



**Arrhythmias and Clinical EP - Heart 2 Heart Stage**

**Session #6511**

**Catch Them Before They Fall: Syncope Guidelines In Action**

Sunday, March 29, 2020, 7:00 a.m. - 7:30 a.m.

Heart 2 Heart Stage - Lounge & Learn, Hall B

CME Hours: 0 / CNE Hours:

Co-Chair: Prashant D. Bhav

Co-Chair: Michael T. Spooner

7:00 a.m.

Catch Them Before They Fall: Syncope Guidelines in Action

Brian Olshansky

Iowa City, IA

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

**Session #658**

**Chest Pain Evaluation in the ED: Same Problem, New Tools, New Questions**

Sunday, March 29, 2020, 8:00 a.m. - 9:30 a.m.

Room S504a

CME Hours: 1.5 / CNE Hours:

Co-Chair: Stefan Blankenberg

Co-Chair: Nanette Kass Wenger

8:00 a.m.

High-Sensitivity Troponin in The ED - Pearls And Pitfalls of Wide-Spread

Utilization

David A. Morrow

Boston, MA

8:15 a.m.

Role of CT Angiography in ED to Evaluate Chest Pain

Udo Hoffmann

Boston, MA

8:30 a.m.

What Is The Best Stress Test to Use in ED in 2020 For Evaluation of Chest Pain

Robert L. Gillespie

Rancho Santa Fe, CA

8:45 a.m.

Panel Discussion And Question and Answer Around Presented Talks

8:55 a.m.

Case #1 of a Patient With Chest Pain Presenting to The ED

Evan Blank

Atlanta, GA

9:00 a.m.

Panel Discussion And Question and Answer Around Case #1

9:15 a.m.

Case #2 of a Patient With Chest Pain Presenting to The ED

Chirag Bavishi

Providence, RI

9:20 a.m.

Panel Discussion And Question and Answer Around Case #2

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

**Session #659**

**Pre-Operative Care For Non-Cardiac Surgery: Emerging Strategies and Ongoing Controversies**

Sunday, March 29, 2020, 8:00 a.m. - 9:30 a.m.

Room S505a

CME Hours: 1.5 / CNE Hours:

Co-Chair: Kim A. Eagle

Co-Chair: Lee A. Fleisher

Panelist: Subhash Banerjee

Panelist: Santiago Garcia

Panelist: Marie D. Gerhard-Herman

8:00 a.m.

Perioperative Risk Stratification And Diagnostic Testing

Kirsten E. Fleischmann

San Francisco, CA

8:10 a.m.

Emerging Role of Biomarkers For Pre-Operative Risk Assessment

Yader Sandoval

La Crosse, WI

8:20 a.m.

Management of Perioperative Anti-Platelet And Anti-Thrombotic Therapies

Jeffrey S. Berger

New York, NY

8:40 a.m.

Current And Emerging Strategies to Reduce Risk of Ischemic Complications

P.J. Devereaux

Hamilton, Canada

8:50 a.m.

Guideline-Directed Pre-Operative Testing Is Appropriate in SIHD Patients

Undergoing Elective Non-Cardiac Surgery

Thomas A. Holly

Chicago, IL

9:00 a.m.

Guideline-Directed Testing Leads to Over-Testing Without Improving

Outcomes

David L. Brown

St Louis, MO

9:10 a.m.

Case Presentation

Gwen Bernacki

Bellevue, WA

9:15 a.m.

Panel Discussion

**Arrhythmias and Clinical EP - Oral Contributions**

**Session #901**

**Highlighted Original Research: Arrhythmias and Clinical EP and the Year in Review**

Sunday, March 29, 2020, 8:00 a.m. - 9:30 a.m.

Room S501a

CME Hours: 1.5 / CNE Hours:

Co-Chair: Gregory F. Michaud

Co-Chair: Jeanne E. Poole

8:00 a.m.

Year in Review Speaker

Jagmeet P. Singh

Boston, MA



8:12 a.m.

COMPLETE FOUR CHAMBER RESYNCHRONIZATION VIA NOVEL  
PERCUTANEOUS EPICARDIAL PACING LEAD

Martin van Zyl, Omar Ziad Yasin, Adetola Ladejobi, Vaibhav Vaidya, Alan  
Sugrue, Noah Schneider, Roshini Asirvatham, Jason Tri, Paul Friedman,  
Samuel Asirvatham, Mayo Clinic, Rochester, MN, USA

8:22 a.m.

Discussion

8:25 a.m.

12 MONTH EFFICACY, SAFETY, SYMPTOMS AND IMPROVED QUALITY OF LIFE  
POST ARCTIC FRONT ADVANCE CRYOBALLOON ABLATION IN PERSISTENT AF  
PATIENTS: RESULTS FROM THE GLOBAL PROSPECTIVE MULTICENTER STOP  
PERSISTENT AF STUDY

Hugh Calkins, Wilber Su, Kabir Bhasin, Jean Champagne, Robert Sangrigoli,  
Paul Novak, Sanjaya Gupta, Teiichi Yamane, Vivek Reddy, Medtronic,  
Minneapolis, MN, USA

8:35 a.m.

Discussion

8:38 a.m.

SAFETY AND COMPLICATIONS OF CATHETER ABLATION FOR ATRIAL  
FIBRILLATION IN THE UNITED STATES: AN UPDATED ANALYSIS FROM THE  
NATIONAL INPATIENT SAMPLE DATABASE

Lingling Wu, Bharat Narasimhan, Faris Haddadin, Kam Ho, Yingying Zheng,  
Bharat Kantharia, Mount Sinai St. Luke's and Mount Sinai West Hospital, New  
York, NY, USA

8:48 a.m.

Discussion

8:51 a.m.

TWO-DIMENSIONAL FLUOROSCOPIC LOCATION OF HIS BUNDLE AND LEFT  
BUNDLE BRANCH PACING LEADS

Hai Jiang, Xiaofeng Hou, Zhiyong Qian, Yao Wang, Jiangang Zou, Department  
of Cardiology, The First Affiliated Hospital of Nanjing Medical University,  
Nanjing, People's Republic of China

9:01 a.m.

Discussion

9:04 a.m.

IMPACT OF CATHETER ABLATION FOR ATRIAL FIBRILLATION ON MORTALITY  
AND HOSPITAL READMISSION RATES IN PATIENTS WITH HEART FAILURE AND  
REDUCED EJECTION FRACTION

Shilpkumar Arora, Harsh Patel, Chinmay Jani, Samarthkumar Thakkar, Sopan  
Lahewala, Abhishek Deshmukh, Juan F. Viles-Gonzalez, Yash Varma, Mayo  
Clinic, Rochester, MN, USA, Miami Cardiac and Vascular Institute, Miami, FL,  
USA

9:14 a.m.

Discussion

9:27 a.m.

Discussion

#### Congenital Heart Disease - Scientific

##### Session #660

**The Evolution of Guidelines and Quality in Congenital Heart Disease:  
Featuring the Dan G. McNamara Keynote**

Sunday, March 29, 2020, 8:00 a.m. - 9:30 a.m.

Room S105b

CME Hours: 1.5 / CNE Hours:

Co-Chair: Aimee K. Armstrong

Co-Chair: Daphne T. Hsu

8:00 a.m.

Writing The AHA Fontan Scientific Statement: What I Learned About Fontan  
Surveillance Strategies

Jack Rychik  
Philadelphia, PA

8:12 a.m.

ACC-Talk: Writing The First CHD Imaging AUC: Data Driven or Consensus  
Creation?

Ritu Sachdeva  
Atlanta, GA

8:24 a.m.

Introduction to the 2020 Dan G. McNamara Keynote: Kathy J. Jenkins, MD,  
MPH, FACC

Daphne T. Hsu  
Bronx, NY

8:29 a.m.

2020 Dan G. McNamara Keynote: My Journey: The Evolution of Quality in  
Congenital Heart Disease

Kathy J. Jenkins  
Boston, MA

8:59 a.m.

Interview With Dr. Kathy Jenkins

Aimee K. Armstrong  
Columbus, OH

9:14 a.m.

Audience Questions And Answers

#### Heart Failure and Cardiomyopathies - Scientific Session #661

##### Destined to Fail? How to Prevent Heart Failure

Sunday, March 29, 2020, 8:00 a.m. - 9:30 a.m.

Room S406a

CME Hours: 1.5 / CNE Hours:

Co-Chair: Marisa Crespo-Leiro

Co-Chair: Mariell Jessup

Panelist: Dulce Brito

Panelist: Victor Rossel

8:00 a.m.

Risk Scores to The Rescue!

Sadiya Khan  
Oak Park, IL

8:12 a.m.

Biomarkers Are Best!

Christopher R. DeFilippi  
Baltimore, MD

8:24 a.m.

Preventing The pEF Pandemic: Drug Interventions

Faiez Zannad  
Neuilly sur Seine, France

8:36 a.m.

Prevent The Pandemic: Lifestyle Modifications Are The Key!

Monica Aggarwal  
Gainesville, FL

8:48 a.m.

HF Prevention in Diabetics: SGLT2i or Bust?

Javed Butler  
Jackson, MS



9:00 a.m.

Prevention Panel Discussion- 15 Minute

**Heart Failure and Cardiomyopathies - Oral Contributions**

**Session #902**

**Highlighted Original Research: Heart Failure and Cardiomyopathies and the Year in Review**

Sunday, March 29, 2020, 8:00 a.m. - 9:30 a.m.

Room S406b

CME Hours: 1.5 / CNE Hours:

Co-Chair: Anita Deswal

Co-Chair: David E. Lanfear

8:00 a.m.

Year in Review Speaker

Douglas L. Mann

Saint Louis, MO

8:12 a.m.

PULMONARY ARTERY PRESSURE MONITORING EFFECTIVELY GUIDES MANAGEMENT TO REDUCE HEART FAILURE HOSPITALIZATIONS IN PATIENTS WITH OBESITY

Douglas Marshall Brinkley, JR., Maya Guglin, Mosi Bennett, Margaret M. Redfield, William Abraham, Marie-Elena Brett, Nicholas Dirckx, Philip B. Adamson, Lynne Warner Stevenson, Vanderbilt University Medical Center, Nashville, TN, USA

8:22 a.m.

Discussion

8:25 a.m.

CONSISTENT BENEFIT OF DAPAGLIFLOZIN ACCORDING TO BACKGROUND THERAPY IN PATIENTS WITH HFREF: AN ANALYSIS OF THE DAPA-HF TRIAL  
Kieran Docherty, Alice Jackson, Silvio E. Inzucchi, Pardeep Jhund, Lars Kober, Mikhail Kosiborod, Anna Maria Langkilde, Felipe Martinez, Olof Bengtsson, Piotr Ponikowski, Marc Sabatine, Mikaela Sjostrand, Scott D. Solomon, Akshay S. Desai, Mirta Diez, Jonathan Howlett, Charlotta E. A. Ljungman, Eileen O'Meara, Mark Petrie, Morten Schou, Vinh Pham, John McMurray, BHF Cardiovascular Research Centre, Glasgow, United Kingdom

8:35 a.m.

Discussion

8:38 a.m.

CARDIOLOGISTS BEWARE: CLINICAL LIMITATIONS OF GENOTYPING- VERSUS SEQUENCING-BASED STRATEGIES FOR CARDIOMYOPATHY EVALUATION  
Thomas E. Callis, Rebecca Truty, Edward D. Esplin, Ana Morales, Matteo Vatta, Lisa Salberg, Robert Nussbaum, Invitae, San Francisco, CA, USA

8:48 a.m.

Discussion

8:51 a.m.

CLINICAL PROFILE AND OUTCOMES FOR PERIPARTUM CARDIOMYOPATHY IN NIGERIA: A PROSPECTIVE LONGITUDINAL STUDY

Kamilu Musa Karaye, Hadiza Sa'idu, Suleiman A. Balarabe, Naser A. Ishaq, Umar G. Adamu, Idris Y. Mohammed, Isa Oboirien, Ejiro M. Umuerr, Vincent Shidali, Abaram Chesa Mankwe, Paschal Njoku, Sotonye Dodiya-Manuel, Taiwo Olunuga, Veronica Josephs, Amam C. Mbakwem, Okechukwu Ogah, Peripartum Cardiomyopathy in Nigeria (PEACE) Registry, Aminu Kano Teaching Hospital, Kano, Nigeria, Bayero University, Kano, Nigeria

9:01 a.m.

Discussion

9:04 a.m.

CARVEDILOL FOR PREVENTION OF CHEMOTHERAPY-INDUCED CARDIOTOXICITY: FINAL RESULTS OF THE PROSPECTIVE, RANDOMIZED, DOUBLE-BLIND, PLACEBO CONTROLLED CECCY TRIAL

Silvia M. Ayub-Ferreira, Monica Avila, Sara Brandão, Fatima D. Cruz, Mauro Wanderley Jr., Vagner O. C. Rigaud, Ludhmila Hajjar, Roberto Kalil-Filho, Cecilia B. V. Cruz, Marco Stephan Alves, Guilherme V. Guimarães, Maria Abduch, Victor S. Issa, Marília Santos, Marcio Bittencourt, Edimar Alcides Bocchi, Heart Failure Department, Heart Institute (InCor) do HCFMUSP, São Paulo, Brazil

9:14 a.m.

Discussion

9:17 a.m.

TEMPORARY MECHANICAL CIRCULATORY SUPPORT USE IN TERTIARY CARDIAC INTENSIVE CARE UNITS BEFORE AND AFTER THE UNOS HEART TRANSPLANTATION ALLOCATION SYSTEM UPDATE: INSIGHTS FROM THE CRITICAL CARE CARDIOLOGY TRIALS NETWORK (CCCTN) REGISTRY  
Anubodh Varshney, David Berg, Erin Ann Bohula, Vivian M. Baird-Zars, Jason Katz, Sean Van Diepen, David A. Morrow, on behalf of the CCCTN Investigators, Brigham and Women's Hospital, Boston, MA, USA

9:27 a.m.

Discussion

**Interventional Cardiology - Scientific**

**Session #663**

**Aortic Valve Interventions: Clinical Dilemmas**

Sunday, March 29, 2020, 8:00 a.m. - 9:30 a.m.

Room S102c

CME Hours: 1.5 / CNE Hours:

Co-Chair: Tom C. Nguyen

Co-Chair: Steven J. Yakubov

Panelist: Marie-France Poulin

Panelist: Carlos E. Sanchez

Panelist: Susan Schnell

Panelist: Vinod H. Thourani

8:00 a.m.

How to Maximize the Area of a Small Annulus: My Techniques for Native and Bioprosthetic Valves

John Thomas Saxon

Kansas City, MO

8:07 a.m.

Panel Discussion With Audience Question and Answer

8:13 a.m.

Aortic Bioprosthetic Valve Durability: TAVR vs SAVR

Janarthanan Sathananthan

Auckland, New Zealand

8:20 a.m.

Panel Discussion With Audience Question and Answer

8:26 a.m.

Can Surgery Compete with TAVR for Hemodynamic Outcomes?

Kendra Janel Grubb

Atlanta, GA

8:33 a.m.

Panel Discussion With Audience Question and Answer

8:39 a.m.

AV Bioprosthesis Failure With Low Coronary Height: TAVR With BASILICA vs Redo SAVR



Toby Rogers  
Washington, DC

8:46 a.m.  
Panel Discussion With Audience Question and Answer

8:52 a.m.  
Severe LVOT Calcium: TAVR vs SAVR  
Anita W. Asgar  
Outremont, Canada

8:59 a.m.  
Panel Discussion With Audience Question and Answer

9:05 a.m.  
TAVR in PAD - What Are The Options?  
Marie-France Poulin  
Brookline, MA

9:12 a.m.  
Panel Discussion With Audience Question and Answer

9:18 a.m.  
Cerebral Embolic Protection is Needed! What Is on the Horizon?  
Susheel K. Kodali  
New York, NY

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

#### Interventional Cardiology - Scientific

##### Session #664

##### Using Physiology and Intravascular Imaging During CHIP PCI: Helpful or Wasteful?

Sunday, March 29, 2020, 8:00 a.m. - 9:30 a.m.

Room S104b

CME Hours: 1.5 / CNE Hours:

Co-Chair: Ziad Ali  
Co-Chair: Allen Jeremias  
Panelist: Akiko Maehara  
Panelist: Bruce A. Samuels  
Panelist: Arnold H. Seto  
Panelist: Andrew Sharp

8:00 a.m.  
Complex Bifurcation Disease - Physiology, Imaging, Both or Neither?  
Habib Samady  
Atlanta, GA

8:08 a.m.  
How to Distinguish Diffuse From Focal Disease by a Physiology Resting Index Pullback  
Sukhjinder S. Nijjer  
Northwood, United Kingdom

8:16 a.m.  
Panel Discussion With Audience Question and Answer

8:22 a.m.  
Case Demonstration: Step-by-Step OCT to Guide Complex PCI  
Richard A. Shlofmitz  
Roslyn, NY

8:30 a.m.  
Case Demonstration: Step-by-Step IVUS to Guide Complex PCI  
Kam-Tim Chan  
Hunghom, Kowloon, Hong Kong

8:38 a.m.  
Panel Discussion With Audience Question and Answer

8:44 a.m.  
The Calcium Conundrum: Best Strategies to Recognize And Deal With Severely Calcified Lesions  
Ziad Ali  
New York, NY

8:52 a.m.  
Best Imaging Strategies For CTO PCI - Cases, Tips And Tricks  
Dimitrios I. Karpaliotis  
New York, NY

9:00 a.m.  
Panel Discussion With Audience Question and Answer

9:06 a.m.  
It Ain't Over Until It's Over - The Role of Physiology to Assess The Post-PCI Result  
Allen Jeremias  
Roslyn, NY

9:14 a.m.  
Recognizing Stent Failure - Intracoronary Imaging to Determine The Causes of ISR  
Emile Mehanna  
King Of Prussia, PA

9:22 a.m.  
Panel Discussion With Audience Question and Answer

#### Interventional Cardiology - Oral Contributions

##### Session #903

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

Sunday, March 29, 2020, 8:00 a.m. - 9:30 a.m.

