Joint Symposium of the American Heart Association and the American College of Cardiology

Sunday, March 11, 2018, 4:45 p.m. - 6:00 p.m.

Room 315 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Mark A. Creager

Co-Chair: Mary N. Walsh

Panelist: Ivor J. Benjamin

Panelist: Paul Burridge

Panelist: Joshua M. Hare

Panelist: Joseph A. Hill

Panelist: Steven Houser

4:45 p.m.

How Do Cortical Bone Stem Cells Repair the Infarcted Heart?

Steven Houser

Philadelphia, PA

4:57 p.m.

Exosomes in Cardiac Physiology and Repair

Ivor J. Benjamin

Milwaukee, WI

5:09 p.m.

The Most Promising Clinical Trials in Cell Based Therapy

Joshua M. Hare

Miami, FL

5:21 p.m.

Human iPSC for Disease Modeling and Therapy

Paul Burridge

Chicago, IL

5:33 p.m.

Cardiac Regeneration: Hype or Hope?

Joseph A. Hill

Dallas, TX

5:45 p.m.

Panel Discussion - Are Regenerative Therapies Ready For Prime Time?

Heart Failure and Cardiomyopathies - Scientific

Session #710

Cardiac Rehabilitation in Heart Failure: Why, What, Who and How?

Sunday, March 11, 2018, 4:45 p.m. - 6:00 p.m.

Room 312 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Daniel E. Forman

Co-Chair: Dalane W. Kitzman

Panelist: Mark Haykowsky

Panelist: Ileana L. Pina

4:45 p.m.

Case Presentation: Implementation of Cardiac Rehabilitation in a Patient With Heart Failure

Eileen M. Handberg

Gainesville, FL

4:53 p.m.

What Is the Evidence and for Which Patient?

Tina P. Shah

Houston, TX

5:05 p.m.

Components of Cardiac Rehabilitation and Modalities of Exercise

David W. Schopfer

Oakland, CA

5:17 p.m.

Overcoming Barriers to Implementation and Access

Grace Lin

Rochester, MN

5:29 p.m.

Can Policy Changes Make a Difference?

Clyde W. Yancy

Chicago, IL

5:41 p.m.

Panel Discussion With Question and Answers

Heart Failure and Cardiomyopathies - Scientific

Session #721

Use of Ejection Fraction in Heart Failure: A Tarnished Gold Standard?

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

Room 315 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: JoAnn Lindenfeld

Co-Chair: John J. V. McMurray

Panelist: Rahul Deo

Panelist: Andreas P. Kalogeropoulos

Panelist: Marvin A. Konstam

Panelist: Douglas L. Mann

Panelist: Amil M. Shah

8:00 a.m.

Why Ejection Fraction Is Overrated: What Else Is There?

Marvin A. Konstam

Boston, MA

8:15 a.m.

Preserved Ejection Fraction Versus Preserved Systolic Function

Amil M. Shah

Boston, MA

8:30 a.m.

The Middle of the Pack: HF With Mid-Range Ejection Fraction

Andreas P. Kalogeropoulos

Stony Brook, NY

8:45 a.m.

Recovered Ejection Fraction: Recovered Myocardium?

Douglas L. Mann

Saint Louis, MO



9:00 a.m.
Phenomapping in Heart Failure: Moving Past Ejection Fraction
Rahul Deo
San Francisco, CA

9:15 a.m.
Panel Discussion

Heart Failure and Cardiomyopathies - Scientific Session #722
Heart Failure in Cancer Survivors: Cured of Cancer but Now Let's Heal the Heart
Monday, March 12, 2018, 8:00 a.m. - 9:30 a.m.
Room 312 A
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Alan T. Kono
Co-Chair: Daniel J. Lenihan
Panelist: Joseph R. Carver
Panelist: Richard M. Steingart
Panelist: Paaladinesh Thavendiranathan

8:00 a.m.
Predicting CV Risk and Disease in Cancer Survivors
Saro Armenian
Duarte, CA

8:13 a.m.
HFrEF, HFmEF, or HFpEF: Which One and Why in Cancer Survivors?
Jenica Upshaw
Boston, MA

8:26 a.m.
What Is the Role of Strain Imaging in Detecting Early Cardiovascular Disease in Survivors?
Thomas H. Marwick
Melbourne VIC, Australia

8:39 a.m.
What Is the Role of CV Biomarkers Prior to, During and After Therapy?
Anju Nohria
Boston, MA

8:52 a.m.
Advanced Heart Failure in Cancer Survivors With Cardiomyopathy: What Are the Options?
Guilherme Henrique Oliveira
Cleveland, OH

9:05 a.m.
Challenging Cases in Cardio-Oncology
Alan T. Kono
Lebanon, NH

9:10 a.m.
Challenging Cases in Cardio-Oncology
Daniel J. Lenihan
St Louis, MO

9:15 a.m.

Case-Based Panel Discussion With Questions and Answers

Heart Failure and Cardiomyopathies - Hands-on Skills Learning
Session #1539
Hands-On Simulation Skills Training: Clinical Judgement Challenge Station . . . Body Interact Simulation Platform
Monday, March 12, 2018, 8:30 a.m. - 9:30 a.m.
Personalized Skills and Simulation Center: Lounge & Learn, Hall C
CME Hours: /CNE Hours:

8:30 a.m.
Hands-On Simulation Skills Training: Clinical Judgement Challenge Station . . . Body Interact Simulation Platform

Heart Failure and Cardiomyopathies - Hands-on Skills Learning
Session #1540
Hands-On Simulation Skills Training: Immersive Simulation Station . . . Guideline-directed Heart Failure Care Utilizing Full-body Manikin
Monday, March 12, 2018, 8:30 a.m. - 9:30 a.m.
Personalized Skills and Simulation Center: Lounge & Learn, Hall C
CME Hours: /CNE Hours:

8:30 a.m.
Faculty: Immersive Simulation Station
Michael T. Spooner
Norfolk, VA

Heart Failure and Cardiomyopathies - Hands-on Skills Learning
Session #1541
Hands-On Simulation Skills Training: Procedural Skill Station . . . Including Echocardiography and Right Heart Catheterization
Monday, March 12, 2018, 8:30 a.m. - 9:30 a.m.
Personalized Skills and Simulation Center: Lounge & Learn, Hall C
CME Hours: /CNE Hours:

8:30 a.m.
Faculty: Procedural Skill Station
Nilay S. Shah
Chicago, IL

Heart Failure and Cardiomyopathies - Hands-on Skills Learning
Session #1542
Hands-On Simulation Skills Training: Shared Decision-making Simulation Station . . . Improve Your Patient Communication Techniques
Monday, March 12, 2018, 8:30 a.m. - 9:30 a.m.
Personalized Skills and Simulation Center: Lounge & Learn, Hall C
CME Hours: /CNE Hours:

8:30 a.m.
Faculty: Shared Decision-making Simulation Station
Jerold L. Saef
Grand Junction, CO

**Heart Failure and Cardiomyopathies - Poster Contributions****Session #1277****Novel Regulators of Cardiac Contractility and Growth****Monday, March 12, 2018, 9:30 a.m. - 12:30 p.m.****Poster Hall, Hall A/B****CME Hours: /CNE Hours:**

047 - Absence of Large Conductance Calcium and Voltage Activated Potassium Channel Causes Cardiac Dysfunction
Swaiman Singh, Kajol Shah, Aaron Wengrofsky, Shubha G. Rao, Devasena Ponnalagu, Andrew Kohut, Harpreet Singh, Drexel University College of Medicine, Philadelphia, PA, USA

048 - Cardiovascular Signaling Proteins as Predictors of Doxorubicin-Related Cardiac Effects in Children With Acute Lymphoblastic Leukemia
Steven Lipshultz, Traci M. Blonquist, Tracie L. Miller, Donna S. Neuberg, Holly M. Smith, Brent Anderson, Vivian I. Franco, Neha Bansal, Emma R. Lipshultz, Rebecca E. Scully, Lewis B. Silverman, Steven D. Colan, Barbara L. Asselin, Uma Athale, Luis A. Clavell, Caroline Laverdiere, Bruno Michon, Marshall A. Schorin, Stephen E. Sallan, Douglas Sawyer, Wayne State University, Detroit, MI, USA

049 - Angiotensin II Induces Differential Genome-Wide mRNA Expression Profiles Between Right and Left Ventricular Cardiomyocytes
Taro Kariya, Eiki Takimoto, Seitaro Nomura, Issei Komuro, The University of Tokyo, Tokyo, Japan

050 - Impact of Left Atrial Size and Function on Exercise Hemodynamics in Patients With Heart Failure With Mid-Range and Preserved Ejection Fraction
Emma Gard, Shane Nanayakkara, Sanjiv Jayendra Shah, Barry Borlaug, Frank E. Silvestry, Thomas Hanff, Scott L. Hummel, Sheldon Litwin, Mark Petrie, Jan Komtebedde, David Kaye, The Alfred Hospital, Melbourne, Australia

051 - Targeted Delivery of Soluble Fizzled Related Protein 1 Attenuates Transverse Aortic Constriction Induced Hypertrophic Heart Failure
Shuo Pan, Zhongwei Liu, Junkui Wang, Gongchang Guan, Shaanxi Provincial People's Hospital, Xi'an, People's Republic of China

052 - Tuberin Deletion Replicates Exercise-Induced Cardiac Hypertrophy
Giovanni Davogustto, Rebecca Salazar, Hernan Vasquez, Patrick Guthrie, Heinrich Taegtmeyer, Vanderbilt University Medical Center, Nashville, TN, USA, The University of Texas Health Science Center at Houston, Houston, TX, USA

053 - Suppression of SIRP α Signaling Replicates Exercise Induced Remodeling and Prevents Cardiac Dysfunction in Chronic Kidney Disease
Giovanni Davogustto, Jiao Wu, William Mitch, Heinrich Taegtmeyer, Sandhya Thomas, The University of Texas Health Science Center, Houston, TX, USA, Baylor College of Medicine, Houston, TX, USA

054 - Carvedilol Exerts Positive Inotropy in Cardiomyocytes by Uniquely Stimulating Beta-arrestin2-dependent SERCA2a Activity Via the Beta1-Adrenergic Receptor
Anastasios Lymperopoulos, Katie A. McCrink, Jennifer Maning, Ava Brill, Victoria L. Desimine, Shelby L. Wertz, Walter Koch, Nova Southeastern University, Fort Lauderdale, FL, USA

Heart Failure and Cardiomyopathies - Poster Contributions**Session #1278****Optimizing Sleep and Synchronization****Monday, March 12, 2018, 9:30 a.m. - 12:30 p.m.****Poster Hall, Hall A/B****CME Hours: /CNE Hours:**

055 - Prognostic Implications of Global, Left Ventricular Wasted Work Before Cardiac Resynchronization Therapy
Pieter van der Bijl, Nina Ajmone Marsan, Ngoc Mai Vo, Victoria Delgado, Jeroen J. Bax, Leiden University Medical Center, Leiden, The Netherlands

056 - The Impact of QRS Morphology on the Evolution of Global, Left Ventricular Wasted Work in Cardiac Resynchronization Therapy Recipients
Pieter van der Bijl, Ngoc Mai Vo, Nina Marsan, Victoria Delgado, Jeroen J. Bax, Leiden University Medical Center, Leiden, The Netherlands

057 - Modified Frailty as a Novel Factor to Predict the Response For Cardiac Resynchronization in the Elderly Population
Agnieszka Mlynarska, Rafal Mlynarski, Anika Doruchowska-Raczek, Jolanta Biernat, Krzysztof Golba, Medical University of Silesia, Katowice, Poland

058 - Left Bundle Branch Cardiomyopathy: An Old Foe Treated by a New Tool
Rajeev Singh, Joel Simon, Fatima Ezzeddine, Gopi Dandamudi, Krannert Institute of Cardiology, Indianapolis, IN, USA

059 - Simultaneous Measurement of Pulmonary Artery Diastolic Pressure by CardioMEMS Device and Left Atrial Pressure Measurement by Transthoracic Echocardiogram in Heart Failure Population
Sunit Y. Tolia, Zubair Khan, Hassan Kassem, Marcel Zughuib, St. John Providence-Providence Park Hospital, Southfield, MI, USA

060 - Optimization of Acute Response to Cardiac Resynchronization Therapy With a Quadripolar LV Lead: Should We Use the Pressure Derivate dP/dt_{max} or Stroke Work Derived From Pressure-Volume Loops?
Alwin Zweerink, Wouter van Everdingen, Uyen C. Nguyễn, Albert van Rossum, Pieter Doevendans, Kevin Vernooy, Mathias Meine, Cornelis Allaart, VU University Medical Center, Amsterdam, The Netherlands, University Medical Center Utrecht, Utrecht, The Netherlands

062 - Normalization of QRS Duration to Left Ventricular Dimension Improves Patient Selection For Cardiac Resynchronization Therapy
Alwin Zweerink, Daniel Friedman, Igor Klem, Caitlin Vink, Paul Biesbroek, Steen M. Hansen, Raymond Kim, Albert van Rossum, Brett Atwater, Robin Nijveldt, Cornelis Allaart, VU University