Room S103d

CME Hours: 1.5 / CNE Hours:

Co-Chair: Alexandra J. Lansky  
Co-Chair: Sunil V. Rao

8:00 a.m.  
Year in Review Speaker  
David J. Moliterno  
Lexington, KY

8:12 a.m.  
ONE MONTH DUAL ANTIPLATELET THERAPY IN HIGH BLEEDING RISK PATIENTS: PRIMARY RESULTS FROM THE ONYX ONE CLEAR STUDY  
Ajay J. Kirtane, David E. Kandzari, Roxana Mehran, Matthew J. Price, Daniel I. Simon, Azeem Latib, Elvin Kedhi, Alexandre Abizaid, Stephen Worthley, Azfar Zaman, Lisa Bousquette, Lilian Lee, Te-Hsin Lung, Stephan Windecker, Gregg W. Stone, Columbia University Irving Medical Center/New York-Presbyterian Hospital, New York, NY, USA

8:22 a.m.  
Discussion

8:35 a.m.  
Discussion

8:38 a.m.  
IMPACT OF TRICUSPID REGURGITATION ON OUTCOMES AFTER MITRACLIP TREATMENT OF SECONDARY MITRAL REGURGITATION: RESULTS FROM THE COAPT TRIAL



Rebecca Hahn, Federico M. Asch, Neil J. Weissman, Paul A. Grayburn, Saibal Kar, Kar, Scott Lim, Ori Ben-Yehuda, Bahira Shahim, Shmuel Chen, Mengdan Liu, Bjorn Redfors, Diego Medvedofsky, Rishi Puri, Samir Kapadia, Anna Sannino, JoAnn Lindenfeld, William Abraham, Michael Mack, Gregg Stone, Columbia University Irving Medical Center, New York, NY, USA, Cardiovascular Research Foundation, New York, NY, USA

8:48 a.m.  
Discussion

8:51 a.m.  
ASSOCIATION BETWEEN SHORT-TERM HEALTH STATUS CHANGES AND LONG-TERM CLINICAL OUTCOMES AFTER TRANSCATHETER MITRAL VALVE REPAIR VS. MEDICAL THERAPY IN PATIENTS WITH HEART FAILURE AND FUNCTIONAL MITRAL REGURGITATION: THE COAPT TRIAL

Suzanne V. Arnold, Gregg W. Stone, Michael Mack, Adnan Chhatriwalla, Bethany Austin, Zixuan Zhang, Ori Ben-Yehuda, Saibal Kar, Kar, Scott Lim, JoAnn Lindenfeld, William Abraham, David J. Cohen, St. Luke's Mid-American Heart Institute, University of Missouri-Kansas City School of Medicine, Kansas City, MO, USA, Cardiovascular Research Foundation, New York, NY, USA

9:01 a.m.  
Discussion

9:04 a.m.  
LEAFLET THICKENING OR IMMOBILITY IN TRANSCATHETER OR SURGICAL AORTIC VALVES: RESULTS FROM THE EVOLUT LOW RISK LTI SUBSTUDY  
Jonathon Leipsic, Philipp Blanke, Michael Reardon, G. Michael Deeb, Steven J. Yakubov, Jeffrey J. Popma, University of British Columbia, Vancouver, Canada

9:14 a.m.  
Discussion

9:27 a.m.  
Discussion

**Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Scientific Session #662**  
**Nonischemic Cardiomyopathy: When and How to Use CMR to Guide Diagnosis and Management**  
Sunday, March 29, 2020, 8:00 a.m. - 9:30 a.m.  
Room S502b  
CME Hours: 1.5 / CNE Hours:

Co-Chair: Amit R. Patel  
Co-Chair: Louise Thomson

8:00 a.m.  
Clinical Clues to Guide CMR Utilization in Nonischemic Cardiomyopathy  
Idan Roifman  
Toronto, Canada

8:10 a.m.  
Tissue Characterization: Who Needs a Biopsy When You Have CMR?  
Marianna Fontana  
London, United Kingdom

8:20 a.m.  
ICD Decision-Making For Primary And Secondary Prevention in NICM With CMR: More Than EF  
Wojciech Mazur  
Cincinnati, OH

8:30 a.m.  
The Thick Heart: CMR Evaluation

Dipan J. Shah  
Houston, TX

8:40 a.m.  
Individuals With Genetic Risk For NICM: When to Evaluate Phenotype With CMR  
Sanjay Prasad  
London, SW3 6NP, United Kingdom

8:50 a.m.  
Challenge Case Presentation  
Jeremy Slivnick  
Powell, OH

8:55 a.m.  
Question and Answer

**Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Core Knowledge in Action Session #802**  
**Core Knowledge in Action: Return to the Basics of Aortic Stenosis**  
Sunday, March 29, 2020, 8:00 a.m. - 9:30 a.m.  
Room S404d  
CME Hours: 1.5 / CNE Hours:

Chair: Laxmi S. Mehta

8:00 a.m.  
Understanding the Pathophysiology of Aortic Stenosis  
Patrick T. O'Gara  
Boston, MA

8:12 a.m.  
Making the Right Diagnosis with a Stethoscope  
Rick A. Nishimura  
Rochester, MN

8:24 a.m.  
Low Flow, Low Gradient Aortic Stenosis: When is it Severe?  
Vera H. Rigolin  
Chicago, IL

8:36 a.m.  
How and When to Use CT in Aortic Stenosis  
Stephan Achenbach  
Erlangen, Germany

8:48 a.m.  
Putting it All Together: Guidelines in the Management of Aortic Stenosis  
Catherine M. Otto  
Seattle, WA

9:00 a.m.  
Knowledge Check In via ARS  
Laxmi S. Mehta  
Powell, OH

9:05 a.m.  
Interactive Question and Answer Session With the Experts

Panelist: Stephan Achenbach  
Panelist: Rick A. Nishimura  
Panelist: Patrick T. O'Gara  
Panelist: Catherine M. Otto  
Panelist: Vera H. Rigolin



**Prevention - Scientific**

**Session #665**

**Harnessing Genomic and Biomarker Data to Deliver Precise Cardiovascular Preventive Care**

Sunday, March 29, 2020, 8:00 a.m. - 9:30 a.m.

Room S402b

CME Hours: 1.5 / CNE Hours:

Co-Chair: Seth Shay Martin

Co-Chair: Annabelle S. Volgman

8:00 a.m.

Case Presentation

Francoise Marvel

Baltimore, MD

8:05 a.m.

Genes And Randomization, Two Gifts From God. How Can Genomics Guide Clinical Trials in Cardiology?

Marc Steven Sabatine

Boston, MA

8:20 a.m.

The Future Is Now: What Is The Role of Genetic Testing For Monogenic Cardiac Diseases in Preventive Cardiology Today?

Joshua Knowles

Stanford, CA

8:35 a.m.

Hot Stuff: How Can Measurement of Inflammation Guide Precision in Today's Prevention Practice?

Erin Ann Bohula

Boston, MA

8:50 a.m.

Not so Little Anymore: How Lipoprotein(a) Is Emerging to The Forefront of Precision Prevention

Sotirios Tsimikas

La Jolla, CA

9:05 a.m.

Question and Answer

**Pulmonary Hypertension - Oral Contributions**

**Session #904**

**Highlighted Original Research: Pulmonary Hypertension and the Year in Review**

Sunday, March 29, 2020, 8:00 a.m. - 9:30 a.m.

Room S405b

CME Hours: 1.5 / CNE Hours:

Co-Chair: Michael A. Mathier

Co-Chair: Scott Visovatti

8:00 a.m.

Year in Review Speaker

Jean-Luc Vachier

Brussels, Belgium

8:12 a.m.

IMPACT OF ROUTINE USAGE OF THE DETECT SCORE ON DISEASE SEVERITY AT DIAGNOSIS OF SYSTEMIC SCLEROSIS ASSOCIATED PULMONARY ARTERIAL HYPERTENSION: A SINGLE TERTIARY REFERRAL CENTER EXPERIENCE

Goutham Karupiah, Emily Liu, Julian Neshewat, Amanda Wasserman, Susanne McDevitt, Victor Moles, Amber Young, Dinesh Khanna, Vallerie V. McLaughlin, University of Michigan Health System, Ann Arbor, MI, USA

8:22 a.m.

Discussion

8:25 a.m.

PLASMA METABOLITE PROFILES ARE ASSOCIATED WITH RIGHT VENTRICULAR DYSFUNCTION AND PROGNOSIS IN PULMONARY ARTERIAL HYPERTENSION  
Jonathan Neekon Hourmouzi, David D. Ralph, Stephanie J. Nolley, Sam Rayner, Sina A. Gharib, Peter Leary, University of Washington Medical Center, Seattle, WA, USA

8:35 a.m.

Discussion

8:38 a.m.

CHARACTERISTICS AND OUTCOMES OF PULMONARY HYPERTENSION IN PATIENTS UNDERGOING TRICUSPID VALVE REPAIR OR REPLACEMENT  
Mahima Vijayaraghavan, Kurt W. Prins, Sasha Z. Prisco, Ranjit John, Rochus Voeller, Andrew Shaffer, Stephen L. Archer, E. Kenneth Weir, Thenappan Thenappan, University of Minnesota, Minneapolis, MN, USA

8:48 a.m.

Discussion

8:51 a.m.

PROTEIN EXPRESSION PROFILING OF PULMONARY VEINS AND ARTERIES IN EXPERIMENTAL PULMONARY VENOUS HYPERTENSION AS A MODEL OF GROUP 2 PH

Ahmed Fayyaz, Michael Sabbah, Surendra Dasari, Leigh Griffiths, Sarah Jenkins, Barry Borlaug, William Edwards, Margaret M. Redfield, Mayo Clinic, Rochester, MN, USA

9:01 a.m.

Discussion

9:04 a.m.

INSPIRATORY MUSCLE TRAINING IMPROVES SIX-MINUTE WALK DISTANCE IN ADULTS WITH PULMONARY ARTERIAL HYPERTENSION

Derek Tran, Phillip Munoz, Edmund Lau, Jennifer Alison, Martin Brown, Yizhong Zheng, Patricia Corkery, Keith Wong, Steven Lindstrom, David Celermajer, Glen Davis, Rachael Cordina, Royal Prince Alfred Hospital, Camperdown, Australia, The University of Sydney, Camperdown, Australia

9:14 a.m.

Discussion

9:17 a.m.

EFFECTIVENESS AND SAFETY OF COMBINATION THERAPY WITH AMBRISENTAN AND TADALAFIL FOR THE TREATMENT OF PULMONARY ARTERIAL HYPERTENSION IN CHILDREN

Azadeh Issapour, Sarah Crook, Michelle Hite, Erika Berman Rosenzweig, Benjamin Frank, Dunbar Ivy, Usha Krishnan, Columbia University Medical Center, New York, NY, USA, Children's Hospital Colorado, Aurora, CO, USA

9:27 a.m.

Discussion

**Special - Special**

**Session #101**

**Coronary Artery Disease - Challenges in 2020: Cardiovascular Update For the Clinician I -- A Symposium by Valentin Fuster**

Sunday, March 29, 2020, 8:00 a.m. - 9:30 a.m.

Room S401a

CME Hours: 1.5 / CNE Hours:

Chair: Valentin Fuster

Panelist: Deepak L. Bhatt

Panelist: Priyank Khandelwal

Panelist: Roxana Mehran





8:00 a.m.

Noninvasive Imaging (2-3D US, CT, MRI, PET) and Genetics In The Progression of Subclinical Systemic Arterial Disease

Valentin Fuster  
New York, NY

8:20 a.m.

STEMI: PCI of the Culprit Lesion vs Complete Revascularization: With vs Without Cardiogenic Shock

Deepak L. Bhatt  
Newton, MA

8:40 a.m.

STEMI vs NSTEMI vs STABLE CAD - Optimal Antithrombotics: MAPT, DAPT, NOACs - In PCI Without vs With AF or VHD

Roxana Mehran  
New York, NY

9:00 a.m.

Acute Ischemic Stroke Without vs with Carotid Artery Stenosis: Two Entities with Novel Approaches

Priyank Khandelwal  
Newark, NJ

9:15 a.m.

Panel Discussion

**Special - Special  
Session #102**

**Anticoagulation Conundrums in Mechanical Circulatory Support:  
Pharmacology Session I**

Sunday, March 29, 2020, 8:00 a.m. - 9:30 a.m.

Room S403b

CME Hours: 1.5 / CNE Hours:

Co-Chair: William Dager

Co-Chair: Barbara S. Wiggins

8:00 a.m.

State of The Art Presentation: Review of Mechanical Assist Devices - ECMO, Impella, LVAD, RVAD

Ian Bruce Hollis  
Chapel Hill, NC

8:20 a.m.

State of The Art Presentation: Impact of MCS on The Coagulation Pathway - (Hemolysis, Hepatic Dysfunction, Factor Deficiency)

Tyler J. Gluckman  
Portland, OR

8:40 a.m.

State of The Art Presentation: Reviewing The Data on Optimal Monitoring (appt, Anti Xa, ACT). Role of TEG, Rotem

Douglas L. Jennings  
New York, NY

9:00 a.m.

Audience ARS Question for Case One

Tyler J. Gluckman  
Portland, OR

9:02 a.m.

Case Presentation One

Tyler J. Gluckman  
Portland, OR

9:10 a.m.

Audience ARS Question: ARS Question for Case Two

Douglas L. Jennings  
New York, NY

9:12 a.m.

Case Presentation 2 With ARS

Douglas L. Jennings  
New York, NY

9:20 a.m.

Question and Answer

**Special - Late-Breaking Clinical Trials**

**Session #405**

**Joint American College of Cardiology/New England Journal of  
Medicine Late-Breaking Clinical Trials**

Sunday, March 29, 2020, 8:00 a.m. - 9:15 a.m.

B1 North (Main Tent)

CME Hours: 1.5 / CNE Hours:

Chair: Andrew M. Kates

Co-Chair: John A. Jarcho

Panelist: Eugene Braunwald

Panelist: Mayra E. Guerrero

Panelist: Howard C. Herrmann

8:00 a.m.

Antithrombotic Therapy After Transcatheter Aortic Valve Implantation In Patients With A Long-term Indication For Oral Anticoagulation (POPular TAVI Trial - Cohort B)

Vincent Nijenhuis, Jorn Brouwer, Ronak Delewi, Rik S. Hermanides, Wouter Holvoet, Christophe Dubois, Peter Frambach, Bernard De Bruyne, Gert Van Houwelingen, Jan Van Der Heyden, Petr Toušek, F. van der Kley, Ian Buyschaert, Carl Schotborgh, Bert Ferdinande, Pim van der Harst, John Roosen, Arnoud van 't Hof, Dean Chan Pin Yin, Martin Swaans, Benno Rensing, Leo Timmers, Jan Baan, Pieter Stella, Jurrien M. Ten Berg, St. Antonius hospital, Nieuwegein, The Netherlands

8:10 a.m.

Panel Discussion

8:15 a.m.

Transcatheter Aortic Valve Replacement In Patients With Severe Bicuspid Aortic Valve Stenosis At Low Predicted Risk Of Mortality

Basel Ramlawi, John Forrest, G. Michael Deeb, Jeffrey Popma, Howard Song, Firas Zahr, Hector Michelena, Jian Huang, Michael Reardon, Valley Health System, Winchester, VA, USA

8:25 a.m.

Panel Discussion

8:30 a.m.

A Composite Metric For Benchmarking Site Performance In Transcatheter Aortic Valve Replacement: Results From The STS/ACC TVT Registry

Nimesh Desai, David Cohen, John Carroll, Sreekanth Vemulapalli, Sean O'Brien, John Forrest, Vinod Thourani, Ajay J. Kirtane, Brian O'Neill, Pratik Manandhar, David Shahian, Vinay Badhwar, Suzanne Arnold, Joseph Bavaria, Hospital of the University of Pennsylvania, Philadelphia, PA, USA

8:40 a.m.

Panel Discussion

8:45 a.m.

The United Kingdom Transcatheter Aortic Valve Implantation (UK TAVI) Trial

William D. Toff, The UK TAVI Trial Investigators, University of Leicester, Leicester, United Kingdom

8:55 a.m.

Panel Discussion



9:00 a.m.

Two-year Clinical And Echocardiographic Outcomes From The Partner 3 Low-risk Randomized Trial

Martin B. Leon, Michael J. Mack, PARTNER 3 Trial Executive Committee and Study Investigators, Columbia University Medical Center, New York, NY, USA, Baylor Scott & White Health, Plano, TX, USA

9:10 a.m.

Panel Discussion

#### Special - Events and Meetings

##### Session #5003

##### Fellowship Administrators in Cardiovascular Education and Training Meeting, Day 3

Sunday, March 29, 2020, 8:00 a.m. - 1:00 p.m.

Marriott Marquis Chicago, Great Lakes Ballroom A

CME Hours: / CNE Hours:

8:00 a.m.

##### Fellowship Administrators in Cardiovascular Education and Training Meeting, Day 3

#### Special - Special

##### Session #739

##### International NCDR & Centers of Excellence: The Value of International CV Quality

Sunday, March 29, 2020, 8:00 a.m. - 9:30 a.m.

Grand Ballroom S100c

CME Hours: 0 / CNE Hours:

Co-Chair: Ralph G. Brindis

Co-Chair: Sarah Catherine Clarke

8:00 a.m.

International CV Centers of Excellence and CV Quality

#### Valvular Heart Disease - Scientific

##### Session #666

##### When to Look and What to Do With Tricuspid Valve Disease

Sunday, March 29, 2020, 8:00 a.m. - 9:30 a.m.

Room S503b

CME Hours: 1.5 / CNE Hours:

Co-Chair: Steven F. Bolling

Co-Chair: Rebecca T. Hahn

Panelist: Hansie Marie Mathelier

Panelist: Steven F. Bolling

Panelist: Atif Qasim

Panelist: Grace Lin

Panelist: Jeffrey Samuel Arkles

Panelist: Satya Shreenivas

8:00 a.m.

Tricuspid Regurgitation Is Becoming Important Again. Here's Why

Hansie Marie Mathelier

Philadelphia, PA

8:10 a.m.

Tricuspid Regurgitation Is Becoming Important Again. Here's Why. Question and Answer

8:15 a.m.

Tricuspid Regurgitation: Getting The Most From The Echocardiogram

Atif Qasim

San Francisco, CA

8:20 a.m.

Tricuspid Regurgitation: Getting The Most From The Echocardiogram Question and Answer

8:25 a.m.

Too Early, Too Late, or Just Right? When to Tackle Tricuspid Regurgitation

Grace Lin

Rochester, MN

8:35 a.m.

Too Early, Too Late, or Just Right? When to Tackle Tricuspid Regurgitation. Question and Answer

8:40 a.m.

Pacemaker Associated Tricuspid Regurgitation. Pathophysiology, Management And Outcomes

Jeffrey Arkles

Lafayette Hill, PA

8:50 a.m.

Pacemaker Associated Tricuspid Regurgitation. Pathophysiology, Management And Outcomes. Question and Answer

8:55 a.m.

Tricuspid Regurgitation: Surgical Correction Works, It's Just Under-Utilized!

Steven F. Bolling

Ann Arbor, MI

9:05 a.m.

Tricuspid Regurgitation: Surgical Correction Works, It's Just Under-Utilized! Question and Answer

9:00 a.m.

Tricuspid Regurgitation: Where Percutaneous Approaches Stand

Satya Shreenivas

Cincinnati, OH

9:10 a.m.

Tricuspid Regurgitation: Where Percutaneous Approaches Stand. Question and Answer And Panel Discussion

#### Valvular Heart Disease - Scientific

##### Session #667

##### We Are the World: A Discussion on Valvular Heart Disease Care - A "Global Health Spoken Here" Session

Sunday, March 29, 2020, 8:00 a.m. - 9:30 a.m.

Grand Ballroom S100a

CME Hours: 1.5 / CNE Hours:

Co-Chair: Ana Olga Mocumbi

Co-Chair: Heba S. Wassif

Panelist: Magdi H. Yacoub

Panelist: Karen Sliwa

Panelist: Amam C. Mbakwem

Panelist: Dafsah Juzar

8:00 a.m.

The Global Burden of Valve Disease: ACC Talk

Gregory Roth

Seattle, WA

8:10 a.m.

Panel Discussion: Topic- The Global Burden of Valve Disease

8:20 a.m.

Use of Cardiac Ultrasound And Telemedicine For The Diagnosis of Valve Disease: ACC Talk

Antonio L. Ribeiro

Belo Horizonte, Brazil





8:30 a.m.

Panel Discussion: Topic- Use of Cardiac Ultrasound And Telemedicine For The Diagnosis of Valve Disease

8:40 a.m.

Research Priorities And Global Collaborations in Valve Disease Care: ACC Talk  
Harlan M. Krumholz  
New Haven, CT

8:50 a.m.

Panel Discussion: Topic- Research Priorities And Global Collaborations in Valve Disease Care

9:00 a.m.

Should The ACC/AHA Valve Guidelines Apply Universally?

Gene Kwan  
Boston, MA

9:10 a.m.