Medical Center, Amsterdam, The Netherlands, Duke University Hospital, Durham, NC, USA

063 - Buspirone Is Effective on Central Apneas in Patients With Systolic Heart Failure

Chiara Borrelli, Gianluca Mirizzi, Claudio Passino, Francesca Bramanti, Giovanni Iudice, Eleonora Benelli, Assunta Agazio, Francesco Grotti, Michele Emdin, Alberto Giannoni, Sant'Anna School of Advanced Studies, Pisa, Italy, Fondazione Toscana Gabriele Monasterio, Pisa, Italy

064 - Enabling Diagnostics Based Clinical Action Using a Heart Failure Management Service

Roy S. Small, Michael Samara, Shantanu Sarkar, Paula A. Kofflin, Holly Norman, Lancaster General Health/Penn Medicine, Lancaster, PA, USA, Medtronic Inc., Minneapolis, MN, USA

065 - Implications of Diastolic Filling Parameters on Spironolactone Response in Hfpwf: Observations From the TOPCAT Study

Shane Nanavakkara, Hitesh C. Patel, Emma K. Gard, Thomas H. Marwick, David M. Kaye, The Alfred Hospital, Melbourne, Australia, Baker Heart and Diabetes Institute, Melbourne, Australia

066 - Improved Quality of Life With Automatic Positive Airway Pressure For Obstructive Sleep Apnea in Heart Failure With Reduced Ejection Fraction: A Randomised Controlled Trial

Olaf Oldenburg, Henrik Fox, Birgit Wellmann, Ulrich Thiem, Dieter Horstkotte, Thomas Bitter, Clinic for Cardiology, Herz- und Diabeteszentrum NRW, Ruhr-Universität Bochum, Bad Oeynhausen, Germany, Department of Medical Informatics, Biometry and Epidemiology, Ruhr-Universität Bochum, Bochum, Germany

067 - Can We Use the Intrinsic Left Ventricular Delay (QLV) to Optimize the Pacing Configuration For Cardiac Resynchronization Therapy With a Quadripolar Left Ventricular Lead?

Wouter van Everdingen, Alwin Zweerink, Maarten Jan Cramer, Pieter Doevendans, Uyen Chau Nguyen, Albert van Rossum, Frits Prinzen, Kevin Vernooy, Cornelis Allaart, Mathias Meine, University Medical Center Utrecht, Utrecht, The Netherlands, VU Medical Center, Amsterdam, The Netherlands

068 - Pressure-Volume Loop Analysis During Multi Point Pacing in Cardiac Resynchronization Therapy

Wouter van Everdingen, Alwin Zweerink, Odette A. E. Salden, Maarten Jan Cramer, Pieter Doevendans, Elien Engels, Albert van Rossum, Frits Prinzen, Kevin Vernooy, Cornelis Allaart, Mathias Meine, University Medical Center Utrecht, Utrecht, The Netherlands, VU Medical Center, Amsterdam, The Netherlands

069 - Unsupervised Machine Learning Algorithm to Identify High and Low Risk Patients Following CRT Implantation

Marton Tokodi, Walter Schwertner, Peter Perge, Annamaria Kosztin, Balint Lakatos, Sirish Shrestha, Attila Kovacs, Bela Merkely, Heart and Vascular Center, Semmelweis University, Budapest, Hungary

070 - Impact of Positive Airway Pressure Therapy on Cardiac Function in Patients With Heart Failure With Reduced Ejection

Fraction and Obstructive Sleep Apnea: A Randomized, Controlled Trial

Thomas Bitter, Kawa Mohamed, Henrik Fox, Birgit Wellmann, Dieter Horstkotte, Olaf Oldenburg, Clinic for Cardiology, Herz- und Diabeteszentrum NRW, Ruhr-Universität Bochum, Bad Oeynhausen, Germany

Heart Failure and Cardiomyopathies - Poster Contributions

Session #1279

Emerging Strategies, Ventricular Assist Devices and Transplantation

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

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

071 - Pre-LVAD Utilization of Amiodarone and Its Impact on Post-LVAD Outcomes

Scott Lundgren, Elizabeth Lyden, Adam Burdorf, Marshall Hyden, Douglas Stoller, Ronald Zolty, John Um, Brian Lowes, University of Nebraska Medical Center, Omaha, NE, USA

072 - Left Ventricular Assist Device Does Not Improve Cellular Immunity in End-Stage Heart Failure

Scott Lundgren, Elizabeth Lyden, Adam Burdorf, Marshall Hyden, Douglas Stoller, Ronald Zolty, John Um, Brian Lowes, University of Nebraska Medical Center, Omaha, NE, USA

073 - Post-Left Ventricular Assist Device Inotropic Score Predicts Short- and Long-Term Mortality

Scott Lundgren, Elizabeth Lyden, Adam Burdorf, Marshall Hyden, Douglas Stoller, Ronald Zolty, John Um, Brian Lowes, University of Nebraska Medical Center, Omaha, NE, USA

074 - Risk of Recurrent Pump Thrombosis After HeartMate II LVAD Implantation in a Large, High-Acuity Cohort

Michael Shi, Jonathan Moreno, David Raymer, Michael Nassif, Justin Vader, Akinobu Itoh, Shane LaRue, Washington University School of Medicine in Saint Louis, Saint Louis, MO, USA

075 - Use of Rvot Acceleration Time to Create a Simple Echocardiography Scoring System to Predict Right Ventricular Failure After LVAD Implantation

Maria Pabon, Farhan Raza, Irina Sobol, Udhay Krishnan, Evelyn M. Horn, Maria Karas, Weill Cornell Medical College, New York, NY, USA, New York Presbyterian Hospital, New York, NY, USA

076 - Baseline Cognitive Functioning in LVAD Patients and Anticoagulation Time in Range

Kelly Bryce, Edward Peterson, Jennifer Cowger, Bin Liu, Themistokles Chamogeorgakis, David E. Lanfear, Henry Ford Hospital, Detroit, MI, USA

077 - Feasibility and Effectiveness of a Shock Team Approach in Refractory Cardiogenic Shock: Preliminary Results

Iosif Taleb, Anwar Tandar, Antigoni Koliopoulou, Stephen McKellar, Jose Nativi, Omar Wever-Pinzon, Edward Gilbert, James Fang, Josef Stehlik, Joseph Tonna, Byung-Soo Ko, Theophilus Owan, Homam Ibrahim, Craig Selzman, Frederick Welt, Stavros Drakos, University of Utah, Salt Lake City, UT, USA