Panel Discussion: Topic - Should The Same Guidelines Apply Universally? Pro And Cons

9:20 a.m.

General: A Global Panel Discussion on Valve Disease Care With Sir Magdi Yacoub

#### Vascular Medicine - Oral Contributions

##### Session #906

##### Highlighted Original Research: Vascular Medicine and the Year in Review

Sunday, March 29, 2020, 8:00 a.m. - 9:30 a.m.

Room S103b

CME Hours: 1.5 / CNE Hours:

Co-Chair: Mark A. Creager

Co-Chair: Heather L. Gornik

8:00 a.m.

Year in Review Speaker

William R. Hiatt  
Aurora, CO

8:12 a.m.

PERFORMANCE OF A NOVEL GENETIC RISK SCORE TO IDENTIFY RISK OF VENOUS THROMBOEMBOLISM IN PATIENTS WITH CARDIOMETABOLIC DISEASE

Nicholas Marston, Giorgio Melloni, Yared Gurmu, Christina Lee, Frederick Kamanu, Carolina Roselli, Marc P. Bonaca, Ilaria Cavallari, Robert Giugliano, Benjamin M. Scirica, Deepak Bhatt, Philippe Gabriel Steg, Marc Cohen, Robert Storey, Terje Pedersen, Anthony C. Keech, Itamar Raz, Ofri Mosenzon, Eugene Braunwald, Steven Lubitz, Patrick T. Ellinor, Marc Sabatine, Christian T. Ruff, TIMI Study Group, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA, Broad Institute of MIT and Harvard, Boston, MA, USA

8:22 a.m.

Discussion

8:25 a.m.

EFFICACY AND SAFETY OF DABIGATRAN ETEXILATE VERSUS VITAMIN K ANTAGONIST FOR TREATMENT OF ACUTE VENOUS THROMBOEMBOLISM IN ROUTINE CLINICAL PRACTICE: RE-COVERY DVT/PE PROSPECTIVE GLOBAL COHORT STUDY

Samuel Goldhaber, Walter Ageno, Ivan Casella, Kok Han Chee, Sebastian Schellong, Daniel E. Singer, Isabelle Voccia, Wenbo Tang, Sam Schulman, Brigham and Women's Hospital and Harvard Medical School, Boston, MA, USA

8:35 a.m.

Discussion

8:38 a.m.

POLYVASCULAR DISEASE WITH AND WITHOUT DIABETES AND THE RISK OF ADVERSE CARDIOVASCULAR AND LIMB EVENTS IN THE EUCLID TRIAL  
Sean Behan, Cecilia C. Low Wang, Connie Hess, Hillary Mulder, Antonio Gutierrez, Francis Fowkes, Iris Baumgartner, Jeffrey Berger, Brian Katona, Kenneth Mahaffey, Lars Norgren, Juuso Blomster, Schuyler Jones, Manesh R. Patel, William R. Hiatt, Marc P. Bonaca, University of Colorado School of Medicine, Aurora, CO, USA, CPC Clinical Research, Aurora, CO, USA

8:48 a.m.

Discussion

8:51 a.m.

A KEY GWAS-IDENTIFIED GENETIC VARIANT CONTRIBUTES TO HYPERLIPIDEMIA BY UP-REGULATING A SPECIFIC MICRORNA MIR-320A  
Chen Chen, Hengzhi Du, Zhongwei Yin, Dao Wen Wang, Tongji Hospital, Wuhan, People's Republic of China

9:01 a.m.

Discussion

9:04 a.m.

THE PRESENCE OF EXTRACORONARY VASCULAR ABNORMALITIES IS ASSOCIATED WITH SPONTANEOUS CORONARY ARTERY DISSECTION RECURRENCE

Nowrin Haque, Arash Harzand, Esther Kim, Vanderbilt University Medical Center, Nashville, TN, USA

9:14 a.m.

Discussion

9:17 a.m.

ASSOCIATION BETWEEN REPERFUSION THERAPY AND OUTCOMES IN PATIENTS WITH ACUTE PULMONARY EMBOLISM AND RIGHT HEART THROMBI

Behnood Bikdeli, David Jimenez, Alfonso Muriel, Deisy Barrios, Aitor Ballaz, Peter Verhamme, Manuel Monreal, Columbia University Medical Center/ New York-Presbyterian Hospital, New York, NY, USA, Respiratory Department, Hospital Ramón y Cajal, Universidad de Alcala (IRYCIS), Madrid, Spain

9:27 a.m.

Discussion

#### Special - Special

##### Session #1506

##### Basic Echo For the Cardiovascular Team: Didactic

Sunday, March 29, 2020, 9:00 a.m. - 9:30 a.m.

Personalized Skills Center Theatre - Lounge & Learn, Hall B  
CME Hours: 0.5 / CNE Hours:

Co-Chair: Michael J. Barrett

9:00 a.m.

Basic Echo For The Cardiovascular Team: Didactic  
Kathy S. Attieh  
Bethlehem, PA

9:00 a.m.

Basic Echo For The Cardiovascular Team: Didactic  
Juliette Power  
Minneapolis, MN



**Special - Hands-on Skills Learning**

**Session #1507**

**Personalized Skills Center: Heart Songs Meets Hand-Held Echo**

Sunday, March 29, 2020, 9:00 a.m. - 5:00 p.m.

Personalized Skills Center, Heart Songs Learning Lab - Lounge & Learn, Hall B

CME Hours: 4 / CNE Hours:

9:00 a.m.

Heart Songs Moderator

Michael J. Barrett

Blue Bell, PA

9:00 a.m.

Heart Songs Moderator

Adrian C. Bell

Lititz, PA

12:00 p.m.

Heart Songs Moderator

Mario Caruso

Allentown, PA

12:00 p.m.

Heart Songs Moderator

Garima Sharma

Baltimore, MD

3:00 p.m.

Heart Songs Moderator

Larry E. Jacobs

Orefield, PA

**Special - Hands-on Skills Learning**

**Session #1508**

**Learn by Doing: Immersive Simulation Experiences in Cardiac-OB, Valvular Disease and Syncope Management**

Sunday, March 29, 2020, 9:00 a.m. - 11:30 a.m.

Personalized Skills Center Simulation Station - Lounge & Learn, Hall B

CME Hours: 2.5 / CNE Hours:

9:00 a.m.

Faculty: Immersive Simulation Experiences

Prashant D. Bhave

Winston-Salem, NC

9:00 a.m.

Faculty: Immersive Simulation Experiences

Margaret T. Bowers

Durham, NC

9:00 a.m.

Faculty: Immersive Simulation Experiences

James C. Coons

Pittsburgh, PA

9:00 a.m.

Faculty: Immersive Simulation Experiences

Laura Davidson

Chicago, IL

9:00 a.m.

Faculty: Immersive Simulation Experiences

Sohah Iqbal

New York, NY

9:00 a.m.

Faculty: Immersive Simulation Experiences

Jason Linefsky

Decatur, GA

9:00 a.m.

Faculty: Immersive Simulation Experiences

Matthew W. Martinez

Morristown, NJ

9:00 a.m.

Faculty: Immersive Simulation Experiences

Jerold L. Saef

Grand Junction, CO

9:00 a.m.

Faculty: Immersive Simulation Experiences

Daniel R. Schimmel

Chicago, IL

9:00 a.m.

Faculty: Immersive Simulation Experiences

Keri M. Shafer

Boston, MA

9:00 a.m.

Faculty: Immersive Simulation Experiences

Michael T. Spooner

Norfolk, VA

9:00 a.m.

Faculty: Immersive Simulation Experiences

Ada C. Stefanescu Schmidt

Boston, MA

9:00 a.m.

Faculty: Immersive Simulation Experiences

Michele Toussaint

Los Gatos, CA

9:00 a.m.

Faculty: Immersive Simulation Experiences

Katherine Elena Economy

Boston, MA

9:00 a.m.

Faculty: Immersive Simulation Experiences

Colleen J. Johnson

New Orleans, LA

9:00 a.m.

Faculty: Immersive Simulation Experiences

Nilay S. Shah

Chicago, IL

9:00 a.m.

Faculty: Immersive Simulation Experiences

Sharon Shen

Nashville, TN

9:00 a.m.

Faculty: Immersive Simulation Experiences

Neel Patel

Winston Salem, NC

9:00 a.m.

Faculty: Immersive Simulation Experiences

Claire Boccia Liang

Morristown, NJ



9:00 a.m.

Faculty: Immersive Simulation Experiences

Theresa A. Strzelczyk

Chicago, IL

**Acute and Stable Ischemic Heart Disease - Poster Contributions  
Session #1266**

**Acute and Stable Ischemic Heart Disease: Clinical 4**

Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

**142 - HOME-TIME AFTER DISCHARGE AMONG PATIENTS WITH TYPE 2 MYOCARDIAL INFARCTION**

Cian P. McCarthy, Sean Murphy, Saad Rehman, Maeve Jones-O'Connor, David Olshan, Joshua Cohen, Avinainder Singh, Jinghan Cui, Muthiah Vaduganathan, James Januzzi, Jason H. Wasfy, Massachusetts General Hospital, Boston, MA, USA

**143 - RISK PROFILE AND LONG-TERM PROGNOSIS OF PATIENTS WITH PREMATURE CORONARY ARTERY DISEASE**

Michel Zeitouni, Robert Clare, Karen Chiswell, Jawan Abdulrahim, Svati Shah, Matthew Roe, Manesh R. Patel, W. Schuyler Jones, Duke Clinical Research Institute, Durham, NC, USA, Durham, NC

**144 - HEART FAILURE EVENTS AFTER TYPE 2 MYOCARDIAL INFARCTION**

Cian P. McCarthy, Sean Murphy, Saad Rehman, Maeve Jones-O'Connor, David Olshan, Joshua Cohen, Jinghan Cui, Avinainder Singh, Muthiah Vaduganathan, James Januzzi, Jason H. Wasfy, Massachusetts General Hospital, Boston, MA, USA

**145 - THE INTERACTION OF DESPHOSPHO-UNCARBOXYLATED MATRIX GLA PROTEIN AND GROWTH DIFFERENTIATION FACTOR 15 IN TERMS OF ADDITIVE RISK OF STABLE CORONARY HEART DISEASE PATIENTS**

Otto Mayer, Jitka Seidlerova, Jan Bruthans, Julius Gelžinský, Radek Kučera, Charles University, Pilsen, Czech Republic, Thomayer Hospital, Prague, Czech Republic

**146 - SAFETY OF EVALUATING FOR ACUTE CORONARY SYNDROME IN THE EMERGENCY DEPARTMENT USING A MODIFIED HEART SCORE**

Anh Do, Ryhm Radjef, Lindsey Aurora, Aditya Singh, Adam Tawney, David Kraus, Gordon Jacobsen, James McCord, Henry Ford Hospital, Detroit, MI, USA

**147 - RATE, CAUSES AND PREDICTORS OF 30-DAY READMISSIONS FOLLOWING CORONARY ARTERY BYPASS GRAFTING IN THE UNITED STATES**

Jayakumar Sreenivasan, Urvashi Hooda, Wilbert S. Aronow, David Spielvogel, Howard A. Cooper, Steven Lansman, Julio Panza, Westchester Medical Center, Valhalla, NY, USA

**148 - PROGNOSTIC VALUE OF HEART-TYPE FATTY ACID BINDING PROTEIN COMPARED TO TROPONIN I IN PATIENTS WITH STABLE CORONARY ARTERY DISEASE: A LARGE COHORT WITH LONG-TERM FOLLOW-UP STUDY**

Hui-Wen Zhang, Jing-Lu Jin, Ye-Xuan Cao, Hui-Hui Liu, Yuan-Lin Guo, Na-Qiong Wu, Cheng-Gang Zhu, Ying Gao, Rui-Xia Xu, Qian Dong, Jing Sun, Jian-Jun Li, Fu Wai Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, People's Republic of China

**149 - IMPACT OF RESIDUAL CHOLESTEROL ON PROGNOSIS IN CORONARY ARTERY DISEASE PATIENTS UNDER DIFFERENT GLUCOSE METABOLISM STATUS**

Ye-Xuan Cao, Jing-Lu Jin, Hui-Wen Zhang, Hui-Hui Liu, Yuan-Lin Guo, Na-Qiong Wu, Rui-Xia Xu, Cheng-Gang Zhu, Ying Gao, Qian Dong, Jing Sun, Chuan-Jue Cui, Jian-Jun Li, Fu Wai Hospital, Beijing, People's Republic of China

**150 - LIPOPROTEIN (A) AND CARDIOVASCULAR MORTALITY IN OLDEST OLD ( $\geq 80$  YEARS) PATIENTS WITH ACUTE MYOCARDIAL INFARCTION: A OBSERVATIONAL STUDY ON 1008 CASES**

Meng Zhang, Jing-Lu Jin, Xiao-Ni Yan, Qian Dong, Ye-Xuan Cao, Hui-Hui Liu, Jian-Jun Li, Fu Wai Hospital, Beijing, People's Republic of China

**151 - THE PROGNOSTIC VALUE OF COMBINING NEW BIOMARKERS FOR REMOTE CARDIOVASCULAR ENDPOINTS RISK STRATIFICATION IN PATIENTS WITH ST-ELEVATION MYOCARDIAL INFARCTION**

Naufal Zagidullin, Aysilu Hamitova, Lakman Irina, Krioni Ilja, Gareeva Diana, Zulkarneev Rustem, Tulbaev Eduard, Bashkir State Medical University, Ufa, Russian Federation, Ufa State Airplane Technical University, Ufa, Russian Federation

**162 - IN-HOSPITAL ACUTE ISCHEMIC STROKE FOLLOWING ST-ELEVATION MYOCARDIAL INFARCTION**

Aiham Albaeni, Ché Matthew Harris, Hesham Nasser, Sirhley Sifontes, Sai Guduru, Khalid Abusaada, Khaled Chatila, Syed Gilani, Wissam I. Khalife, University of Texas Medical branch, Galveston, TX, USA

**163 - EFFECTS OF SOCIAL DETERMINANTS OF HEALTH ON CLINICAL OUTCOMES AFTER STEMI: THE LOMA LINDA EXPERIENCE**

Michael Lawrenz Co, Yong Ji, Andrew Hong, Anthony A. Hilliard, Loma Linda University Medical Center, Loma Linda, CA, USA

**164 - PATIENT WITH SYSTEMIC LUPUS ERYTHEMATOSUS HAVE A HIGH PREVALENCE OF CORONARY MICROVASCULAR DYSFUNCTION IN THE ABSENCE OF OBSTRUCTIVE CORONARY ARTERY DISEASE**

Brittany Weber, Emma Stevens, Corine Sinnette, Jenifer Brown, Sanjay Divakaran, Courtney Bibbo, Jon Hainer, Josh Klein, Viviany R. Taqueti, Sharmila Dorbala, Ron Blankstein, Elena Massarotti, Karen Costenbader, Marcelo Di Carli, Brigham and Women's Hospital, Boston, MA, USA

**165 - A META-ANALYSIS OF SHORT-TERM CASE-FATALITY RATE AMONG WHITE AND BLACK WOMEN WITH ACUTE CORONARY SYNDROMES**

Sabin Filimon, Hanh Nguyen, Robert Joel Goldberg, Lars Wallentin, Jiayi Ni, Cristina Pop, Elena Guadano, Daniel A. Jones, Rathod Krishnaraj, Chiara Betoncello, Corina Grey, Jorge Yarzebski, Lu Hou Tee, Shamanna Iyengar, Khalid AlHabib, Joanna Bryan, Abdulhalim Kinsara, Cohen Gali, Yariv Gerber, Ayman Hammoudeh, Genovefa Kolovou, Shao-Li Wang, John A. Spertus, Thao Huynh, McGill University, Montreal, Canada

**166 - TEMPORAL TRENDS IN MECHANICAL CIRCULATORY SUPPORT USE AND DOOR-TO-UNLOADING TIME IN A STEMI POPULATION OVER NEARLY A DECADE**

Michael Brener, Hannah Rosenblum, Lauren Sharan Ranard, Amirali Masoumi, Justin Fried, Sorin J. Brener, Megha Prasad, Yousif Ahmad, Dimitrios Karpaliotis, Ajay J. Kirtane, Leroy Rabbani, Arthur R. Garan, NewYork Presbyterian-Columbia University Medical Center, New York, NY, USA

**167 - INCIDENCE OF ACUTE MYOCARDIAL INFARCTION AND HURRICANE KATRINA: THIRTEEN YEARS AFTER THE STORM**

Asaad Nakhle, Ali Ayoub, Rogin Subedi, Muhammad Panhwar, Deepa Sangani, Michael Razavi, Harsh Rawal, Daniel Harrison, Matthew Quan, Matt Kogan, Sudesh Srivastav, Anand Irmpen, Tulane University Medical Center, New Orleans, LA, USA, Southeast Louisiana Veterans Health Care System, New Orleans, LA, USA

**168 - INCIDENCE, PREDICTORS AND OUTCOMES OF POSTOPERATIVE DELIRIUM FOLLOWING CORONARY ARTERY BYPASS GRAFTING**

Yifeng Yang, Baoqiong Liu, Tiantian Shi, St. Vincent's Medical Center, Bridgeport, CT, USA

**169 - PROGNOSTIC ACCURACY OF HEART SCORE IN PREDICTING MAJOR ADVERSE CARDIAC EVENTS IN 30, 90 AND 120 DAYS IN PATIENTS**



PRESENTING TO THE EMERGENCY DEPARTMENT WITH CHEST PAIN IN A COMMUNITY HEALTH SYSTEM

Luis Alonso Hernandez Mejia, Anmary Fernandez Betances, Manojna Nimmagadda, Sumit Sohal, Ruchie Bhattarai, Diana Miranda Ruiz, Luis Galindez, Chukwudumebi Okafor, Beulah Jyothy Koduru, Carlos Marin Ramirez, Karen O' Connor Perla, Ramon Checo, Dhiran Verguese, Amita Health Saint Joseph Hospital Chicago, Chicago, IL, USA

170 - PROGNOSTIC IMPACT OF INTRAPLAQUE HEMORRHAGE WITH CHOLESTEROL CRYSTALS IN NON-CULPRIT LESIONS ASSESSED BY OPTICAL COHERENCE TOMOGRAPHY

Eisuke Usui, Gary Mintz, Tetsumin Lee, Mitsuaki Matsumura, Masahiro Hada, Masao Yamaguchi, Masahiro Hoshino, Yoshihisa Kanaji, Tomoyo Sugiyama, Tadashi Murai, Taishi Yonetsu, Tsunekazu Kakuta, Akiko Maehara, Cardiovascular Research Foundation, New York, NY, USA, Tsuchiura Kyodo General Hospital, Tschiura, Japan

171 - OXYLIPINS PREDICT PRESENCE AND EXTENT OF OBSTRUCTIVE CORONARY ARTERY DISEASE

Elizabeth Le, Manuel Garcia-Jaramillo, Armando Alcazar Magana, Diana Rinkevich, Yan Zhao, Igor V. Dykan, Donald B. Jump, Claudia S. Maier, Gerd Bobe, Timothy Simpson, Nabil J. Alkayed, Sanjiv Kaul, Oregon Health and Science University, Portland, OR, USA, Oregon State University, Corvallis, OR, USA

182 - LOW LEVEL OF HIGH SENSITIVITY C-REACTIVE PROTEIN AFTER PERCUTANEOUS CORONARY INTERVENTION PREDICTS RISK OF DEATH IN PATIENTS WITH MYOCARDIAL INFARCTION