078 - Prediction of LVAD Pump Thrombosis With 30-Day LDH Values: Results From a Large-Volume High Acuity Transplant Center

Jonathan Moreno, Michael Shi, Shane LaRue, Washington University in St. Louis, St. Louis, MO, USA

079 - Increased Right Atrial Volume Index to Left Atrial Volume Index Ratio Is Associated With Adverse Outcomes in Cardiogenic Shock

Paras Patel, McCall Walker, Kenneth Bilchick, Sula Mazimba, University of Virginia, Charlottesville, VA, USA

080 - Increased Pulmonary-Systemic Pressure Ratio Is Associated With Adverse Outcomes in Cardiogenic Shock

Paras Patel, Anthony Peters, Kenneth Bilchick, Lavone Smith, Sula Mazimba, University of Virginia, Charlottesville, VA, USA

081 - Ambient Air Pollution and Mortality After Heart Transplantation

Sadeer G. Al-Kindi, Anuja Sarode, Melissa Zullo, Jeff Brook, Rick Burnett, Wei Huang, Guilherme Henrique Oliveira, Robert Brook, Sanjay Rajagopalan, University Hospitals Cleveland Medical Center, Cleveland, OH, USA

082 - Trends in Volume-Outcomes Relationship of Heart Transplantation in the United States: A 5-Year Perspective

Elena Dolmatova, Kasra Moazzami, James Maher, Pallavi Solanki, Justin Sambol, Marc Klapholz, Alfonso Waller, Rutgers New Jersey Medical School, Newark, NJ, USA

084 - Bacteremia and Risk of Stroke in Patients With Left Ventricular Assist Device: A Systematic Review and Meta-Analysis

Napatt Kanjanahattakij, Benjamin Horn, Basma Abdulhadi, Pakawat Chongsathidkiet, Pattara Rattanawong, Einstein Medical Center, Philadelphia, PA, USA

085 - Hospitalizations For Major Bleeding and Outcomes in Patients With Ventricular Assist Devices

Srikanth Yandrapalli, Yogita Rochlani, Prakash Harikrishnan, Venkat Lakshmi Kishan Vuddanda, Sisir Siddamsetti, Wilbert Aronow, Chhaya Aggarwal, William Frishman, Gregg Lanier, Alan Gass, Howard Cooper, Julio Panza, New York Medical College at Westchester Medical Center, Valhalla, NY, USA

086 - Decreased Pulmonary Artery Proportional Pulse Pressure Predicts Readmissions and Mortality in Patients With Implantable Pulmonary Artery Pressure Sensors

Sula Mazimba, Greg Ginn, Philip Adamson, Kenneth Bilchick, University of Virginia, Charlottesville, VA, USA

087 - The Use of Cardiac MRI to Detect Myocardial Fibrosis and Development of Restrictive Cardiac Physiology After HTx

Derek Leong, Jignesh Patel, Daniel Berman, Sadia Dimbil, Ryan Levine, Louise Thomson, Balaji Tamarappoo, Michelle Kittleson, Fardad Esmailian, Lawrence Czer, Jon Kobashigawa, Cedars Sinai Heart Institute, Los Angeles, CA, USA

088 - Automated Determination of Pulse Amplitude Changes in Finger Photoplethysmography WaveForm During the Valsalva Maneuver Has High Sensitivity and Specificity For Identifying Elevated Left Ventricular End Diastolic Pressure

Panagis Galiatsatos, Jennifer Monti, Theingi Win, Peter Johnston, William Herzog, Jeffrey Trost, Chao-Wei Hwang, Harry Silber, Johns Hopkins Bayview Medical Center, Baltimore, MD, USA

089 - Non-Invasive Assessment of Acute Dyspnea Using Lung Doppler Signals

Muhammad Ashraf, Marton Tokodi, Hama Amin Ali, Chetan Virmani, Moe Alsumidaie, Lan Hu, George Sokos, Partho P. Sengupta, WVU Heart & Vascular Institute, Morgantown, WV, USA

091 - Predictors of Systolic Heart Failure and Mortality following Orthotopic Liver Transplantation: A Single-Center Cohort

Tanya Doctorian, Hyungjin Kim, Deepika Narasimha, Tigran Khachatryan, Amar Desai, Dennys Estevez, Kenneth Jutzy, Anthony A. Hilliard, Islam Abudayyeh, Liset Stoletniy, Pedro Baron, Antoine Sakr, Loma Linda University Medical Center, Loma Linda, CA, USA

092 - Interleukin-1 Blockade Reduces Patient Perceptions of Exertion and Dyspnea Among Patients With Recently Decompensated Systolic Heart Failure: A Subgroup Analysis of the Redhart Trial

Benjamin W. Van Tassel, George Wohlford, Francine Kim, Justin Canada, Salvatore Carbone, Dinesh Kadariya, Hayley Billingsley, Cory Trankle, Leo Buckley, Dave Dixon, Michele Viscusi, Marco Del Buono, Horacio Medina, Ross Arena, Antonio Abbate, Virginia Commonwealth University, Richmond, VA, USA

093 - Impact of Preoperative Atrial Fibrillation in Patients With Left Ventricular Assist Device: A Systematic Review and Meta-Analysis

Pakpoom Tantrachoti, Saranapoom Klomjit, Wasawat Vutthikraivit, Pattara Rattanawong, Pavidha Pachariyanon, Passid Laoveeravat, Subhanudh Thavaraputta, Nandini Nair, Texas Tech University Health Sciences Center, Lubbock, TX, USA

094 - Early Observations From Concurrent Use of Calcium Chloride and Vasopressin Infusions in Pediatric Heart Failure

Karan Karki, Jeffrey Towbin, Camden Harrell, James Tansey, Joseph Krebs, Joseph Smith, William Bigelow, Arun Saini, Sachin Tadphale, University of Tennessee Health Science Center, Memphis, TN, USA, Le Bonheur Children's Hospital, Memphis, TN, USA

095 - Prevalence and Predictors of Decision Regret in Left Ventricular Assist Device Patients

Christopher Sciria, Daniel Jacoby, Pramod Bonde, Forrester Lee, Tariq Ahmad, Jeffrey Testani, Michael Chen, Yale University School of Medicine, New Haven, CT, USA

096 - Comparative Analysis of Established Risk Scores and Novel Hemodynamic Metrics in Predicting Right Ventricular Failure in Left Ventricular Assist Device Patients

Anthony Peters, Lavone Smith, Jamie Kennedy, Mohammad Abuannadi, James Bergin, Sula Mazimba, University of Virginia Health System, Charlottesville, VA, USA