Runzhen Chen, Chen Liu, Peng Zhou, Yu Tan, Sheng Zhaoxue, Jiannan Li, Jinying Zhou, Song Li, Hanjun Zhao, Hongbing Yan, Fuwai Hospital, National Center for Cardiovascular Diseases, Peking Union Medical College and Chinese, Beijing, People's Republic of China

183 - THIRTY-DAY READMISSIONS AFTER ACUTE MYOCARDIAL INFARCTION IN MEDICARE PATIENTS AT AN URBAN QUATERNARY CARE CENTER

Jessica Mao, Jie Ding, Curtis Leung, Pranothi Hiremath, Seth Shay Martin, The Johns Hopkins Hospital, Baltimore, MD, USA

184 - HEART-TYPE FATTY ACID BINDING PROTEIN RATHER THAN TROPONIN I ASSOCIATES WITH INCREASED RISK OF MYOCARDIAL INJURY AND ADVERSE EVENTS IN PATIENTS RECEIVING ELECTIVE PERCUTANEOUS CORONARY INTERVENTION

Hui-Wen Zhang, Jing-Lu Jin, Ye-Xuan Cao, Hui-Hui Liu, Yuan-Lin Guo, Na-Qiong Wu, Cheng-Gang Zhu, Ying Gao, Rui-Xia Xu, Qian Dong, Jing Sun, Jian-Jun Li, Fu Wai Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, People's Republic of China

#### Acute and Stable Ischemic Heart Disease - Poster Contributions Session #1267

##### Acute and Stable Ischemic Heart Disease: Basic 4

Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

185 - PATHOLOGY OF CORONARY ARTERY AFTER THIRD-GENERATION DRUG-ELUTING STENT IMPLANTATION IN ATHEROSCLEROTIC PORCINE MODEL AND HUMAN AUTOPSY CASES

Suguru Migita, Daisuke Kitano, Yuxin Li, Sayaka Yamada, Kumiko Asakura, Toshio Mukaiyama, Akira Onishi, Daiichiro Fuchimoto, Shunichi Suzuki, Yoshiyuki Nakamura, Yasuo Okumura, Hiroyuki Hao, Nihon University School of Medicine, Tokyo, Japan

186 - MOLECULAR MARKERS OF SURVIVAL TO ADVANCED AGE WITH CARDIOVASCULAR DISEASE: RESULTS FROM THE MURDOCK STUDY

Angela Lowenstern, Richa Gupta, Maulikumar Patel, Thomas Granger, Douglas Wixted, Karen Alexander, Deepak Kumar, L. Kristin Newby, Duke

Clinical Research Institute, Durham, NC, USA, North Carolina Central University, Durham, NC, USA

187 - EXPRESSION OF ECM COMPONENTS IN THE LEFT VENTRICLE AT THE ANASTOMOSES SITE OF SWINE CABG MODEL

Victor Chalfant, Finosh G. Thankam, Devendra K. Agrawal, Creighton University School of Medicine, Omaha, NE, USA

189 - REGIONAL VARIATION IN INCIDENCE AND OUTCOMES OF PATIENTS ADMITTED WITH ACUTE CORONARY SYNDROME: INSIGHT FROM THE NATIONAL INPATIENT SAMPLE

Hassan Khalil, Adebayo Christian Atanda, Oluwafunmilayo Atanda, Andrew D. Choi, George Washington University Hospital, Washington, DC, USA

190 - LIPOPROTEIN-ASSOCIATED PHOSPHOLIPASE A2 LEVELS, ENDOTHELIAL DYSFUNCTION AND ARTERIAL STIFFNESS IN PATIENTS WITH STABLE CORONARY ARTERY DISEASE LIPOPROTEIN-ASSOCIATED PHOSPHOLIPASE A2 LEVELS, ENDOTHELIAL DYSFUNCTION AND ARTERIAL STIFFNESS IN PATIENTS WITH STABLE CORONARY ARTERY DISEASE

Evangelos Oikonomou, Konstantinos Mourouzis, Gerasimos Siasos, Marina Zoromitidou, Vicky Tsigkou, Evanthia Bletsas, Vasiliki Chara Mystakidi, Athina Goliopoulou, Paraskevi Papanikolaou, Panagiota Stampouloglou, Manolis Vavuranakis, Dimitris Tousoulis, Department of Cardiology, Hippokraton Hospital, Athens, Greece

191 - THE EFFECT OF VITAMIN D NORMALIZATION IN U.S. VETERANS

Prakash Acharya, Sagar Ranka, Prince Sethi, Olurinde Oni, Rajat S. Barua, Kansas City VA Medical Center, Kansas City, MO, USA, University of Kansas Medical Center, Kansas City, KS, USA

#### Arrhythmias and Clinical EP - Poster Contributions Session #1271

##### Arrhythmias and Clinical EP: Other 4

Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

227 - PATENT FORAMEN OVALE SHUNT DIRECTION PREDICTS STROKE OUTCOME IN PATIENTS WITH NON-VALVULAR ATRIAL FIBRILLATION

Rowlens Melduni, Bernard J. Gersh, Waldemar E. Wysokinski, Zhenzhen Wang, Eddie L. Greene, Jae K. Oh, Hon-Chi Lee, Mayo Clinic, Rochester, MN, USA

228 - MEXILETINE: A TREATMENT FOR ALL CAUSE ACQUIRED QT INTERVAL PROLONGATION

Muhammad Shakir, Jacob Reiss, Meghan Buckley, William Surkis, Gan-Xin Yan, Lankenau Medical Center, Wynnewood, PA, USA

229 - IMPACT OF LIVER TRANSPLANTATION ON QT-INTERVAL IN PATIENTS WITH CIRRHOSIS

Anoop Ninan Koshy, Jefferson Ko, Omar Farouque, Hui-Chen Han, Han S. Lim, Benjamin Cailles, Paul J. Gow, Laurence Weinberg, Adam Testro, Andrew Teh, Austin Health, Melbourne, Australia

230 - OUTCOMES OF ATRIAL FIBRILLATION ABLATION IN PATIENTS WITH HYPERTROPHIC CARDIOMYOPATHY: A SYSTEMATIC REVIEW AND META-ANALYSIS

Jorge Penalver, Veraprasas Kittipibul, Amanda Fernandes, Gilson Fernandes, Michael Dyal, University of Miami, Miami, FL, USA

231 - CT EVALUATION OF THE LEFT ATRIAL POSTERIOR WALL AND POSTOPERATIVE ATRIAL ARRHYTHMIAS FOLLOWING ABLATION

Pankaj Malhotra, Xin Zhang, Edris Aman, Michael Kadoch, Uma Srivatsa, UC Davis Medical Center, Sacramento, CA, USA

232 - TEMPORAL TREND IN ATRIAL FIBRILLATION AND ATRIAL FLUTTER ASSOCIATED MORTALITY IN THE UNITED STATES (1999-2017)



Haider Al Taii, Ramez Morcos, Luis Mora, Ben Ravaee, Priya Bansal, Mark Freher, Houman Khalili, Eric Lieberman, Brijeshwar Maini, Yoel Vivas, Florida Atlantic University, Boca Raton, FL, USA

233 - RATE VERSUS RHYTHM CONTROL OF ATRIAL FIBRILLATION AFTER CARDIAC SURGERY IN PATIENTS WITH HEART FAILURE

Eunice Yang, David Spragg, Steven P. Schulman, Glenn Whitman, Thomas S. Metkus, JR, Johns Hopkins Hospital, Baltimore, MD, USA

234 - LONG TERM RISK OF STROKE IN PATIENTS WITH NEW POST-OPERATIVE ATRIAL FIBRILLATION AFTER LIVER TRANSPLANTATION

Anees Enayati, Anoop Koshy, H. M. Omar Farouque, Paul J. Gow, Hui-Chen Han, Benjamin Cailles, Laurence Weinberg, Adam Testro, Han Lim, Andrew W. Teh, Austin Health, Melbourne, Australia

236 - TRENDS OF REPRESENTATION OF WOMEN AND OLDER PATIENTS IN CLINICAL TRIALS OF STROKE PREVENTION IN ATRIAL FIBRILLATION: A SYSTEMATIC REVIEW

Muhammad Z. Khan, Muhammad Khan, Ahmad Naeem Lone, Shahul Valavoor, Safi Khan, West Virginia University, Morgantown, WV, USA

237 - LONG-TERM INCIDENCE OF THROMBOEMBOLISM AND MAJOR BLEEDING IN PATIENTS WHO UNDERWENT CATHETER ABLATION FOR ATRIAL FIBRILLATION: JACRE-EX REGISTRY

Koichi Inoue, Koichiro Kumagai, Keizo Hirao, Masaomi Kimura, Yasushi Miyauchi, Eiki Tushima, Mitsuru Ohishi, Masahiro Yasaka, Hirotsuke Yamaji, Keisuke Ohkawa, Manabu Fujimoto, Itsuro Morishima, Takanao Mine, Wataru Shimizu, Masatsugu Ohe, Ken Okumura, Sakurabashi Watanabe Hospital, Osaka, Japan

238 - THE USE OF INTRACARDIAC ECHOCARDIOGRAPHY DURING ATRIAL FIBRILLATION ABLATION AND ITS IMPACT ON OUTCOMES: A 14-YEAR ANALYSIS (2001-2014)

Ameesh Isath, Deepak Padmanabhan, Stuthi Perimbeti, Ashish Correa, Bharat Narasimhan, Anwar Chahal, Shenthur Jayaprakash, Samuel Asirvatham, Davendra Mehta, Mount Sinai St. Luke's, New York, NY, USA

239 - HALF OF VETERANS OVER 80 YEARS OF AGE WITH IMPLANTABLE CARDIOVERTER-DEFIBRILLATORS WHO ARE FRAIL OR COGNITIVELY IMPAIRED DO NOT HAVE AN ADVANCE DIRECTIVE FOR LIFE SUSTAINING TREATMENT

Warren Backman, Michael V. Dicaro, Jane A. Driver, Adelqui Peralta, Ariela R. Orkaby, Veterans Affairs Boston Healthcare System, Boston, MA, USA, Boston University School of Medicine, Boston, MA, USA

240 - OUTCOMES AFTER SURGICAL EXCISION OF THE LEFT ATRIAL APPENDAGE WITH OR WITHOUT ANTICOAGULATION

Jeffrey L. Anderson, Benjamin Davies Horne, John R. Doty, Kent W. Jones, Tami Bair, Heidi May, J. Brent Muhlestein, Kirk Knowlton, Intermountain Medical Center, Salt Lake City, UT, USA, University of Utah, Salt Lake City, UT, USA

235 - ASSOCIATIONS OF INDIVIDUAL PLASMA NON-ESTERIFIED FATTY ACIDS WITH INCIDENT ATRIAL FIBRILLATION IN OLDER ADULTS: THE CARDIOVASCULAR HEALTH STUDY

Cara Pellegrini, Jorge Kizer, Petra Buzkova, Nirupa Matthan, Alice Lichtenstein, David Siscovick, Joachim Ix, Susan R. Heckbert, Kenneth Mukamal, Luc Djousse, San Francisco VA, San Francisco, CA, USA, Brigham and Women's Hospital, Boston, MA, USA

#### Arrhythmias and Clinical EP - Poster Contributions Session #1272

##### Arrhythmias and Clinical EP: Basic 4

Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

241 - DURABILITY OF TREATMENT WITH ANTIARRHYTHMIC DRUGS FOR NEW-ONSET ATRIAL FIBRILLATION IN A NATIONWIDE POPULATION UNDER AGE 65

Robert D'Angelo, Motiur Rahman, Rahul Khanna, Robert W. Yeh, Laura Goldstein, Iftekhar Kalsekar, Stephen Marcello, Patricia Tung, Peter J. Zimetbaum, Beth Israel Deaconess Medical Center, Boston, MA, USA, Harvard Medical School, Boston, MA, USA

242 - JTC PROLONGATION PROVIDES ADDITIONAL PROGNOSTIC INFORMATION FOR LIFE THREATENING ARRHYTHMIAS IN PATIENTS WITH QRS PROLONGATION

Mohsin Khan, Ana Cristina Perez Moreno, M. Eyman Mortada, Mohamed Djelmami-Hani, Atul Bhatia, Jodi Zilinski, Vikram Nangia, Ryan Cooley, Anwer Dhala, Imran Niazi, Jasbir Sra, Arshad Jahangir, Aurora Cardiovascular and Thoracic Services, Aurora St. Luke's/Aurora Sinai Medical Centers, Milwaukee, WI, USA

243 - ALGORITHM FOR CAVO-TRICUSPID-ISTHMUS FLUTTER ON SURFACE ECGS: THE ACTIONS STUDY

Deanna Gill, Daniel Frisch, Eitan Frankel, Jad Al-Danaf, Thomas Jefferson University Hospital, Philadelphia, PA, USA

244 - CIRCULATING EXTRA-CELLULAR RNAs AND ATRIAL FIBRILLATION: DATA FROM THE TRACE-CORE COHORT

Khanh-Van Tran, Kahraman Tanriverdi, Darleen Lessard, Gerard P. Aurigemma, Catarina Kiefe, Jane Freedman, David McManus, University of Massachusetts Medical School, Worcester, MA, USA

#### Arrhythmias and Clinical EP - Poster Contributions Session #1273

##### Arrhythmias and Clinical EP: Supraventricular/ Ventricular Arrhythmias 4

Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

245 - INCREASED RISK OF ADVERSE CARDIOVASCULAR EVENTS ASSOCIATED WITH IBRUTINIB USE IN CHRONIC LYMPHOCYTIC LEUKEMIA: A PROPENSITY-MATCHED POPULATION-BASED COHORT STUDY

Nasruddin Sabrie, Darryl Leong, Anca Prica, Peter Austin, Andrea Pang, Jiming Fang, Oscar Calvillo-Arguelles, Douglas Lee, Paaladinesh Thavendiranathan, Husam Mohamed Abdel-Qadir, Women's College Hospital, Toronto, Canada, University of Toronto, Toronto, Canada

246 - UTILITY OF 14 DAY AMBULATORY ECG IN THE DIAGNOSIS OF ATRIAL FIBRILLATION FOLLOWING CRYPTOGENIC STROKE

Martin E. Matsumura, Hrushik Amin, Yasser Khalil, Faiz Subzposh, Bryan Martin, Geisinger Health System, Wilkes Barre, PA, USA

247 - WARFARIN TIME IN THERAPEUTIC RANGE TRAJECTORIES IN POTENTIAL SWITCHERS TO DIRECT ORAL ANTICOAGULANTS

Krishna Pundi, Alexander Perino, Jun Fan, Susan Schmitt, Mitra Kothari, Karolina Szummer, Mariam Askari, Paul A. Heidenreich, Mintu Turakhia, Stanford University, Stanford, CA, USA

248 - ATRIAL ARRHYTHMIAS AND INPATIENT MORTALITY IN TAKOTSUBO CARDIOMYOPATHY

Maria Pia Del Corral, Pedro Covas, Giovanni Malanchini, Università degli Studi di Milano, Milano, Italy, The George Washington University, Washington, DC, USA





249 - LEFT ATRIAL FUNCTION PREDICTS ATRIAL FIBRILLATION RECURRENCE AFTER CATHETER ABLATION

Lane Zhang, Mikhail Torosoff, Evan Adelstein, David Steckman, Albany Medical Center, Albany, NY, USA

250 - ROLE OF CARDIAC SYMPATHETIC DENERVATION IN VENTRICULAR TACHYCARDIA: A META-ANALYSIS

Ghulam Murtaza, Sharan Sharma, Krishna Akella, Domenico Della Rocca, Donita Atkins, Dhanunjaya R. Lakkireddy, Rakesh Gopinathannair, Kansas City Heart Rhythm Institute & Research Foundation, Overland Park, KS, USA

251 - DELAYED VERSUS EARLY CARIOVERSION FOR PATIENTS WITH UNCOMPLICATED ATRIAL FIBRILLATION META-ANALYSIS

Omar Kousa, Muhammad Ahsan, Abdallah Qasim, Arslan Ahmed, Toufik Mahfood Haddad, Michael Kim, Creighton University, Omaha, NE, USA

252 - IMPACT OF RATE VERSUS RHYTHM CONTROL STRATEGY IN PATIENTS WITH ATRIAL FIBRILLATION AND ABNORMAL MYOCARDIAL CONTRACTION FRACTION ON ALL-CAUSE MORTALITY: A SECONDARY ANALYSIS OF THE AFFIRM TRIAL

Stephen Matthews, Lubin Deng, Michael Rosenberg, Ryan Aleong, University of Colorado - Anschutz Medical Campus, Denver, CO, USA, Rocky Mountain Regional VA Medical Center, Denver, CO, USA

253 - DIAGNOSTIC ACCURACY OF ATRIAL FIBRILLATION BY COMPUTERIZED ELECTROCARDIOGRAM ANALYSIS VERSUS CARDIOLOGIST INTERPRETATION

Norwin Rivera Guzman, Jose Escabi, Jaime Rivera Babilonia, Jorge Martinez-Diaz, Zeyn Mirza, Maria Cochran, Jonathan Rodriguez, VA Caribbean Healthcare System, San Juan, PR, USA

254 - EVALUATION OF POST-ABLATION ATRIAL FIBRILLATION RECURRENCES IDENTIFIED BY LONG-TERM CONTINUOUS MONITORING: IMPLICATIONS FOR DISCONTINUATION OF ORAL ANTICOAGULATION

Rod S. Passman, Joao Monteiro, Shantanu Sarkar, Sean Landman, Paul Ziegler, Northwestern University, Chicago, IL, USA, Medtronic Inc., Mounds View, MN, USA

255 - SAFETY AND EFFICACY OF A CONVERGENT HYBRID PROCEDURE USING CRYO AS ENDOCARDIAL ENERGY SOURCE FOR THE TREATMENT OF PERSISTENT AND LONGSTANDING PERSISTENT ATRIAL FIBRILLATION

Kevin Makati, Ramin Davoudi, Arnoldas Giedrimas, James M. Irwin, Andrew Sherman, Iraklis Gerogiannis, Nitesh Sood, Tampa Cardiac Specialists, Tampa, FL, USA, Southcoast Health, Fall River, MA, USA

256 - PULMONARY HYPERTENSION CONFERS HIGHER MORTALITY IN PATIENTS WITH ATRIAL FIBRILLATION: A COMMUNITY-BASED STUDY

Rowlens Melduni, Kalkidan Bishu, Waldemar E. Wysokinski, Bernard J. Gersh, Vuyisile Tihopane Nkomo, Eddie L. Greene, Garvan C. Kane, Jae K. Oh, Hon-Chi Lee, Mayo Clinic, Rochester, MN, USA

**Congenital Heart Disease - Poster Contributions**  
**Session #1256**

**Congenital Heart Disease: Therapy 4**

Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

055 - IMPACT OF TRANSCATHETER PULMONARY ARTERY INTERVENTION FOLLOWING SUPERIOR CAVOPULMONARY CONNECTION ON DOWNSTREAM PULMONARY ARTERY GROWTH

Kasey Chaszczewski, Jing Huang, Stephanie Fuller, Christopher Smith, Yoav Dori, Andrew C. Glatz, Matthew J. Gillespie, Jonathan J. Rome, Michael L. O'Byrne, Children's Hospital of Philadelphia, Philadelphia, PA, USA

056 - INITIAL EXPERIENCE IN TRANSCATHETER CLOSURE OF PATENT DUCTUS ARTERIOSUS WITHOUT FLUOROSCOPY IN INDONESIA

Radityo Prakoso, Rina Ariani, Yovi Kurniawati, Sisca Natalia Siagian, Aditya Agita Sembiring, Oktavia Lilyasari, Indriwanto Sakidjan, Poppy S. Roebiono, Anna Rahajoe, Olfi Lelya, Ganesja M. Harimurti, National Cardiovascular Center Harapan Kita, Jakarta, AB, Indonesia