097 - Left Ventricular Assist Device-Related Infections Are Not Associated With Increased Transplant Rejection



Xiaowen Wang, Merilda Blanco-Guzman, David Raymer, Erik R. Dubberke, Justin Vader, Washington University in St. Louis, St. Louis, MO, USA

098 - Short-Term Reproducibility of Cardiopulmonary Exercise Test Parameters in Patients With Left Ventricular Assistive Device
Miguel Alvarez Villela, Kalil Salkey, Thiru Chinnadurai, Mounica Yanamandala, Jooyoung Shin, Ileana Pina, Ulrich Jorde, Snehal Patel, Montefiore Medical Center, Bronx, NY, USA, Albert Einstein College of Medicine, Bronx, NY, USA

099 - Clinical Significance of Liver Stiffness Assessed by Transient Elastography in Acute Decompensated Heart Failure
Yuki Saito, Mahoto Kato, Koichi Nagashima, Koyuru Monno, Yoshihiro Aizawa, Yasuo Okumura, Atsushi Hirayama, Nihon University School of Medicine, Tokyo, Japan

100 - Does Ex Vivo Perfusion Lead to More or Less Intimal Thickening in the First-year Post-Heart Transplantation?
Takuma Sato, Richard Cheng, Babak Azarbal, Ryan Levine, Sadia Dimbil, Maria Thottam, Fardad Esmailian, Lawrence Czer, Jon Kobashigawa, Cedars-Sinai Heart Institute, Los Angeles, CA, USA

101 - Combined Heart and Kidney Transplantation: Is There a Protective Effect Against Cardiac Allograft Vasculopathy Using Intravascular Ultrasound?
Takuma Sato, Richard Cheng, Babak Azarbal, Sadia Dimbil, Ryan Levine, Fardad Esmailian, Lawrence Czer, Jon Kobashigawa, Cedars-Sinai Heart Institute, Los Angeles, CA, USA

102 - Single Center Experience: Comparison of One Year Survival of More Than 120 Patients With Heartmate 3 and Heartware Hvac
Marcus Müller, Gregor Richter, Christoph Hoermandinger, Felix Schoenrath, Volkmar Falk, Evgenij Potapov, Thomas Krabatsch, DHZB, Berlin, Germany

103 - Low-Level Transcutaneous Auricular Vagus Nerve Stimulation Induces Angiogenesis and Ameliorates Left Ventricular Dysfunction in a Rat Model of Chronic Myocardial Ischemia/Reperfusion Injury
Minxian Chen, The Second Xiangya Hospital of Central South University, Changsha, People's Republic of China

104 - Comparison of Outcomes in Patients Undergoing Renal Transplantation With Impaired Versus Normal Left Ventricular Ejection Fraction
Tigran Khachatryan, Deepika Narasimha, Haig Lafian, Mehron Deriss, David Chung, Carolyn Krystal, Antoine Sakr, Kenneth Jutzy, Anthony A. Hilliard, Amir Abdi Pour, Islam Abudayyeh, Liset Stoletniy, Loma Linda University Medical Center, Loma Linda, CA, USA

105 - Direct Oral Anticoagulants Compared to Warfarin for Left Ventricular Thrombi: A Single Center Experience
Austin Robinson, Benjamin Ruth, John Dent, University of Virginia, Charlottesville, VA, USA

106 - Prevalence and Outcome of Acute Heart Failure With Reduced Ejection Fraction Following Liver Transplantation
Krithika Krishnarao, Soundos Moualla, Andrew Keaveny, Mohamad Yamani, Mayo Clinic Jacksonville, Jacksonville, FL, USA

107 - Utility of Shock Index in Patients Presenting With Acute Heart Failure: Multicenter Multinational Observational Study
Ayman El-Menyar, Kadhim Sulaiman, Wael A. Almahmeed, Nidal Asaad, Hajar Albinali, Rajvir Singh, Jassim Al Suwaidi, Hamad Medical Corporation, Doha, Qatar

108 - Elevated Troponin-I Level Quantitatively Associated With Left Ventricular Impairment in Acute Myocarditis
Kaoru Hirose, Aitoshi Isotani, Kyohei Yamaji, Takashi Morinaga, Takenori Domei, Makoto Hyodo, Yoshimitsu Soga, Shinnichi Shirai, Ando Kenji, Kokura Memorial Hospital, Kitakyusyu-Shi, Japan

109 - Incremental Value of Systemic Extracellular Water Volume Assessment by Bioelectrical Impedance Analysis and Echocardiography in Patients With Acute Decompensated Heart Failure

Akiko Idemoto, Haruhiko Abe, Masayuki Nakamura, Yoshinori Iida, Chieko Toriyama, Tatsuhsa Ozaki, Kaori Yasumura, Hiroki Nishida, Taishi Kato, Kazuya Shinouchi, Tsuyoshi Mishima, Masaki Awata, Motoo Date, Yasunori Ueda, Masaaki Uematsu, Yukihiro Koretsune, Osaka National Hospital, Osaka, Japan

110 - Association Between Sleep Disordered Breathing and Life Threatening Ventricular Arrhythmia Among Left Ventricular Assist Device Patients

Rafath Ullah, Beneet Pandey, John Crouch, Francis X. Downey, Nasir Sulemanjee, Arshad Jahangir, Vinay Thohan, Aurora Cardiovascular Services, Aurora Sinai and Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

Heart Failure and Cardiomyopathies - Moderated Poster Contributions Session #1309M

Contemporary Issues in Heart Transplantation
Monday, March 12, 2018, 9:45 a.m. - 10:30 a.m.

Heart Failure and Cardiomyopathies Moderated Poster Theater, Poster Hall, Hall A/B
CME Hours: /CNE Hours:

ACC Poster Moderator: Howard J. Eisen
ACC Poster Moderator: Sarah J. Goodlin

9:45 a.m.

The Clinical Impact of Early Versus Late HLA Donor-Specific Antibody Development After Heart Transplantation
Jonathan Davis, Sadia Dimbil, Ryan Levine, Jignesh Patel, Fardad Esmailian, Lawrence Czer, Jon Kobashigawa, Cedars Sinai Heart Institute, Los Angeles, CA, USA

9:55 a.m.

Question and Answer

10:00 a.m.

Differential Effects of Sirolimus- and Calcineurin Inhibitor-Associated Hyperlipidemia on Cardiac Allograft Vasculopathy Progression and Outcomes After Heart Transplantation
Rabea Asleh, Alexandros Briasoulis, Naveen Pereira, Brooks Edwards, Alfredo Clavell, Barry Boilson, Robert Frantz, John Schirger, Richard Rodeheffer, Simon Maltais, John Stulak, Richard Daly, Amir Lerman, Sudhir Kushwaha, Mayo Clinic, Rochester, MN, USA



10:10 a.m.
Question and Answer

10:15 a.m.
Impact of Insurance Type on Eligibility For Advanced Heart Failure Therapies and Survival
Sarah Hutcheson, Rachel Patzer, Sonjoy Laskar, Andrew Smith, John Vega, Alanna Morris, Emory University School of Medicine, Atlanta, GA, USA

10:25 a.m.
Question and Answer

Heart Failure and Cardiomyopathies - Gaming
Session #6009
Engage @ACC.18 Studio: Ask the Heart Failure Experts
Monday, March 12, 2018, 9:45 a.m. - 10:45 a.m.
Engage@ ACC.18 Studio, Hall A/B
CME Hours: /CNE Hours:

Co-Chair: Bonnie Ky
Co-Chair: Mark H. Drazner

9:45 a.m.
Master of Ceremony
Lee R. Goldberg
Philadelphia, PA

9:45 a.m.
Heart Failure Expert Panelist
James C. Fang
Salt Lake City, UT

9:45 a.m.
Heart Failure Expert Panelist
Amanda Vest
Boston, MA

9:45 a.m.
Heart Failure Expert Panelist
Clyde W. Yancy
Chicago, IL

9:45 a.m.
Heart Failure Expert Panelist
JoAnn Lindenfeld
Nashville, TN

Heart Failure and Cardiomyopathies - Hands-on Skills Learning
Session #1544
Hands-On Simulation Skills Training: Immersive Simulation Station . . . Guideline-directed Heart Failure Care Utilizing Full-body Manikin
Monday, March 12, 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: Immersive Simulation Station
Michael T. Spooner
Norfolk, VA

Heart Failure and Cardiomyopathies - Hands-on Skills Learning
Session #1545
Hands-On Simulation Skills Training: Procedural Skill Station . . . Including Echocardiography and Right Heart Catheterization
Monday, March 12, 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: Procedural Skill Station
Ada C. Stefanescu Schmidt
Boston, MA

Heart Failure and Cardiomyopathies - Hands-on Skills Learning
Session #1546
Hands-On Simulation Skills Training: Shared Decision-making Simulation Station . . . Improve Your Patient Communication Techniques
Monday, March 12, 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: Shared Decision-making Simulation Station
Rachel J. Lampert
New Haven, CT

Heart Failure and Cardiomyopathies - Scientific
Session #733
Heart Failure With Preserved Ejection Fraction: Where Do We Go From Here?
Monday, March 12, 2018, 10:45 a.m. - 12:15 p.m.
Room 315 A
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Akshay S. Desai
Co-Chair: Anita Deswal
Panelist: Julio A. Chirinos
Panelist: Dalane W. Kitzman
Panelist: Carolyn S.P. Lam
Panelist: Margaret M. Redfield
Panelist: Sanjiv Jayendra Shah

10:45 a.m.
Cardiac Contributions to HFpEF
Margaret M. Redfield
Rochester, MN

11:00 a.m.
Peripheral Contributions to HFpEF
Dalane W. Kitzman
Winston Salem, NC

11:15 a.m.
Phenotyping the HFpEF Patient
Sanjiv Jayendra Shah
Chicago, IL

11:30 a.m.



Lessons From Clinical Trials in HFpEF
Nancy K. Sweitzer
Tucson, AZ

11:45 a.m.
New Pathophysiological Targets for HFpEF
Julio A. Chirinos
Marcus Hook, PA

12:00 p.m.
Panel Discussion With Session Faculty

**Heart Failure and Cardiomyopathies - Scientific
Session #734
Contemporary Challenges in Cardiac Amyloidosis
Monday, March 12, 2018, 10:45 a.m. - 12:15 p.m.
Room 312 A
CME Hours: 1.5 /CNE Hours: 1.5**

Co-Chair: Martha Grogan
Co-Chair: Frederick L. Ruberg

10:45 a.m.
What Would You Do? A Challenging Case of Cardiac Amyloid
Ronald Witteles
Los Altos, CA

10:57 a.m.
Don't Miss it: Tips for Recognizing and Diagnosing Cardiac Amyloid
Mathew S. Maurer
New York, NY

11:09 a.m.
Imaging for Cardiac Amyloidosis: Can It Replace Biopsies?
Eugene Christopher DePasquale
Los Angeles, CA

11:21 a.m.
Routine HF Therapies for Cardiac Amyloidosis: Helpful or Harmful?
Rodney H. Falk
Newton, MA

11:33 a.m.
Treatment Options for AL Amyloid
Angela Dispenzieri
Rochester, MN

11:45 a.m.
Evolving Therapies for ATTR Amyloid
Mark J. Zucker
Newark, NJ

11:57 a.m.
Updates From the APOLLO Trial of ATTR Amyloidosis
Scott D. Solomon
Boston, MA

11:57 a.m.
Question and Answer

**Heart Failure and Cardiomyopathies - Hands-on Skills
Learning**

**Session #1548
Hands-On Simulation Skills Training: Immersive
Simulation Station . . . Guideline-directed Heart Failure
Care Utilizing Full-body Manikin
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: Immersive Simulation Station
Jason Linefsky
Decatur, GA

**Heart Failure and Cardiomyopathies - Hands-on Skills
Learning**

**Session #1549
Hands-On Simulation Skills Training: Procedural Skill
Station . . . Including Echocardiography and Right Heart
Catheterization
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: Procedural Skill Station
Zorana Mrcic
Bethesda, MD

**Heart Failure and Cardiomyopathies - Hands-on Skills
Learning**

**Session #1550
Hands-On Simulation Skills Training: Shared Decision-
making Simulation Station . . . Improve Your Patient
Communication Techniques
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: Shared Decision-making Simulation Station
Sohah Iqbal
New York, NY

**Heart Failure and Cardiomyopathies - Scientific
Session #749**

**Unanswered Questions in Cancer and Heart Failure
Monday, March 12, 2018, 12:30 p.m. - 1:45 p.m.
Room 315 A
CME Hours: 1.25 /CNE Hours: 1.25**

Co-Chair: W. Gregory Hundley
Co-Chair: Monika Jacqueline Leja
Panelist: Ana Barac
Panelist: Bonnie Ky
Panelist: JoAnn Lindenfeld
Panelist: Tomas G. Neilan
Panelist: Thomas D. Ryan

12:30 p.m.