057 - EARLY CATHETER-BASED STENT INTERVENTIONS DO NOT IMPROVE PULMONARY ARTERY GROWTH OR CARDIAC FUNCTION COMPARED TO DELAYED INTERVENTIONS IN A SWINE PULMONARY ARTERY STENOSIS MODEL

Luke J. Lamers, Ryan Pewowaruk, Kevin Pettit, Joshua Hermsen, John Carter Ralphe, Alejandro Roldan, University of Wisconsin - Madison, Madison, WI, USA

058 - LONG TERM FOLLOW-UP OF PATIENTS WITH COARCTATION OF THE AORTA

Philicia Moonsamy, Ami B. Bhatt, Navyatha Mohan, Masaki Funamoto, Serguei Melnitchouk, David A. D'Alessandro, George Tolis, Thoralf M. Sundt, Duke E. Cameron, Arminder Jassar, Massachusetts General Hospital, Boston, MA, USA

**Congenital Heart Disease - Poster Contributions**  
**Session #1257**

**Congenital Heart Disease: Adult 4**

Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

059 - LYMPHOPENIA IN ADULT PATIENTS WITH FONTAN PHYSIOLOGY

Jessica Carducci, Yuli Kim, Bhavesh Patel, Katherine Awh, Lauren Andrade, Stephanie Fuller, Christopher Mascio, Lynda Tobin, Emily Ruckdeschel, The Children's Hospital of Philadelphia, Philadelphia, PA, USA, Hospital of the University of Pennsylvania, Philadelphia, PA, USA

060 - PROSPECTIVE EVALUATION OF EXERCISE CARDIOPULMONARY PARAMETERS IN YOUNG ADULTS WITH COMPLEX CONGENITAL HEART DISEASE INVOLVED IN PHYSICAL TRAINING

Paolo Ferrero, Isabelle Piazza, Giacomo Poggioni, Fabio Lorenzelli, Papa Giovanni XXIII Hospital, Bergamo, Italy

061 - ATRIOVENTRICULAR VALVE FAILURE IN FONTAN PALLIATION: SIMILAR OUTCOMES COMPARED TO SYSTOLIC VENTRICULAR DYSFUNCTION

Ryan Byrne, Steven Healan, Rachel Klausner, Dan Clark, Lee Richardson, Benjamin Frischhertz, Angela Weingarten, Vanderbilt University Medical Center, Nashville, TN, USA

062 - MATERNAL AND NEONATAL OUTCOMES OF PREGNANCIES IN WOMEN WITH CONGENITAL HEART DISEASE: A META-ANALYSIS

Isabel Hardee, Lydia Wright, Courtney McCracken, Emily Lawson, Matthew Oster, Emory University School of Medicine, Atlanta, GA, USA

063 - POSTPARTUM DEPRESSION IN WOMEN WITH CONGENITAL AND STRUCTURAL HEART DISEASE

Lauren Andrade, Torri D. Metz, Mary Hunt Martin, Daniel Alan Cox, Zhining Ou, Ibrahim Hammad, Jinqiu Kuang, Arvind Hoskoppal, Primary Children's Hospital University of Utah, Salt Lake City, UT, USA

064 - ABNORMAL DIASTOLIC FUNCTION IN OBESE ADULTS WITH CONGENITAL HEART DISEASE

Jonathan Pan, Rajesh U. Shenoy, Icahn School of Medicine at Mount Sinai, New York, NY, USA





**Heart Failure and Cardiomyopathies - Poster Contributions  
Session #1259**

**Heart Failure and Cardiomyopathies: Therapy 4**

Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

065 - PRE-IMPLANT LEFT VENTRICULAR SIZE BEST PREDICTS POOR CARDIAC POWER INDEX IN PATIENTS WITH HM3 SUPPORT

Varinder Randhawa, Edward Soltesz, Qiuqing Wang, Katherine Wolski, Michael Z. Y. Tong, Shinya Unai, Tiffany Buda, Randall C. Starling, Wai Hong Wilson Tang, Jerry D. Estep, Cleveland Clinic, Cleveland, OH, USA

066 - A MULTI-MODAL COMPUTER MODEL OF THE HEART CAN PREDICT THERAPY OUTCOME IN CARDIAC RESYNCHRONIZATION THERAPY (CRT)

Eric Lluch Alvarez, Elham Kayvanpour, Tiziano Passerini, Farbod Sedaghat-Hamedani, Hugo Katus, Benjamin Meder, Tommaso Mansi, Department of Medicine III, University of Heidelberg, Heidelberg, Germany, Siemens Healthineers, Princeton, NJ, USA

067 - ELECTRICAL MICROCURRENT THERAPY IN PATIENTS WITH CHRONIC HEART FAILURE: A SUCCESSFUL DISRUPTIVE TREATMENT APPROACH

Johannes Mueller, Miodrag Peric II, Dragana Bakal Kosevic, Velibor Ristic, Kersten Brandes, Peter Goettel, Petar Vukovic, Berlin Heals, Berlin, Germany, Cardiovascular Institute Dedinje, Belgrade, Serbia and Montenegro

068 - ACUTE EFFECTS OF PHOSPHODIESTERASE-5 INHIBITION ON RIGHT VENTRICULAR FUNCTION IN ADVANCED HFREF: THE INSIGHT FROM PRESSURE-VOLUME ANALYSIS

Voitech Melenovsky, Luca Monzo, Hikmet Al-Hiti, Adrian Reichenbach, Tereza Havlenova, Nevenka Solar, Marek Tupy, Jiri Ters, Josef Kautzner, Institute for Clinical and Experimental Medicine (IKEM), Prague, Czech Republic

069 - EFFECT OF TREATMENT WITH DAPAGLIFLOZIN ACCORDING TO BASELINE SYSTOLIC BLOOD PRESSURE IN PATIENTS WITH HFREF: AN ANALYSIS OF THE DAPA-HF TRIAL

John McMurray, Michael Boehm, Matteo Serenelli, Silvio E. Inzucchi, Pardeep Jhund, Lars Kober, Mikhail Kosiborod, Anna Maria Langkilde, Felipe Martinez, Olof Bengtsson, Piotr Ponikowski, Marc Sabatine, Mikaela Sjostrand, Scott D. Solomon, BHF Cardiovascular Research Centre, Glasgow, United Kingdom

070 - HEMODYNAMIC EFFECTS OF NITROXYL DONOR BMS-986231 COMPARED TO NITROGLYCERIN OR PLACEBO IN PATIENTS WITH CHRONIC HEART FAILURE-A RANDOMIZED DOUBLE-BLIND CROSSOVER TRIAL

G. Michael Felker, John McMurray, John Cleland, Christopher O'Connor, John Teerlink, Adriaan Voors, Ninian Lang, Faheem Ahmad, Jorg Taubel, Anke Koehorst-Hodes, David E. Newby, Ravi Karra, Yasushi Sakata, Shiro Ishihara, Roxy Senior, Abhishek Khemka, Scott D. Solomon, Mimi Desouza, Dietmar Seiffert, June Ye, Paul Kessler, Maria Borentain, Duke Clinical Research Institute, Durham, NC, USA

071 - FACTORS ASSOCIATED WITH TOLERABILITY OF SACUBITRIL-VALSARTAN IN ICU PATIENTS WITH LOW CARDIAC OUTPUT

Trejeeve Martyn, Kathleen Faulkenberg, Chongyang Albert, Dmitry Yaranov, Zachary Il'Giovine, Rob Montgomery, Jerry D. Estep, Venu Menon, Wai Hong Wilson Tang, Randall C. Starling, Cleveland Clinic, Cleveland, OH, USA

**Heart Failure and Cardiomyopathies - Poster Contributions  
Session #1260**

**Heart Failure and Cardiomyopathies: Clinical 4**

Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

072 - CHARACTERISTICS AND OUTCOMES OF MARFAN PATIENTS WITH NONISCHEMIC CARDIOMYOPATHY

Arooj R. Khan, Erika Hutt, Jean-Pierre Iskandar, Divyang Patel, Anirudh Kumar, Jose Aguilera, Kevin Chen, Brian P. Griffin, Eric Roselli, Chadi Ayoub, Milind Y. Desai, Vidyasagar Kalahasti, Lars G. Svensson, Cleveland Clinic, Cleveland, OH, USA

073 - PREDICTORS OF MORTALITY IN PATIENTS WITH TAKOTSUBO CARDIOMYOPATHY USING THE INTERNATIONAL TAKOTSUBO DIAGNOSTIC CRITERIA

Emily Tat, Christopher Latanich, David Wilber, Loyola University Medical Center, Maywood, IL, USA

074 - OUTCOMES OF CARDIOGENIC SHOCK IN PEDIATRIC CARDIOMYOPATHY VERSUS CONGENITAL HEART DISEASE: ANALYSIS OF THE NATIONAL INPATIENT SAMPLE DATABASE

Hasan F. Othman, Mohammed Hamzah, Hany Aly, Michigan State University/Sparrow Health System, Lansing, MI, USA, Cleveland Clinic Children's, Cleveland, OH, USA

075 - HEART FAILURE WITH PRESERVED EJECTION FRACTION COMPLICATING PREGNANCY-RELATED HOSPITALIZATIONS (NIS: 2002-2014)

Joan E. Briller, Mulubrhan F. Mogos, James Muchira, Mariann Piano, University of Illinois at Chicago, Chicago, IL, USA, Vanderbilt University, Nashville, TN, USA

076 - CHARACTERIZING THE WAITLISTED, RECIPIENT AND DECEASED DONOR POPULATIONS IN CARDIAC TRANSPLANTATION, 1987-2016

Pooja S. Desai, Gregg C. Fonarow, Peyman Benharash, Boback Ziaiean, University of California, Los Angeles Medical Center, Los Angeles, CA, USA

077 - THE ASSOCIATION OF SEVERITY OF SLEEP APNEA WITH ECHOCARDIOGRAPHIC MEASURES OF DIASTOLIC DYSFUNCTION: A SYSTEMATIC REVIEW AND META-ANALYSIS

Farzane Saeidifard, Mohammed Al-Sadawi, Adekunle Kiladejo, Patricia Erwin, Louis F. Saliccioli, Adam Budzikowski, SUNY Downstate Medical Center, New York, NY, USA, Lenox Hill Hospital-Zucker School of Medicine at Hofstra/Northwell, New York, NY, USA

078 - MACHINE LEARNING MODELS PREDICT 30-DAY AND 1-YEAR MORTALITY IN HEART FAILURE

Guy Zahavi, Jonathan Frogel, Nir Shlomo, Robert Klempfner, Ron Unger, Sheba Medical Center, Ramat Gan, Israel, Bar Ilan University, Ramat Gan, Israel

079 - QRS FRAGMENTATION: VALIDATION OF A NEW EKG DIAGNOSTIC AND PROGNOSTIC MARKER IN ACUTE MYOCARDITIS

Paolo Ferrero, Isabelle Piazza, Carsten Tschöpe, Aurelia Grosu, Michele Senni, Papa Giovanni XXIII Hospital, Bergamo, Italy, Charité - Universitätsmedizin, Berlin, Germany

080 - PROGNOSTIC FACTORS FOR POLYMYOSITIS/DERMATOMYOSITIS WITH CARDIAC INVOLVEMENT

Xiaoxiao Guo, Yongfa Huang, Huazhen Liu, Peking Union Medical College Hospital, Beijing, People's Republic of China

081 - LOW BLOOD PRESSURE AND THE RISK OF DEATH AND STROKE IN CONTEMPORARY LEFT VENTRICULAR ASSIST DEVICE RECIPIENTS

Himabindu Vidula, Onur Altintas, Scott McNitt, Bronislava Polonsky, Jeffrey D. Alexis, Leway Chen, Igor Gosev, John D. Bisognano, Avi Seidmann, Ilan Goldenberg, University of Rochester, Rochester, NY, USA

092 - VENTRICULAR ARRHYTHMIAS AND ALL-CAUSE MORTALITY AFTER LEFT VENTRICULAR ASSIST DEVICE IMPLANTATION: A SYSTEMATIC REVIEW AND META-ANALYSIS

Verapras Kittipibul, Jakrin Kewcharoen, Vanessa Blumer, Gabriel Hernandez, Sandra Chaparro, University of Miami Miller School of Medicine, Miami, FL, USA



093 - RACE-SPECIFIC OUTCOMES AFTER LEFT VENTRICULAR ASSIST DEVICE IMPLANTATION: A SYSTEMATIC REVIEW AND META-ANALYSIS

Verapras Kittiibu, Victor Becerra-Gonzales, Vanessa Blumer, Gabriel Hernandez, Sandra Chaparro, University of Miami Miller School of Medicine, Miami, FL, USA

094 - CONGESTIVE HEART FAILURE HOSPITALIZATIONS AND COMORBID CANNABIS USE DISORDER: NATIONAL TRENDS AND OUTCOMES (2010-2014)

Temitope Ajibawo, Farla Jean-Louis, Rikinkumar S. Patel, Brookdale University Hospital Medical Center, Brooklyn, New York, NY, USA, Griffin Memorial Hospital, Norman, OK, USA

095 - RECLASSIFICATION OF HOSPITAL PERFORMANCE USING THE EXCESS DAYS IN ACUTE CARE MEASURE VS. 30-DAY READMISSIONS FOR HEART FAILURE AND ACUTE MYOCARDIAL INFARCTION: IMPLICATIONS FOR THE HOSPITAL READMISSIONS REDUCTION PROGRAM

Rishi Wadhera, Karen E. Joynt Maddox, Nihar R. Desai, Muthiah Vaduganathan, Lauren Gray Gilstrap, Changyu Shen, Robert W. Yeh, Richard A. and Susan F. Smith Center for Outcomes Research, Beth Israel Deaconess Medical Center, Boston, MA, USA, Harvard Medical School, Boston, MA, USA

096 - LIMITED TESTING FOR CORONARY ARTERY DISEASE IN PATIENTS WITH NEW-ONSET HEART FAILURE: FINDINGS FROM GET WITH THE GUIDELINES - HEART FAILURE

Kyle O'Connor, Todd Brophy, Gregg C. Fonarow, Ron Blankstein, Rajesh V. Swaminathan, Haolin Xu, Roland Matsouka, Nancy M. Albert, Eric J. Velazquez, Clyde W. Yancy, Paul A. Heidenreich, Adrian Hernandez, Adam DeVore, Duke University School of Medicine and Duke Clinical Research Institute, Durham, NC, USA

097 - IMPLICATIONS OF VARIOUS DIAGNOSTIC CRITERIA ON THE DIAGNOSIS OF CARDIAC SARCOIDOSIS: A SINGLE CENTER EXPERIENCE

Salvatore Savona, James Mann, Muhammad Afzal, Toshimasa Okabe, Elliott Crouser, Rami Kahwash, Steven Kalbfleisch, The Ohio State University Wexner Medical Center, Columbus, OH, USA

098 - IMPACT OF BODY SIZE ON SURGICAL CORONARY REVASCULARIZATION FOR ISCHEMIC HEART FAILURE: INSIGHTS FROM STICHES

Nicholas Hendren, Lin Zhong, Ian Neeland, Katherine Michelis, Mark H. Drazner, Wai Hong Wilson Tang, Ambarish Pandey, Justin Lee Grodin, University of Texas-Southwestern, Dallas, TX, USA, Cleveland Clinic, Cleveland, OH, USA

099 - EPIDEMIOLOGY AND OUTCOMES OF ACUTE KIDNEY INJURY IN UNSELECTED CARDIAC INTENSIVE CARE UNIT PATIENTS

Thomas Breen, Jacob Colin Jentzer, Mandeep S. Sidhu, Gregory W. Barsness, Kianoush Kashani, Mayo Clinic, Rochester, MN, USA

100 - ABNORMAL SERUM CHLORIDE IS ASSOCIATED WITH INCREASED MORTALITY AMONG UNSELECTED CARDIAC INTENSIVE CARE UNIT PATIENTS

Thomas Breen, Mitchell Padkins, Benjamin Brueske, Mandeep S. Sidhu, Kianoush Kashani, Nandan Sadanand Anavekar, Gregory W. Barsness, Jacob Colin Jentzer, Mayo Clinic, Rochester, MN, USA

101 - HEART FAILURE OUTCOMES IN A LARGE HIV POPULATION AT A SAFETY-NET ACADEMIC MEDICAL CENTER

Anjali B. Thakkar, Yifei Ma, Martha Michel, Jennifer Creasman, nalin colaco, Teresa Wang, Alexandra Teng, Smruti Rahalkar, Rebecca Scherzer, Priscilla Y. Hsue, UCSF, San Francisco, CA, USA, San Francisco General Hospital, San Francisco, CA, USA

112 - PREDICTORS OF SUBSEQUENT HOSPITAL ENCOUNTERS IN PATIENTS WITH TAKOTSUBO CARDIOMYOPATHY

Don Scarboro, Harsh Patel, Matthew Roby, David Sane, Virginia Tech Carilion School of Medicine, Roanoke, VA, USA, Carilion Clinic, Roanoke, VA, USA

113 - A NOVEL SUBSET OF HYPERTROPHIC CARDIOMYOPATHY PATIENTS CHARACTERIZED BY ASSOCIATION WITH TAKOTSUBO-LIKE LV BALLOONING AND HOSPITAL ADMISSION

Katherine N. Riedy, Harmony Reynolds, Barry P. Rosenzweig, Daniele Massera, Muhamed Saric, Daniel Swistel, Monica Ahluwalia, Milla Arabadjian, Maria Defonte, Alexandra Stepanovic, Stephanie Serrato, Yuhe Xia, Hua Zhong, Mark Sherrid, NYU School of Medicine, New York, NY, USA, NYU Langone Health, New York, NY, USA

114 - PROGRESSION OF VALVULAR CALCIFICATION IS ASSOCIATED WITH 10-YEAR CHANGE IN LEFT VENTRICULAR STRUCTURE AND INCIDENT HEART FAILURE: THE MULTI-ETHNIC STUDY OF ATHEROSCLEROSIS

Oluwaseun E. Fashanu, Sireesha Upadhrasta, Di Zhao, Matthew J. Budoff, Ambarish Pandey, Joao A. C. Lima, Erin Michos, Saint Agnes Hospital, Baltimore, MD, USA, Johns Hopkins University, Baltimore, MD, USA

115 - ASSOCIATION OF CARDIAC RESYNCHRONIZATION THERAPY WITH MORTALITY, DEFIBRILLATION, AND RIGHT VENTRICULAR FAILURE IN PATIENTS WITH LEFT VENTRICULAR ASSIST DEVICES

Douglas Darden, Enrico Ammirati, Michela Brambatti, Jonathan Chong Hsu, Oscar Braun, Palak Shah, Caroline Van De Heyning, Enrico Perna, Maja Cikes, Grunde Gjesdal, Luciano Potena, Masetti Marco, Nina Jakus, Dina De Bock, Jasper J. Brugs, Claudio Russo, Jesse Veenis, Filip Rega, Liviu Klein, Gert Pretorius, Manlio Cipriani, Maria Frigerio, Eric Adler, University of California San Diego, La Jolla, CA, USA

116 - SEX DIFFERENCES IN THE PHENOTYPE OF TRANSTHYRETIN CARDIAC AMYLOIDOSIS DUE TO VAL122ILE MUTATIONS: INSIGHTS FROM NON-INVASIVE PRESSURE-VOLUME ANALYSIS

Jaya Batra, Jan Griffin, Danillo Gamino, Sergio Teryua, Melissa Valarezo, Stephen Helmke, Hannah Rosenblum, Mathew Maurer, Columbia University Medical Center, New York, NY, USA

117 - RACIAL DISPARITIES IN MEDICATION USE AMONG TAKOTSUBO SYNDROME PATIENTS

Andre Macedo Dias, Thomas Ross, Emiliana Franco Ladron De Guevara, Marc Litt, Kathy Hebert, Baptist Medical Center, Jacksonville, FL, USA

118 - IS THERE ANY SEASONAL VARIATION IN TAKOTSUBO SYNDROME PRESENTATION AND OUTCOMES?