Cardiac Imaging in Stage A and B Heart Failure: What Does the Strain Value or Extracellular Volume Index Mean to My Cancer Patient and to Me?

Tomas G. Neilan
Auburndale, MA

12:42 p.m.

Early and Late Cardiac Remodeling in Pediatric Cancer Patients: Is it the Same as Adults?

Thomas D. Ryan
Cincinnati, OH

12:54 p.m.

Primary Prevention: How Do We Protect the Heart?

Bonnie Ky
Philadelphia, PA

1:06 p.m.

Cancer Treatment Induced Heart Failure: Do the Traditional Paradigms Apply?

JoAnn Lindenfeld
Nashville, TN

1:18 p.m.

Her 2 Delivery in the Setting of Low EF: How Do We Keep the Heart Safe?

Ana Barac
Washington, DC

1:30 p.m.

Case-Based Panel Discussion

Heart Failure and Cardiomyopathies - Scientific

Session #750

Sweetening the Pill: New Options for Treating Diabetes in Heart Failure

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

Room 312 A

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Robert H. Eckel

Co-Chair: Javed Butler

Panelist: David Aguilar

Panelist: Anita Deswal

Panelist: Robert J. DiDomenico, JR

Panelist: Benjamin M. Scirica

Panelist: Amanda Vest

12:30 p.m.

Metformin, Sulphonylureas and Insulin: The Good, the Bad and the Ugly?

David Aguilar
Houston, TX

12:45 p.m.

The Incretin Therapies in Heart Failure

Benjamin M. Scirica
Boston, MA

1:00 p.m.

SGLT1 and 2 Inhibition in Heart Failure

Amanda Vest

Boston, MA

1:15 p.m.

Challenging Cases in Diabetes Management in Heart Failure

Robert J. DiDomenico, JR
Chicago, IL

1:25 p.m.

Challenging Cases in Diabetes Management in Heart Failure

Anita Deswal
HOUSTON, TX

1:35 p.m.

Panel Discussion With Questions and Answer

Heart Failure and Cardiomyopathies - Scientific

Session #751

Biomarkers in Heart Failure: Where Are We Now and What's the Future?

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

Room 209 B

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Hanna Kim Gaggin

Co-Chair: Vasan S. Ramachandran

Panelist: Mark H. Drazner

Panelist: Michael Felker

Panelist: James L. Januzzi

Panelist: Stefan D. Anker

Panelist: Peter P. Liu

Panelist: Wai Hong Wilson Tang

Panelist: Thomas Wang

12:30 p.m.

Biomarkers in the Community: Predicting Incident Risk: Is There a Role?

Thomas Wang
Nashville, TN

12:38 p.m.

Multi-Marker Strategies: Can We Capture the Complexities of HFrEF? HFpEF?

Wai Hong Wilson Tang
Cleveland, OH

12:46 p.m.

Biomarker Guided Adaptive Trials and European Consortium Efforts in Precision Medicine

Stefan D. Anker
Berlin, Germany

12:54 p.m.

Biomarkers: The Present, the Future and Unresolved Questions

James L. Januzzi
Wellesley, MA

1:02 p.m.

"Omics" - Promises and Pitfalls

Peter P. Liu
Ottawa, Canada



1:10 p.m.

Pro: Targeted Biomarker Strategies in Heart Failure: Do They GUIDE-US?

Michael Felker
Durham, NC

1:18 p.m.

Con: Targeted Biomarker Strategies in Heart Failure: Do They GUIDE-us?

Mark H. Drazner
Dallas, TX

1:26 p.m.

Debate Pro Rebuttal

Michael Felker
Durham, NC

1:28 p.m.

Debate Con Rebuttal

Mark H. Drazner
Dallas, TX

1:30 p.m.

Panel Discussion

Heart Failure and Cardiomyopathies - Moderated Poster Contributions

Session #1318M

Challenges With Metabolic Syndrome and Obesity in Heart Failure

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

Heart Failure and Cardiomyopathies Moderated Poster

Theater, Poster Hall, Hall A/B

CME Hours: /CNE Hours:

ACC Poster Moderator: Nancy K. Sweitzer

ACC Poster Moderator: Edward Wilson Grandin

12:30 p.m.

Characterization of the Obesity-Heart Failure With Preserved Ejection Fraction Phenotype Using a Multimodal Imaging Approach

Anupam Kumar, Bilal Ansari, Jessica Kim, Maheswara Reddy Koppula, Sowmya Gaddam, Jagan M. R. Vanjarapu, Dheera Tamvada, Scott Akers, Julio Chirinos, Hospital of the University of Pennsylvania, Philadelphia, PA, USA

12:40 p.m.

Question and Answer

12:45 p.m.

No Increased Risk of Heart Failure Hospitalization or Major Cardiovascular Events Observed With Liraglutide in Patients With or Without a History of New York Heart Association Class II-III Heart Failure: Results From the LEADER Trial

Mansoor Husain, Stephen C. Bain, Johannes F. E. Mann, Michael A. Nauck, Neil Poulter, Florian M. M. Baeres, Bryan Goldman, Anne Bloch Thomsen, Steven P. Marso, LEADER Publication Committee on behalf of the LEADER Trial Investigators, Novo Nordisk A/S, Søborg, Denmark

12:55 p.m.

Question and Answer

1:00 p.m.

Empagliflozin Induces a Myocardial Metabolic Shift From Glucose Consumption to Ketone Metabolism That Mitigates Adverse Cardiac Remodeling and Improves Myocardial Contractility

Carlos G. Santos-Gallego, Juan Antonio Requena Ibanez, Rodolfo San Antonio, Kiyotake Ishikawa, Shin Watanabe, Maria Belen Picatoste Botija, Angel Javier Sanz Salvo, Roger Hajjar, Valentin Fuster, Juan Badimon, Icahn School of Medicine at Mount Sinai, New York, NY, USA

1:10 p.m.

Question and Answer

1:15 p.m.

Poor Prognosis Following Diabetes Mellitus in Patients With Heart Failure: A Nationwide Cohort Study

Bohra Zareini, Rasmus Rørth, Anders Holt, Ulrik Mogensen, Christian Selmer, Gunnar Gislason, Morten Schou, Lars Køber, Morten Lamberts, Søren Lund Kristensen, Herlev and Gentofte University Hospital, Copenhagen, Denmark, Rigshospital, Copenhagen, Denmark

1:25 p.m.

Question and Answer

1:30 p.m.