Andre Macedo Dias, Thomas Ross, Emiliana Franco Ladron De Guevara, Marc Litt, Kathy Hebert, Baptist Medical Center, Jacksonville, FL, USA

119 - DOES GUIDELINE DIRECTED MEDICAL THERAPY FOR SYSTOLIC HEART FAILURE HELP PREVENT TAKOTSUBO RECURRENCE AND/OR READMISSION?

Andre Macedo Dias, Thomas Ross, Emiliana Franco Ladron De Guevara, Marc Litt, Kathy Hebert, Baptist Medical Center, Jacksonville, FL, USA

120 - THE 30-DAY ADVERSE OUTCOMES AMONG PATIENTS TREATED IN THE EMERGENCY DEPARTMENT FOR HEART FAILURE BY LEFT VENTRICULAR SYSTOLIC FUNCTION STATUS

Jamal S. Rana, Dustin Mark, Jie Huang, Adina S. Rauchwerger, Mary E. Reed, Dana R. Sax, Kaiser Permanente Northern California, Oakland, CA, USA

121 - IDENTIFYING DIFFERENT PHENOTYPES IN TAKOTSUBO CARDIOMYOPATHY BY USING LATENT CLASS ANALYSIS

Pengyang Li, Qiying Dai, Fangcheng Wu, Peng Cai, Qi Liu, Su Pan, Richard Dixon, Jeffrey J. Popma, Texas Heart Institute, Houston, TX, USA, Saint Vincent Hospital, Worcester, MA, USA

132 - ASSOCIATION OF PLASMA DEHYDROEPIANDROSTERONE SULFATE (DHEA-S) WITH INCIDENT HEART FAILURE IN OLDER MEN AND WOMEN

Xiaoming Jia, Wensheng Sun, Ron Hoogeveen, Vijay Nambi, Salim Virani, Dennis T. Villareal, George Taffet, Bing Yu, Jan Bressler, Eric Boerwinkle, B. Gwen Windham, James de Lemos, Kunihiro Matsushita, Elizabeth Selvin, Erin Michos, Christie M. Ballantyne, Baylor College of Medicine, Houston, TX, USA



133 - SUPPRESSION OF TUMORIGENICITY 2 (ST2) TURBIDIMETRIC IMMUNOASSAY AND ENZYME-LINKED IMMUNOSORBENT ASSAY: PREDICTING RISK IN HEART FAILURE

Lindsey Aurora, James Snider, Edward Peterson, Tim Bryson, Hongsheng Gui, James McCord, David E. Lanfear, Henry Ford Hospital, Detroit, MI, USA

134 - DOES RECOVERY OF LEFT VENTRICULAR FUNCTION AFTER PERIPARTUM CARDIOMYOPATHY PREDICT MATERNAL AND FETAL OUTCOMES IN A SUBSEQUENT PREGNANCY?

Hari Bogabathina, Sampath Singireddy, Priyanka Gill, Jonathan Massey, Parker LaVigne, Kalgi Modi, OLSU-Shreveport, Shreveport, LA, USA

135 - PREVALENCE AND DETERMINANTS OF RIGHT VENTRICULAR SYSTOLIC DYSFUNCTION AMONGST HEART FAILURE PATIENTS IN A WEST AFRICAN TEACHING HOSPITAL

Oyewole Adebisi, Amam C. Mbakwem, Janet Ajuluchukwu, Lagos University Teaching Hospital, Lagos, Nigeria, University of Lagos, Lagos, Nigeria

136 - GENDER DIFFERENCES IN HEALTH STATUS AMONG PATIENTS WITH HEART FAILURE AT ADMISSION AND 1-MONTH AFTER HOSPITALIZATION

Danli Hu, Lihua Zhang, Xin Zheng, Xueke Bai, Jing Li, Fuwai Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, People's Republic of China

137 - PRE-OPERATIVE LEFT VENTRICULAR END-SYSTOLIC VOLUME, NOT DIASTOLIC DYSFUNCTION, IS ASSOCIATED WITH LEFT VENTRICULAR SYSTOLIC DYSFUNCTION AFTER LIVER TRANSPLANT

Andrew Harris, Todd Dardas, Kevin Li, James N. Kirkpatrick, University of Washington, Seattle, WA, USA

139 - THE DISTRIBUTION OF GIANT CELLS IN GIANT CELL MYOCARDITIS

Shangyu Liu, Hu Zhan, Yao Yan, Fuwai Hospital, CAMS & PUMC, Beijing, People's Republic of China

140 - DECREASE IN ABSOLUTE LYMPHOCYTE COUNT IN IMMUNE CHECKPOINT INHIBITOR-ASSOCIATED MYOCARDITIS

Zsolt Drobni, Amna Zafar, Daniel Zlotoff, Leyre Zubiri, Raza Alvi, Lili Zhang, Adam Rokicki, Anju Nohria, Alexandra-Chloé Villani, John Groarke, Ryan J. Sullivan, Kerry L. Reynolds, Tom Neilan, Massachusetts General Hospital, Harvard Medical School, Boston, MA, USA

141 - CARDIOMYOPATHY IN PREGNANCY - RISK IN THE ERA OF GOAL-DIRECTED MEDICAL THERAPY: A TERTIARY CARE CENTER EXPERIENCE & SYSTEMATIC REVIEW

Anudeep Dodeja, Francesca Urbina, Katherine Dodd, Marwan Ma'ayeh, Laxmi Mehta, Margaret Fuchs, Kara Rood, May Ling Mah, Elisa Bradley, Nationwide Children's Hospital, Columbus, OH, USA, The Ohio State University, Columbus, OH, USA

152 - HEART FAILURE HOSPITALIZATIONS AND URGENT HEART FAILURE VISITS FOR PATIENTS WITH HEART FAILURE IN A REAL-WORLD POPULATION IN THE US

Carolyn Lam, Robert Wood, Hector Bueno, Muthiah Vaduganathan, Gabriela Luporini, Alex Chin, Afrah Siddiqui, Elisabeth Sörstadius, Joseph Thomas, Lei Qin, Duke-National University of Singapore Medical School, Singapore, Singapore, AstraZeneca, Gaithersburg, MD, USA

153 - LEFT VENTRICULAR MASS TO VOLTAGE RATIO IS ASSOCIATED WITH HEART FAILURE HOSPITALIZATION IN CARDIAC AMYLOIDOSIS

Jeremy Slivnick, Alex Wallner, Ajay Vallakati, Vien T. Truong, Wojciech Mazur, Mohamed Elamin, Subha V. Raman, Karolina M. Zareba, Ohio State Wexner Medical Center, Columbus, OH, USA, The Christ Hospital, Cincinnati, OH, USA

154 - AFRICAN AMERICANS PRESENT WITH LESS ATRIAL FIBRILLATION IN TRANSTHYRETIN CARDIAC AMYLOIDOSIS: A RETROSPECTIVE REVIEW

Lindsey Mitrani, Frederick L. Ruberg, Jeffery De Los Santos, Stephen Helmke, Sergio Teruya, Samantha Guadalupe, Melissa Valarezo, Danilo Gamino, Mathew Maurer, Columbia University Medical Center, New York, NY, USA, Boston Medical Center, Boston, MA, USA

155 - IMPACT OF MITRAL ANNULAR CALCIFICATION IN PATIENTS WITH OBSTRUCTIVE HYPERTROPHIC CARDIOMYOPATHY

Sri Harsha Patlolla, Hartzell Schaff, Zahara Meghji, Jeffrey Geske, Joseph Dearani, Rick A. Nishimura, Steve Ommen, Mayo Clinic, Rochester, MN, USA

156 - INFLAMMATORY BIOMARKER TRENDS PRIOR TO ACUTE DECOMPENSATED HEART FAILURE WITH PRESERVED EJECTION FRACTION

Johannes K. Steiner, Russell Tracy, Martin M. LeWinter, University of Vermont Medical Center, Burlington, VT, USA

### Interventional Cardiology - Poster Contributions Session #1250

#### Interventional Cardiology: Coronary Intervention: CTO 4 Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

001 - PROTAMINE UTILIZATION AND CLINICAL OUTCOMES FOR CORONARY ARTERY PERFORATION IN CHRONIC TOTAL OCCLUSION PROCEDURES

Akash Kataruka, David Daniels, Chuck Maynard, Kathleen E. Kearney, Ahmed M. Mahmoud, Jacob Appel Doll, James M. McCabe, William Lombardi, Ravi S. Hira, University of Washington, Seattle, WA, USA

002 - IN HOSPITAL OUTCOMES OF MECHANICAL ATERECTOMY IN CORONARY CHRONIC TOTAL OCCLUSION PERCUTANEOUS INTERVENTION, A SYSTEMATIC REVIEW OF LITERATURE

Mohammed Saleh, Toufik Mahfood Haddad, Omar Kousa, Ahmed Aboeata, Creighton University, Omaha, NE, USA

003 - OBESITY: FRIEND OR FOE IN SINGLE-VESSEL CHRONIC TOTAL OCCLUSION PERCUTANEOUS CORONARY INTERVENTION?

Rupak Desai, Ahmed Mahmood, Rushikumar Bhuvu, Hee Kong Fong, Muhammad Uzair Lodhi, Nanush Damarlapally, Kishorabhai Gangani, Rajesh Sachdeva, Gautam Kumar, Atlanta VA Medical Center/Emory University, Decatur, GA, USA, Morehouse School of Medicine, Atlanta, GA, USA

004 - FOLLOW-UP OUTCOMES AFTER CHRONIC TOTAL OCCLUSION PERCUTANEOUS CORONARY INTERVENTION: DOES SUCCESSFUL REVASCULARIZATION MATTER ?

Iosif Xenogiannis, Dimitrios Karmaliotis, Oleg Krestyaninov, Dmitrii Khelinskii, Jaikiran Khatri, Khalid Alaswad, Anthony Doing, Phil Dattilo, Farouk Jaffer, Mitul P. Patel, Ehtisham Mahmud, Wissam Jaber, Habib Samady, Raj Chandwaney, Fotios Gkargkoulas, Ziad Ali, Michael Megaly, Mohamed Omer, Evangelia Vemmou, Ilias Nikolakopoulos, Ross Garberich, Bavana Rangan, Shuaib Abdullah, M Nicholas Burke, Emmanouil Brilakis, Minneapolis Heart Institute Foundation, Minneapolis, MN, USA

005 - VALIDATION OF THE HYBRID ALGORITHM IN CHRONIC TOTAL OCCLUSION PERCUTANEOUS CORONARY INTERVENTIONS

Iosif Xenogiannis, Dimitrios Karmaliotis, Oleg Krestyaninov, Dmitrii Khelinskii, James Choi, Michalis Koutouzis, Ioannis Tsiafoutsis, Alpesh Shah, Ehtisham Mahmud, Nidal Abi Rafeh, Assaad Maalouf, Fadi Abou Jaoudeh, Jeffrey Moses, Nicholas J. Lembo, Manish A. Parikh, Ajay J. Kirtane, Fotios Gkargkoulas, Evangelia Vemmou, Ilias Nikolakopoulos, Bavana Rangan, Shuaib Abdullah, Santiago Garcia, Subhash Banerjee, M Nicholas Burke, Emmanouil Brilakis, Minneapolis Heart Institute Foundation, Minneapolis, MN, USA

006 - CONTEMPORARY IN-HOSPITAL OUTCOMES OF CHRONIC TOTAL OCCLUSION INTERVENTIONS UPDATE FROM THE PROGRESS-CTO (PROSPECTIVE GLOBAL REGISTRY FOR THE STUDY OF CHRONIC TOTAL OCCLUSION INTERVENTION) INTERNATIONAL REGISTRY



Evangelia Vemmou, Dimitrios Karpaliotis, Oleg Krestyaninov, Dmitrii Khelinskii, James Choi, Farouc Jaffer, Jeffrey Moses, Nicholas J. Lembo, Manish A. Parikh, Ziad Ali, Ajay J. Kirtane, Robert W. Yeh, Mitul P. Patel, Iosif Xenogiannis, Ilias Nikolakopoulos, Michael Koutouzis, Ioannis Tsiafoutis, Barry F. Uretsky, Basem Elbarouni, Michael Love, Bavana Rangan, M. Nicholas Burke, Shuaib Abdullah, Subhash Banerjee, Emmanouil Brilakis, Minneapolis Heart Institute Foundation, Minneapolis, MN, USA

007 - FOLLOW-UP OUTCOMES OF CHRONIC TOTAL OCCLUSION PERCUTANEOUS CORONARY INTERVENTIONS IN PATIENTS WITH AND WITHOUT PRIOR CORONARY ARTERY BYPASS GRAFT SURGERY: INSIGHTS FROM THE PROGRESS-CTO REGISTRY

Ilias Nikolakopoulos, Dimitrios Karpaliotis, James Choi, Jaikirshan Khatri, Anthony Doing, Philip Dattilo, Nidal Abi Rafeh, Assaad Maalouf, Fadi Abou Jaoudeh, Hector Tamez Aguilar, Alpesh Shah, Jeffrey Moses, Nicholas J. Lembo, Ajay J. Kirtane, Manish A. Parikh, Ziad Ali, Michael Megaly, Evangelia Vemmou, Iosif Xenogiannis, Bavana Rangan, Shuaib Abdullah, Subhash Banerjee, Santiago Garcia, M. Nicholas Burke, Emmanouil Brilakis, Minneapolis Heart Institute Foundation, Minneapolis, MN, USA

008 - GENDER DISPARITIES IN PERCUTANEOUS CORONARY INTERVENTIONS FOR CHRONIC TOTAL OCCLUSIONS: IN-HOSPITAL OUTCOMES

Marinos Charalambous, Amitkumar Patel, Premalkumar Patel, Perwaiz Meraj, Northwell Health, North Shore University Hospital, Manhasset, NY, USA

#### Interventional Cardiology - Poster Contributions Session #1251

**Interventional Cardiology: Carotid and Endovascular Intervention 4**  
Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

009 - CORRELATION BETWEEN INTRAVASCULAR ULTRASOUND (IVUS) AND VENOGRAM WITH VENOUS DUPLEX ULTRASOUND IN THE DETECTION OF FEMORO-ILIO-CAVAL VEIN OBSTRUCTION

Robert Sogomonian, Carlos Andres Gonzalez-Lengua, Mikko A. Tesalona, Balaram Krishna Hanumanthra, Pouya Mohajer, Kevin Liu, Nima Taghipour, Ramesh Gowda, Deepika Misra, Mount Sinai Heart at Mount Sinai Beth Israel, New York, NY, USA

010 - SAFETY AND EFFICACY OF TICAGRELOR IN CAROTID ARTERY ANGIOPLASTY IN PATIENTS WITH CLOPIDOGREL RESISTANCE: REAL LIFE EXPERIENCE

Dor Lotan, Zeev Itsekzon-Hayosh, Eduard Itelman, Yishai Wasserstrum, Shlomi Matetzky, Jason Perlmutter, Amit Segev, Paul Fefer, David Orion, Victor Guetta, Sheba Medical Center, Ramat-Gan, Israel, Leviev Heart Center, Ramat Gan, Israel

011 - RISK AND COSTS AFTER PERIPHERAL REVASCLARIZATION IN PATIENTS WITH PERIPHERAL ARTERY DISEASE WITH AND WITHOUT DIABETES

Connie Ng Hess, Julia Weleski Fu, Jacob Gundrum, Nancy Allen LaPointe, Tracy Wang, Kevin Rogers, William R. Hiatt, Marc P. Bonaca, University of Colorado School of Medicine, Aurora, CO, USA, CPC Clinical Research, Aurora, CO, USA

#### Interventional Cardiology - Poster Contributions Session #1252

**Interventional Cardiology: Mitral and Structural Heart Disease 4**  
Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

012 - DO EARLY CHANGES IN LEFT VENTRICULAR EJECTION FRACTION PREDICT LONG-TERM OUTCOMES AFTER TRANSCATHETER MITRAL VALVE REPAIR OF SECONDARY MITRAL REGURGITATION? THE COAPT TRIAL

Stamatios Lerakis, Annapoorna Subhash Kini, Federico M. Asch, Neil J. Weissman, Paul A. Grayburn, Saibal Kar, Kar, Scott Lim, Jacob M. Mishell, Brian K. Whisenant, Michael Rinaldi, Samir R. Kapadia, Vivek Rajagopal, Ian Joseph Sarembock, Andreas Brieke, Gilbert Tang, Aaron Crowley, Samin K. Sharma, JoAnn Lindenfeld, William Abraham, Michael Mack, Gregg W. Stone, Icahn School of Medicine at Mount Sinai, New York, NY, USA, Cardiovascular Research Foundation, New York, NY, USA

013 - PROGNOSTIC IMPACT OF PULMONARY HYPERTENSION IN PATIENTS WITH SEVERE AORTIC STENOSIS WHO UNDERWENT TRANSCATHETER AORTIC VALVE REPLACEMENT

Kimi Sato, Noor Albakaa, Naomi Nakazawa, Masayoshi Yamamoto, Tomoko Machino, Tomoya Hoshi, Akira Sato, Tomoko Ishizu, Masaki Ieda, University of Tsukuba, Tsukuba, Japan

014 - ASSOCIATION BETWEEN HOSPITAL CARDIOVASCULAR PROCEDURAL VOLUMES AND CLINICAL OUTCOMES FOLLOWING TRANSCATHETER MITRAL VALVE REPAIR

Dhaval Kolte, Neel Butala, Kevin Kennedy, Sammy Elmariah, Massachusetts General Hospital, Boston, MA, USA

015 - LONG-TERM OUTCOMES OF TRANSCATHETER MITRAL VALVE REPLACEMENT USING A BALLOON EXPANDABLE VALVE

Marvin H. Eng, Faraj Kargoli, Tiberio M. Frisoli, Dee Dee Wang, James Chihong Lee, Pedro Villablanca, Mayra Guerrero, Adam Greenbaum, Chak-Yu So, Guson Kang, Janet Fredal Wyman, William W. O'Neill, Henry Ford Hospital, Detroit, MI, USA

016 - TRANSCATHETER AORTIC VALVE REPLACEMENT IMPROVES MITRAL VALVE REGURGITATION AND PATIENT OUTCOMES

Seyed Hossein Aalaei Andabili, Adriana Della Porta, Anthony Bavry, Siddharth A. Wayangankar, George Arnaoutakis, John Petersen, Ashkan Karimi, Thomas Beaver, R. David Anderson, University of Florida, Gainesville, FL, USA

017 - LACK OF ASSOCIATION OF MITRAL VALVE GRADIENT AFTER MITRALCLIP WITH OUTCOMES IN FUNCTIONAL MITRAL REGURGITATION: RESULTS FROM THE COAPT TRIAL

Rim Halaby, Howard Herrmann, Scott Lim, Saibal Kar, Kar, JoAnn Lindenfeld, William Abraham, Paul A. Grayburn, Federico M. Asch, Neil J. Weissman, Yiran Zhang, Michael Mack, Gregg Stone, University of Pennsylvania, Philadelphia, PA, USA, Cardiovascular Research Foundation, New York, NY, USA

018 - ALCOHOL SEPTAL ABLATION FOR SUCCESSFUL TREATMENT OF THE LEFT VENTRICULAR OUTFLOW TRACT OBSTRUCTION IN FABRY DISEASE

David Zemanek, Tomas Palecek, Josef Marek, Sudheera Magage, Gabriela Dostálová, Aleš Linhart, General University Hospital, Praha, Czech Republic

019 - 3D ECHOCARDIOGRAPHIC ASSESSMENT OF MITRAL ANNULAR DIMENSIONS AND RISK OF MITRAL STENOSIS AFTER TRANSCATHETER MITRAL VALVE REPAIR

Mohammed Hasan Khan, Syed Zaid, Joshua Goldberg, Tanya Dutta, Cenap Undemir, Joanne Bennett, Martin Cohen, Steven Lansman, Gilbert Tang, Hasan Ahmad, Daniel Spevack, Westchester Medical Center, Valhalla, NY, USA, Mount Sinai, New York City, NY, USA

020 - IMPACT OF CHANGE IN PULMONARY ARTERY PULSATILITY INDEX ON ALL-CAUSE MORTALITY AFTER PERCUTANEOUS MITRAL VALVE REPAIR

Heajung L. Nguyen, Parntip Chertboonmuang, Eric Yang, Gabriel Vorobiof, Ali Nsaïr, Olcay Aksoy, Marcella Calfon-Press, Rushi Parikh, University of California Los Angeles, Los Angeles, CA, USA

021 - TRENDS IN SURGICAL LEFT ATRIAL APPENDAGE CLOSURE IN PATIENTS UNDERGOING VALVULAR HEART SURGERY FROM 2010 TO 2014: RESULTS FROM THE NATIONAL INPATIENT SAMPLE (NIS) DATABASE

Rakhee R Makhija, Sarah Westcott, Thomas W. Smith, Jason Rogers, Gagan Singh, University of California, Davis Medical Center, Sacramento, CA, USA





022 - OUTCOMES OF TRANSCATHETER MITRAL VALVE REPAIR IN THE ELDERLY: ANALYSIS OF THE NATIONAL INPATIENT SAMPLE DATABASE

Ahmed Al-Ogaili, Ahmed Kolkailah, Hitesh Chawla, Nawaf Al-Hashemi, Ali Ayoub, Cook County Health, Chicago, IL, USA

023 - PROCEDURAL AND CLINICAL OUTCOMES OF TRANSCATHETER MITRAL VALVE REPAIR USING THE MITRACLIP SYSTEM IN PATIENTS WITH SEVERE MITRAL REGURGITATION AND SMALL MITRAL VALVE AREA

Homam Ibrahim, Joseph Tovar, Illya Pushkar, Carlos Gonzalez Lengua, Jorge Fuentes, Hasan Jilaihawi, Michael Querijero, Alan Vainrib, Cezar Staniloae, Muhamed Saric, Mathew Williams, NYU Langone, New York, NY, USA

024 - TRANSCATHETER MITRAL VALVE REPAIR WITH MITRACLIP IN PATIENTS WITH ATRIAL FUNCTIONAL MITRAL REGURGITATION: RESULTS FROM A SINGLE CENTER REGISTRY

Kwame Atsina, Jiunn Yap, Timothy Jordan, Edris Aman, Lily Chen, Thomas W. Smith, Dali Fan, Jason Rogers, Gagan Singh, University of California Davis Medical Center, Sacramento, CA, USA

025 - UTILIZING THE STRUCTURAL HEART TEAM TO IMPROVE OUTCOMES AND EFFICIENCY OF CARE FOR STRUCTURAL HEART PATIENTS

Morgan Harloff, Sameer Hirji, Edward Percy, Farhang Yazdchi, Alexandra Malarczyk, Siobhan McGurk, Sary Aranki, Prem S. Shekar, Tsuyoshi Kaneko, Brigham and Women's Hospital, Boston, MA, USA

026 - ON THE DYNAMICS OF THE NEO-LVOT FOLLOWING TRANSCATHETER MITRAL VALVE REPLACEMENT WITH ANTERIOR LEAFLET LACERATION

Keshav Kohli, Zhenglun Alan Wei, Vahid Sadri, John Lisko, Jaffar Khan, Robert Lederman, Philipp Blanke, John Oshinski, Vasilis Babaliarios, Ajit Yoganathan, Georgia Institute of Technology, Atlanta, GA, USA, Emory University, Atlanta, GA, USA

027 - SURVIVAL IN CLINICALLY SIGNIFICANT TRICUSPID REGURGITATION PATIENTS WITH AND WITHOUT HEART FAILURE: EVIDENCE FROM OPTUM'S INTEGRATED DATABASES

Colin M. Barker, David Patrick Cork, Hirsch Mehta, Peter McCullough, William Irish, Joanna Van Houten, Candace Gunnarsson, Sarah Mollenkopf, Patrick Verta, Vanderbilt University Medical Center, Nashville, TN, USA, Edwards Lifesciences, Irvine, CA, USA

028 - ASSOCIATION BETWEEN INSTITUTIONAL MITRAL VALVE PROCEDURE VOLUME AND MITRAL VALVE REPAIR OUTCOMES IN MEDICARE PATIENTS

Colin M. Barker, Matthew R. Reynolds, Michael Reardon, Shannon Murphy, Joanna Van Houten, Ashley Spivey, Sarah Mollenkopf, Ted Feldman, Vanderbilt University Medical Center, Nashville, TN, USA, Edwards Lifesciences, Irvine, CA, USA

029 - A PILOT STUDY OF PATIENTS UNDERGOING TRANSCATHETER PARAVALVULAR LEAK CLOSURE WITH FLUOROSCOPY TRUEFUSION INTEGRATED TEE GUIDANCE

Danielle Sin, Homam Ibrahim, Illya Pushkar, Priya Gaiha, Alan Vainrib, Hasan Jilaihawi, Cezar Staniloae, Mathew Williams, NYU Langone, New York, NY, USA

030 - MEDICAL THERAPY IN PATIENTS WITH FUNCTIONAL MITRAL REGURGITATION: ARE PATIENTS OPTIMIZED IN THE REAL WORLD?

Hirsch Mehta, Peter McCullough, David Patrick Cork, Colin Barker, Joanna Van Houten, Candace Gunnarsson, Sarah Mollenkopf, Patrick Verta, San Diego Cardiac Center, San Diego, CA, USA, Edwards Lifesciences, Irvine, CA, USA

031 - DYNAMIC CHANGES IN THE MITRAL ANNULUS IMPLICATIONS FOR SCREENING FOR TRANSCATHETER MITRAL VALVE REPLACEMENT

Illya Pushkar, Makoto Nakashima, Joseph Tovar, Chloe Kalish, Alan Vainrib, Homam Ibrahim, Kazuhiro Hisamoto, Neuberger Peter, Larry Latson, Michael Querijero, Muhamed Saric, Mathew Williams, Hasan Jilaihawi, NYU Langone Health, New York, NY, USA

032 - PATIENT REPORTED OUTCOMES CAN BE PREDICTED BY CHANGE IN LEFT ATRIAL PRESSURE AND NOT CHANGE OF TRANSMITRAL GRADIENT FOLLOWING MITRACLIP

Keniel F. Pierre, Demilade Adedinsewo, Mohammed Al-Hijji, Mohamad Adnan Alkhoul, Susie Sennhauser, Pragnesh Parikh, Fnu N. Salwa, Charanjit S. Rihal, Peter Pollak, Abdallah El Sabbagh, Mayo Clinic, Jacksonville, FL, USA, Mayo Clinic, Rochester, MN, USA

**Interventional Cardiology - Poster Contributions  
Session #1253**

**Interventional Cardiology: Coronary Intervention: Devices 4**  
Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

033 - DISPARITIES IN THE IMPLANTATION OF MECHANICAL CIRCULATORY SUPPORT FOR CARDIOGENIC SHOCK

Manoj Thangam, Alina Luke, Amit P. Amin, John M. Lasala, Karen E. Joynt Maddox, Washington University, St. Louis, MO, USA

034 - ACUTE OUTCOMES AFTER CORONARY ORBITAL ATHERECTOMY AT CENTERS WITHOUT ON-SITE SURGICAL BACKUP: DIABETICS VERSUS NON-DIABETICS AND IMPACT OF ACCESS SITE

Lakshmi G. Rao, Anila Rao, Zsuzsanna Igyarto, Brad Martinsen, Surya Rao, Daytona Heart Group, Daytona Beach, FL, USA

036 - IMPELLA ASSISTED HIGH RISK PERCUTANEOUS CORONARY INTERVENTION-AN ANALYSIS OF RISK FACTORS ASSOCIATED WITH 30-DAY MORTALITY

Graham Peigh, Arif Jivan, Vikrant Jagadeesan, Aubrey Opyt, Mark Ricciardi, Keith Benzuly, James Flaherty, Division of Cardiology, Northwestern University, Feinberg School of Medicine, Chicago, IL, USA

037 - UTILIZATION OF HEMODYNAMIC SUPPORT DEVICES IN HIGH-RISK PCI: EXPERIENCE FROM A HIGH VOLUME CENTER

Arber Kodra, Adam Prince, Neil Coplan, Lenox Hill Hospital, New York, NY, USA

038 - DRUG-COATED BALLOONS IN THE TREATMENT OF DE-NOVO CORONARY ARTERY DISEASE: A NETWORK META-ANALYSIS OF ALL RANDOMIZED CONTROLLED TRIALS

Babikir Kheiri, Timothy Simpson, Mohammed Osman, Kris Kumar, Qais Radaideh, Harsh Golwala, Punag Divanji, Joaquin Cigarroa, Firas Zahr, Oregon Health & Science University, Portland, OR, USA

039 - BIODEGRADABLE POLYMER SIROLIMUS ELUTING STENT (ORSIRO) VERSUS SECOND GENERATION DURABLE POLYMER DRUG ELUTING STENTS: A META-ANALYSIS OF RANDOMISED TRIALS

Mohammad R. Monjur, Christian F. Said, Paul Bamford, Michael Parkinson, Richard Szirt, Thomas J. Ford, Central Coast Local Health District, Gosford, Australia, University of Newcastle, Newcastle, Australia

040 - VESSEL PREPARATION AND STENT SELECTION ENHANCES STRUT APPPOSITION IN NON-COMPLEX LESIONS AS ASSESSED BY OCT

Joseph Weber, Murtaza Bharmal, Hitoshi Matsukage, Alexandru Marginean, Rohan Kalathiya, John E. Blair, Jonathan D. Paul, Atman P. Shah, Sandeep Nathan, University of Chicago, Chicago, IL, USA

041 - SINGLE CENTER EXPERIENCE OF IMPELLA ASSISTED HIGH RISK PCI IN PATIENTS WITH SEVERE AORTIC STENOSIS

Karupiah Arunachalam, Sharan Rufus Ponniah, Alexis Williams, Kristin Barnes, Tana Ely, Harry D'Agostino, Antonio Sortino, Rizwan Sardar, Aultman Hospital, Canton, OH, USA

042 - THE SINGLE ACCESS TECHNIQUE (SAT) FOR IMPELLA CP® PROTECTED PERCUTANEOUS CORONARY INTERVENTIONS (PCI): A SINGLE CENTER EXPERIENCE



Ganesh Gajanan, Majid Asawaer, Yiannis S. Chatzizisis, Andrew Goldsweig, Poonam Velagapudi, Edward O'Leary, David Barton, University of Nebraska Medical Center, Omaha, NE, USA

035 - LONG TERM CLINICAL OUTCOMES AFTER IMPLANTATION OF ABSORB BVS IN A REAL WORLD SETTING, WITH PRE DILATATION AND GUIDED BY INTRAVASCULAR IMAGING

Sergio Tarbine, Costantino R. Costantini, Costantino Ortiz Costantini, Marcelo Freitas, PR, Marcos Denk, PR, Rafael Macedo, PR, Marcio Luize, PR, Joao Folador, PR, Hospital Cardiologico Costantini, Curitiba, Brazil

#### Interventional Cardiology - Poster Contributions

##### Session #1254

#### Interventional Cardiology: ACS/AMI/Hemodynamics and Pharmacology 4

Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

043 - OUTCOMES AMONG CARDIOGENIC SHOCK PATIENTS ADMITTED ON WEEKENDS

Ahmed Harhash, Kevin Kennedy, Timothy Fendler, Taiyeb Khumri, Anthony Magalski, Michael Nassif, Brett Sperry, Saint Lukes Mid America Heart Institute, Kansas City, MO, USA

044 - RISK STRATIFYING CARDIAC ARREST SURVIVORS FOR CORONARY ANGIOGRAPHY: WHERE DO WE DRAW THE LINE

Ahmed Harhash, Teresa May, Chiu-Hsieh Hsu, David Seder, Karl B. Kern, University of Arizona Sarver Heart Center, Tucson, AZ, USA, Maine Medical Center, Portland, ME, USA

045 - OBESITY-PARADOX AND SHORT-TERM NEUROLOGIC RECOVERY IN SURVIVORS OF OUT OF HOSPITAL CARDIAC ARREST

Tariq Odeh, Jason Grady, Katie Atwell, Ankit Patel, Allison Dupont, Tomohiro Oshimura, Pradyumna Tummala, Nima Ghasemzadeh, Northeast Georgia Medical Center, Gainesville, GA, USA

046 - VF VERSUS PEA AS THE INITIAL CARDIAC ARREST RHYTHM

Daniel Ambinder, Kaustubha Patil, Hikmet Kadioglu, Pace S. Wetstein, Giulio Agnetti, Sarah Fink, Richard S. Tunin, Susumu Tao, Henry Halperin, The Johns Hopkins Hospital, Baltimore, MD, USA

047 - EFFECT OF GENDER ON CLINICAL OUTCOMES IN PATIENTS RECEIVING GENOTYPE-GUIDED ANTIPLATELET THERAPY AFTER PERCUTANEOUS CORONARY INTERVENTION

Chelsea E. Gustafson, Alexis K. Williams, Eric Pauley, Karen E. Weck, Craig R. Lee, George A. Stouffer, Division of Cardiology, UNC School of Medicine, Chapel Hill, NC, USA, Division of Pharmacotherapy and Experimental Therapeutics, UNC Eshelman School of Pharmacy, Chapel Hill, NC, USA

048 - DIFFERENCES IN OUTCOMES OF ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION IN AFRICAN AMERICAN WOMEN VERSUS WOMEN FROM OTHER RACES: A UNITED STATES NATIONAL STUDY

Tasleem Katchi, Sanya Virani, Shaun Smithson, Bryan Curry, Aventura Hospital and Medical Center, Miami, FL, USA

049 - REFINING THE MAXIMAL ALLOWABLE CONTRAST DOSE IN PERCUTANEOUS CORONARY INTERVENTIONS

Joe Aoun, Laith Hattar, Bertrand Jaber, Saint Elizabeth's Medical Center, Tufts University School of Medicine, Boston, MA, USA

050 - POOLED FREQUENCY OF STROKE WITHIN 30-DAYS FOLLOWING MECHANICAL CIRCULATORY SUPPORT WITH IMPELLA 5.0®/LD® DEVICE: A SYSTEMATIC REVIEW AND META-ANALYSIS OF STUDIES PUBLISHED IN THE LAST DECADE (2009-2019)

Rupak Desai, Rushikumar Bhuva, Upenkumar Patel, Ahmed Mahmood, Muhammad Uzair Lodhi, Hee Kong Fong, Tarang Parekh, Kishorbhaj Gangani,

Rajesh Sachdeva, Gautam Kumar, Atlanta VA Medical Center, Decatur, GA, USA, Morehouse School of Medicine, Atlanta, GA, USA

051 - IMPACT OF COMPLETE PERCUTANEOUS CORONARY REVASCULARIZATION ON LONG-TERM OUTCOMES IN ACS PATIENTS WITH MULTIVESSEL CORONARY ARTERY DISEASE

Kentaro Yasuda, Juntendo University Shizuoka Hospital, Nagaoka, Izunokuni-Shi, Japan

052 - TIMING OF IN-HOSPITAL MORTALITY IN ACUTE MYOCARDIAL INFARCTION-CARDIOGENIC SHOCK

Saarwaani Vallabhajosyula, Gregory W. Barsness, Saraschandra Vallabhajosyula, Mayo Clinic, Rochester, MN, USA

#### Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Poster Contributions

##### Session #1261

#### Non Invasive Imaging: MR 4

Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

157 - VALIDATION OF NON-CONTRAST MULTIPLE OVERLAPPING THIN SLAB 4D-FLOW CARDIAC MAGNETIC RESONANCE IMAGING

Nina Rashedi, Luis Landeras, Victor Mor-Avi, Davide Genovese, Peng Lai, Wang Haonan, Kalie Kebed, Isla McClelland, Anja Brau, Martin Janich, Roberto Lang, Amit R. Patel, University of Chicago, Chicago, IL, USA

158 - CARDIOMYOPATHY CHARACTERIZATION AND RISK STRATIFICATION BY CARDIAC MAGNETIC RESONANCE IN DANON DISEASE

Marzia Rigolli, Andrew Kahn, Michela Brambatti, Francisco Contijoch, Eric Adler, University of California, San Diego, La Jolla, CA, USA

159 - PREDICTORS OF ARTIFACT WITH PACEMAKERS AND IMPLANTABLE CARDIOVERTER DEFIBRILLATORS ON CARDIAC MAGNETIC RESONANCE IMAGING: OPTIMIZATION OF PATIENT SELECTION FOR DIAGNOSTIC IMAGE QUALITY

Mostafa Abozeed, Duygu Kocyigit, Deborah Kwon, Scott D. Flamm, Bruce Wilkoff, Christine Louise Jellis, Cleveland Clinic Foundation, Cleveland, OH, USA, Al-Azhar University, Cairo, Egypt

160 - T1 MAPPING FOR MYOCARDIAL TISSUE EVALUATION IN PATIENTS WITH ISCHEMIA AND STABLE CORONARY ARTERY DISEASE: MASS V-TRIAL STUDY GROUP

Matheus Ribeiro, Whady Hueb, Paulo Rezende, Carlos Rochitte, Cesar Nomura, Thamara Moraes, Eduardo Gomes Lima, Gustavo Boros, Fernando Faglion Ribas, Felipe Pereira Camara Carvalho, Guilherme Carvalho, Carlos Serrano, Jose Ramires, Roberto Kalil-Filho, Instituto do Coracao (InCor), Hospital das Clinicas HCFMUSP, Faculdade de Medicina, Universidade de São Paulo, Brazil

161 - NOVEL METHODS IN THE ASSESSMENT OF AORTIC STENOSIS

Gareth Archer, Norman Briffa, Ian Hall, James Wild, Pankaj Garg, Ever Grech, Sheffield Teaching Hospitals NHS Foundation Trust, Sheffield, United Kingdom, University of Sheffield, Sheffield, United Kingdom

172 - VALIDATION OF FULLY AUTOMATED DEEP LEARNING BASED ASSESSMENT OF LEFT VENTRICULAR EJECTION FRACTION FROM CARDIAC MAGNETIC RESONANCE IMAGES

Shuo Wang, Hena Patel, Keith Ameyaw, Miller Tamari, Akhil Narang, Keigo Kawaji, Victor Mor-Avi, Amit R Patel, University of Chicago Medical Center, Chicago, IL, USA

173 - NATIVE T1 MAPPING USING CMR ADENOSINE STRESS PROTOCOL IS ASSOCIATED WITH TROPONIN LEVELS IN PATIENTS WITH CHEST PAIN AND DETECTABLE TROPONINS: SUB-ANALYSIS OF THE CMR-IMPACT TRIAL