Bariatric Surgery in Advanced Heart Failure Patients Provides Bridge to Definitive Therapy

Sachin Kumar, Sriram Nathan, Marwan Jumean, Bindu Akkanti, Rahat Hussain, Shinil Shah, Kulvinder Bajwa, Sheilendra Mehta, Mehmat Akay, Manish Patel, Ismael Salas de Armas, Keshava Rajagopal, Indraneel Rajapreyer, Rajko Radovancevic, Pranav Loyalka, Biswajit Kar, Igor Gregoric, University of Texas, Houston, USA

1:40 p.m.

Question and Answer

Heart Failure and Cardiomyopathies - Hands-on Skills Learning

Session #1552

Hands-On Simulation Skills Training: Immersive Simulation Station . . . Guideline-directed Heart Failure Care Utilizing Full-body Manikin

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

Personalized Skills and Simulation Center: Lounge & Learn, Hall C

CME Hours: /CNE Hours:

2:00 p.m.

Hands-On Simulation Skills Training: Immersive Simulation Station . . . Guideline-directed Heart Failure Care Utilizing Full-body Manikin



Heart Failure and Cardiomyopathies - Hands-on Skills Learning

Session #1553

Hands-On Simulation Skills Training: Procedural Skill Station . . . Including Echocardiography and Right Heart Catheterization

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

Personalized Skills and Simulation Center: Lounge & Learn, Hall C

CME Hours: /CNE Hours:

2:00 p.m.

Faculty: Procedural Skill Station

Laura Davidson

Chicago, IL

Heart Failure and Cardiomyopathies - Hands-on Skills Learning

Session #1554

Hands-On Simulation Skills Training: Shared Decision-making Simulation Station . . . Improve Your Patient Communication Techniques

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

Personalized Skills and Simulation Center: Lounge & Learn, Hall C

CME Hours: /CNE Hours:

2:00 p.m.

Faculty: Shared Decision-making Simulation Station

Jerold L. Saef

Grand Junction, CO

Heart Failure and Cardiomyopathies - Scientific

Session #764

Heart Failure in Frail Elderly Patients: Focus on Quality of Life

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

Room 315 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Sarah J. Goodlin

Co-Chair: Nancy M. Albert

2:00 p.m.

Shared Decision Making in End-Stage Heart Failure Patients

Larry A. Allen

Aurora, CO

2:15 p.m.

My Patient Can't Remember: What Can I Do About That?

Sarah J. Goodlin

Portland, OR

2:30 p.m.

Destination Therapy LVAD in Elderly Patients: Ready for Prime Time?

Scott L. Hummel

Ann Arbor, MI

2:45 p.m.

Cardiac Rehabilitation for the Frail Heart Failure Patient: Which Approach Is Better?

Celeste T. Williams

West Bloomfield, MI

3:00 p.m.

Defining Shared Goals in Elderly: Quality Versus Quantity

Craig Michael Alpert

Pittsburgh, PA

3:15 p.m.

Question and Answer

Heart Failure and Cardiomyopathies - Scientific Session #765

RV Centric: No Longer the Forgotten Chamber

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

Room 312 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Ayan R. Patel

Co-Chair: Ryan James Tedford

Panelist: Jennifer L. Cook

Panelist: Paul Forfia

Panelist: Edward Wilson Grandin

Panelist: Jeremy Aryeh Mazurek

2:00 p.m.

Percutaneous Options in Acute RV Failure

Jennifer L. Cook

Tucson, AZ

2:12 p.m.

RV Failure After LVAD: Is It Preventable?

Edward Wilson Grandin

Newton Center, MA

2:24 p.m.

Assessment of RV Function: Hemodynamics and Imaging

Paul Forfia

Philadelphia, PA

2:36 p.m.

Case #1: A Challenging Case of RV Dysfunction

Chetan Bhardwaj

Peoria, IL

2:48 p.m.

Drug Therapy in Acute RV Failure: How to Promote Recovery?

Jeremy Aryeh Mazurek

Philadelphia, PA

3:00 p.m.

Case #2: Challenging Case of RV Dysfunction

Esther Shao

Edina, MN

3:12 p.m.

Panel Discussion With Question and Answer



Heart Failure and Cardiomyopathies - ACC Section Highlights

Session #1401

Heart Failure Section Highlights for ACC.18

Monday, March 12, 2018, 3:45 p.m. - 5:15 p.m.

Room 312 A

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Biykem Bozkurt

Co-Chair: Gurusher S. Panjrath

Panelist: Larry A. Allen

Panelist: Lee R. Goldberg

Panelist: James O. Mudd

Panelist: Ileana L. Pina

Panelist: Sean Patrick Pinney

3:45 p.m.

Session Introduction

Biykem Bozkurt

Houston, TX

3:49 p.m.

Top Three Randomized/Interventional Clinical Trials From ACC.18

Most Likely to Impact or Change Clinical Practice

Ileana L. Pina

Bronx, NY

3:59 p.m.

Audience ARS: Top Three Randomized/Interventional Clinical

Trials Most Likely to Impact or Change Clinical Practice

Ileana L. Pina

Bronx, NY

4:01 p.m.

Top Three Translational or Basic Research Presentations With the

Highest Likely Impact or Change Clinical Practice

Gurusher S. Panjrath

Washington, DC

4:11 p.m.

Audience ARS Question: Top Three Translational or Basic Research

Presentations With the Highest Likely Impact or Change Clinical

Practice

Gurusher S. Panjrath

Washington, DC

4:13 p.m.

Top Three Important Topics in Advanced HF (Stage D) or Cardiac

Transplant Covered at the ACC.18

James O. Mudd

Portland, OR

4:23 p.m.

Audience ARS Question: Top Three Important Topics in Advanced

HF (Stage D) or Cardiac Transplant Covered at the ACC.18

James O. Mudd

Portland, OR

4:25 p.m.

Top Three Observational /Database /Registry Studies Most Likely

to Impact or Change Clinical Practice

Larry A. Allen

Aurora, CO

4:35 p.m.

Audience ARS Question: Top Three Observational /Database

/Registry Studies Most Likely to Impact or Change Clinical Practice

Larry A. Allen

Aurora, CO

4:37 p.m.

Most Helpful Thing I Learned in the Field of Heart Failure and or

Cardiac Transplant During the ACC.18

Lee R. Goldberg

Philadelphia, PA

4:45 p.m.

Poster Sessions and Abstracts - What You May Have Missed But Is

A Must Hear

Gurusher S. Panjrath

Washington, DC

4:55 p.m.

Heart Failure and Transplant Section Highlights Related to Practice

Changes

Biykem Bozkurt

Houston, TX

4:57 p.m.

Heart Failure and Transplant Section Digital Platform Highlights

Sean Patrick Pinney

New York, NY