Carolyn Park, Jennifer Jordan, Subha V. Raman, Michael Hall, W. Hundley, Chadwick Miller, Wake Forest University, Winston-Salem, NC, USA, Virginia Commonwealth University, Richmond, VA, USA

174 - T1 MAPPING AND EXTRACELLULAR VOLUME FOR THE EVALUATION OF MYOCARDIAL INTERSTITIAL MATRIX IN DIABETIC AND NON-DIABETIC PATIENTS WITH MULTIVESSEL CORONARY ARTERY DISEASE

Gustavo Andre Boeing Boros, Whady Hueb, Paulo Rezende, Cesar Nomura, Carlos Rochitte, Matheus Ribeiro, Anderson Roberto Dallazen, Fernando Fagioni Ribas, Thamara Moraes, Eduardo Gomes Lima, Cibeles Garzillo, Carlos Serrano, Jose Ramires, Roberto Kalil-Filho, Instituto do Coracao (InCor), Hospital das Clinicas HCFMUSP, Universidade de Sao Paulo, Sao Paulo, Brazil

**Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Poster Contributions**

**Session #1262**

**Non Invasive Imaging: Echo 4**

Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

175 - FEASIBILITY OF MYOCARDIAL CONTRAST ECHOCARDIOGRAPHY QUANTITATIVE ANALYSIS IN DIFFERENTIATING CARDIAC MASSES

Qing Zhou, Ye Xiong, Yanxiang Zhou, Renmin Hospital of Wuhan University, Wuhan, People's Republic of China

176 - NOVEL ECHOCARDIOGRAPHIC ASSESSMENT OF RIGHT VENTRICULAR FUNCTION UTILIZING DYNAMIC BASE TO APEX FRACTIONAL SHORTENING

Benjamin Swanson, Kristen Brooks, Farhan Bajwa, Raef Fadel, Sachin Parikh, Henry Ford Hospital, Detroit, MI, USA

177 - NOVEL 3D QUANTIFICATION OF CATHETER BASED MECHANICAL CIRCULATORY SUPPORT DEVICE POSITION

Alexander Qin, Minnu Mudigonda, James N. Kirkpatrick, University of Washington Medical Center, Seattle, WA, USA

178 - THE YIELD OF TRANSTHORACIC AND TRANSESOPHAGEAL ECHOCARDIOGRAMS IN ISCHEMIC STROKE WORK-UP

Beth Foreman, Courtney Campbell, Daniel Sosh, Rebecca Carter, Vivien Lee, David Orsinelli, The Ohio State University Medical Center, Columbus, OH, USA

179 - DETERMINANTS OF SERIAL LEFT VENTRICULAR DIASTOLIC FUNCTIONAL CHANGE AFTER DEVICE CLOSURE OF ATRIAL SEPTAL DEFECT

Chul Shin, Juyoung Kim, Jong-Youn Kim, Pil-Ki Min, Young Won Yoon, Byoung Kwon Lee, Bum-Kee Hong, Se-Joong Rim, Hyuck Moon Kwon, Eui-Young Choi, Division of Cardiology, Heart Center, Gangnam Severance Hospital, Yonsei University College of Medic, Seoul, South Korea

180 - PERICARDIAL ADIPOSE TISSUE THICKNESS AS AN INDICATOR OF CARDIOVASCULAR RISK

Richard Silva Cantillo, Giancarlo Piovanello, Sonia Vicenty, VA Caribbean Healthcare System, San Juan, PR, USA

181 - SEX-DIFFERENCES IN LEFT VENTRICULAR REMODELLING PATTERN BY 3D ECHOCARDIOGRAPHY IN ASSOCIATION WITH THE LONG-TERM RISK OF ALL-CAUSE MORTALITY: FINDINGS FROM THE SOUTHAL AND BRENT REVISITED (SABRE) STUDY

Lamia Al Saikhani, Chloe Park, Therese Tillin, Jamil Mayet, Nishi Chaturvedi, Alun Hughes, University College London, London, United Kingdom, NIHR Imperial College London BRC and Imperial College Healthcare NHS Trust, London, United Kingdom

192 - PHENOTYPING RIGHT VENTRICULAR FUNCTION AND ITS COUPLING WITH THE PULMONARY CIRCULATION IN ACUTE HEART FAILURE

Monica Barki, Maurizio Losito, Michela Maria Caracciolo, Francesco Bandera, Marina Rovida, Eleonora Alfonzetti, Marco Guazzi, IRCCS Policlinico San Donato, Milan, Italy

194 - INDEXED GLOBAL LONGITUDINAL STRAIN AS A PROGNOSTIC MARKER OF REVERSE LEFT ATRIAL REMODELING POST SUCCESSFUL MITRAL VALVE REPAIR IN DEGENERATIVE MITRAL REGURGITATION

Julia Grapsa, Santhi Adigopula, Shahna Suhail, Rawan Y. Elhenawy, Mohammed Khalil, Emin Murat Tuzcu, Tomislav Mihaljevic, Rakesh Suri, Cleveland Clinic Foundation, Cleveland, OH, USA, Cleveland Clinic Abu Dhabi, Abu Dhabi, United Arab Emirates

195 - ASSESSMENT OF FOOT MICROCIRCULATION BY USING SUPERB MICROVASCULAR IMAGING IN PATIENTS WITH CRITICAL LIMB ISCHEMIA

Yuta Suto, Wakana Sato, Takayuki Yamanaka, Teruki Sato, Takako Iino, Katsuhito Seki, Tomohito Suzuki, Ken Terata, Kenji Iino, Hiroyuki Watanabe, Akita University School of Medicine, Akita, Japan

196 - ROLE OF SPECKLE TRACKING ECHOCARDIOGRAPHY FOR ASSESSMENT OF VENTRICULAR FUNCTION IN CHILDREN TREATED WITH ANTHRACYCLINE CHEMOTHERAPY

Rukmini Komarlu, Doaa Shahbah, Francine Erenberg, Seth Rotz, Rabi Hanna, Cleveland Clinic Children's Hospital, Cleveland, OH, USA

197 - STROKE VOLUME CHANGES FROM ADMISSION TO DISCHARGE IN ACUTE HEART FAILURE

Monica Barki, Maurizio Losito, Michela Maria Caracciolo, Marina Rovida, Francesco Bandera, Eleonora Alfonzetti, Marco Guazzi, IRCCS Policlinico San Donato, San Donato Milanese, Italy

198 - THE EFFICACY OF IMPLANTABLE CARDIOVERTER-DEFIBRILLATOR (ICD) FOR PRIMARY PREVENTION OF SUDDEN CARDIAC DEATH (SCD) IN PATIENTS WITH HEART FAILURE (HF) WITH EJECTION FRACTION (EF) 35 PERCENT OR LESS IS NOT AFFECTED BY THE METHOD USED TO ESTIMATE THE EF: INSIGHTS FROM THE SUDDEN CARDIAC DEATH IN HEART FAILURE TRIAL (SCD-HEFT)

Hilda Mariana Gonzalez Bonilla, Nitheesha Ganta, Michael Greenberg, Phillip Hong Lam, Ami E. Iskandrian, Jason Morrisette, Erin Goheen-Thomas, Steve Singh, Ali Ahmed, Washington DC VA Medical Center, Washington, DC, USA, Howard University Hospital, Washington, DC, USA

199 - THE IMPACT OF ANTHRACYCLINE-BASED AND NON-ANTHRACYCLINE-BASED CHEMOTHERAPY ON LEFT VENTRICULAR FUNCTION IN CANCER PATIENTS: A PROSPECTIVE SINGLE CENTER STUDY

Hua Zhong, Bhoomi Mehrotra, Kristine Bond, Sherly Jacob-Perez, Nathaniel Reichel, Haoyi Zheng, St. Francis Hospital, Roslyn, NY, USA

200 - ASSESSMENT OF LEFT ATRIAL FUNCTION AND THE ASSOCIATION WITH LEFT VENTRICULAR FUNCTION IN PAROXYSMAL ATRIAL FIBRILLATION: USING THREE DIMENSIONAL SPECKLE TRACKING ECHOCARDIOGRAPHY

Liwen Bao, Lei Cheng, Lilian Bao, Jun Shen, Shangzhi Hong, Guoqian Huang, Haiming Shi, Huashan Hospital, Fudan University, Shanghai, People's Republic of China

201 - CARDIAC POWER AS A PREDICTOR OF MORTALITY IN SEPSIS

Ashley Roper, Matthew B. Hill, Eli Harris, Roman Zeltser, Amgad Makaryus, Tashina Dussie, Nassau University Medical Center, East Meadow, NY, USA

210 - VARIABILITY IN HEMODYNAMIC PARAMETERS OF PATIENTS BASED ON CARDIAC REMODELING TYPE

Luis Rubio, Rajashekar Jadav, Garvan C. Kane, Sorin Pislaru, Patricia Pellikka, Hector Villarraga, Mayo Clinic, Rochester, MN, USA

211 - TRICUSPID AND MITRAL REMODELING IN ATRIAL FIBRILLATION: A THREE-DIMENSIONAL ECHOCARDIOGRAPHIC STUDY

Xochitl Ortiz-Leon, Edith Posada, Maria Trejo, Juan Betuel Ivey Miranda, Jason Pereira, Ian Crandall, Paul DaSilva, Eileen Bouman, Alyssa Brooks,



Christine Gerardi, Helene Houle, Joseph Akar, Ben A. Lin, Robert McNamara, Bernardo Lombo, José Antonio Arias-Godínez, Lissa Sugeng, Yale University School of Medicine, New Haven, CT, USA

212 - MECHANISM OF AUGMENTED SYSTOLIC ANNULAR EXPANSION IN LATE SYSTOLIC MITRAL VALVE PROLAPSE: ASSESSMENT OF THE PAPILLARY MUSCLES AND LEAFLET DYNAMICS BY ECHOCARDIOGRAPHY WITH SPECKLE TRACKING ANALYSIS

Soshi Hei, Mai Iwataki, Takeshi Onoue, Atsushi Hayashi, Yutaka Otsuji, University of Occupational and Environmental Health, School of Medicine, Kitakyushu, Japan

213 - CHANGES OF LEFT ATRIAL APPENDAGE ORIFICE FOLLOWING PERCUTANEOUS LEFT ATRIAL APPENDAGE CLOSURE USING THREE-DIMENSIONAL ECHOCARDIOGRAPHY

Xochitl Ortiz-Leon, Edith Posada, Wanwen Chen, Alda Bregasi, Ian Crandall, Jason Pereira, Juan Betuel Ivey Miranda, Joseph Akar, Ben A. Lin, Robert McNamara, James Freeman, Jephtha P. Curtis, José Antonio Arias-Godínez, Lissa Sugeng, Yale University School of Medicine, New Haven, CT, USA

214 - LEFT ATRIAL ECHOCARDIOGRAPHIC PARAMETERS PREDICT ONSET OF ATRIAL FIBRILLATION

Ashley Darlington, Mary Carolina Rodriguez Ziccardi, Noreen Nazir, Mark McCauley, University of Illinois Chicago, Chicago, IL, USA

#### Prevention - Poster Contributions

##### Session #1263

##### Prevention: Clinical 4

Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

082 - LONGITUDINAL ASSOCIATION OF LOW DENSITY LIPOPROTEIN TRIGLYCERIDE WITH CARDIOVASCULAR OUTCOMES IN PATIENTS WITH DIABETES AND PRE-DIABETES

Jing-Lu Jin, Jing Sun, Ye-Xuan Cao, Hui-Wen Zhang, Yuan-Lin Guo, Na-Qiong Wu, Cheng-Gang Zhu, Rui-Xia Xu, Ying Gao, Qian Dong, Jian-Jun Li, Fuwai Hospital, Beijing, People's Republic of China

083 - MEASUREMENT-TO-MEASUREMENT BLOOD PRESSURE VARIABILITY AS A PREDICTOR OF CARDIOVASCULAR DISEASE OUTCOMES

Aayush Visaria, Louis Amorosa, Rutgers New Jersey Medical School, Newark, NJ, USA

084 - LONG-TERM RISK OF HEART FAILURE IN WOMEN WITH HYPERTENSIVE DISORDERS OF PREGNANCY

Michael Honigberg, Hilde Kristin Refvik Riise, Anne Kjersti Daltveit, Grethe Seppola Tell, Gerhard Sulo, Jannicke Iglund, Kari Klungsøyr, Nandita Scott, Pradeep Natarajan, Janet Rich-Edwards, Massachusetts General Hospital, Boston, MA, USA, University of Bergen, Bergen, Norway

085 - DIPEPTIDYL PEPTIDASE-4 INHIBITORS WERE ASSOCIATED WITH THE REDUCED LONG-TERM RISK OF ADVERSE CARDIOVASCULAR EVENTS IN JAPANESE DIABETIC PATIENTS FOLLOWING PERCUTANEOUS CORONARY INTERVENTION

Yuichi Chikata, Hiroshi Iwata, Takehiro Funamizu, Shinichiro Doi, Hirohisa Endo, Hideki Wada, Ryo Naito, Hirokazu Konishi, Manabu Ogita, Yoshiteru Kato, Iwao Okai, Tomotaka Dohi, Takatoshi Kasai, Kikuo Isoda, Shinya Okazaki, Kazunori Shimada, Katsumi Miyauchi, Juntendo University, Graduate School of Medicine, Tokyo, Japan

086 - SOCIOECONOMIC AND GEOGRAPHIC DISPARITIES IN CARDIOVASCULAR MORTALITY IN NYC

Adewumi Adekunle, Olusola Olubowale, Shantel Brissett, Damian Kurian, Raiszadeh Farbod, Harlem Hospital, New York, NY, USA, Columbia University, New York, NY, USA

087 - DULAGLUTIDE REDUCES HBA1C IRRESPECTIVE OF ANTIHYPERGLYCEMIC AGENTS, DURATION OF DIABETES, BMI AND WEIGHT LOSS: A POST HOC ANALYSIS FROM THE REWIND TRIAL

Anita Kwan, Hertz Gerstein, Denis Xavier, Jan Basile, Juan Maldonado, Sohini Raha, Manige Konig, Eli Lilly and Company, Indianapolis, IN, USA

088 - UTILITY OF CAC VOLUME FOR PREDICTION OF 10-YEAR CVD MORTALITY WITH A MODEL-AGNOSTIC INTERPRETATION OF MACHINE LEARNING: THE CAC CONSORTIUM

Fay Lin, Gabriel Maliakal, Lohendran Baskaran, Gurpreet Singh, Subhi Al'Aref, Zhuoran Xu, Jeong Choi, A. Maxim Bax, Umberto Gianni, Emma J. Hollenberg, Inge J. van den Hoogen, Alexander van Rosendael, Sara Tantawy, Piotr J. Slomka, Damini Dey, Alan Rozanski, Daniel S. Berman, Matthew J. Budoff, Michael D. Miedema, Khurram Nasir, John A. Rumberger, Seamus P. Whelton, James Min, Michael Blaha, Leslee J. Shaw, Weill Cornell Medicine, New York, NY, USA

089 - CARDIOVASCULAR OUTCOMES OF GERIATRIC PATIENTS WITH PREDIABETES: A NATIONAL PROPENSITY-MATCHED ANALYSIS OF GENDER DISPARITIES

Rupak Desai, Ahmed Mahmood, Rushikkumar Bhuva, Nanush Damarlapally, Fariah Asha Haque, Sandeep Singh, Zarna Bambhroliya, Dyutima Madan, Kishorbhai Gangani, Rajesh Sachdeva, Gautam Kumar, Atlanta VA Medical Center/Emory University, Atlanta, GA, USA, Morehouse School of Medicine, Atlanta, GA, USA

090 - REDUCE-IT ELIGIBILITY AND PREVENTABLE FIRST AND TOTAL CARDIOVASCULAR EVENTS IN THE US POPULATION: AN ANALYSIS OF THE NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY (NHANES)

Nathan D. Wong, Wenjun Fan, Peter Toth, Craig Granowitz, Sephy Philip, University of California, Irvine, Irvine, CA, USA, Amarin Corporation, Bridgewater, NJ

091 - ASSOCIATION BETWEEN CARDIAC VARIABLES AND COGNITIVE FUNCTION IN MIDDLE-AGED ADULTS: ANALYSIS FROM THE DALLAS HEART STUDY-2

Richard Chia, Colby Ayers, Heidi Rosetti, Ambarish Pandey, Jarrett D. Berry, Julia Kozlitina, Mark H. Drazner, Sonia Garg, Ronald Peshock, James A. de Lemos, Rong Zhang, Wanpen Vongpatanasin, University of Texas Southwestern Medical Center, Dallas, TX, USA

102 - THE UTILITY OF FRAMINGHAM SCORE FOR RISK STRATIFICATION AMONG PATIENTS UNDERGOING LIVER TRANSPLANT EVALUATION

Tanya Doctorian, Srishti Nayak, Shuktika Nandkeolyar, Colleen Fearon, David Tryon, Antoine Sakr, Liset Stoletniy, Michael Volk, Dmitry Abramov, Loma Linda University Medical Center, Loma Linda, CA, USA

103 - SHOULD WE REINTRODUCE PREVIOUS VENOUS THROMBOEMBOLISM INTO DECISION-MAKING FOR ANTICOAGULATION IN ATRIAL FIBRILLATION? A NATIONWIDE COHORT STUDY

Thure Overvad, Flemming Skjøth, Ida Ehlers Albertsen, Torben B. Larsen, Mette Søgaard, Gregory Lip, Aalborg University Hospital, Aalborg, Denmark, University of Liverpool, Liverpool, United Kingdom

104 - EFFICACY AND SAFETY OF ALIROCUMAB IN A REAL-LIFE SETTING IN PATIENTS WITH OR WITHOUT FAMILIAL HYPERCHOLESTEROLEMIA: THE ODYSSEY APPRISE STUDY

Daniel Gaudet, José Luis López-Sendón, Maurizio Aversa, Gregory Bigot, Maciej Banach, Alexia Letierce, Megan Loy, Rita Samuel, Isabela Batsu, Patrick Henry, Regeneron Pharmaceuticals, Inc., Tarrytown, NY, USA, Sanofi, NY, USA

105 - IMPACT OF THE 2013 ACC-AHA CHOLESTEROL GUIDELINES ON STATIN PRESCRIBING AMONG OLDER VETERANS FREE OF ASCVD

Ariela R. Orkaby, Joy Vetter, Katherine Kurgansky, Kelly Cho, J. Michael Gaziano, Jane Driver, Luc Djousse, New England GRECC, VA Boston



Healthcare System, Boston, MA, USA, Division of Aging, Brigham & Women's Hospital, Harvard Medical School, Boston, MA, USA

106 - DEVELOPMENT OF A NOVEL 25-YEAR CARDIOVASCULAR MORTALITY INDEX USING THE THIRD NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY

Aayush Visaria, David Lo, Tina Dharamdasani, Rutgers New Jersey Medical School, Newark, NJ, USA

107 - USING NOVEL METHODS TO ASSESS THE IMPACT OF SELECTION BIAS ON STATIN USE AND DEVELOPMENT OF DIABETES IN A NATIONAL CLAIMS DATABASE

Tariq Ali Ahmad, Mohammed Ruzieh, Guodong Liu, Douglas Leslie, Cynthia Chuang, Andrew Foy, Penn State University Medical Center, Hershey, PA, USA

108 - HOW WELL DO CARDIOLOGISTS AND PRIMARY CARE PHYSICIANS RECOGNIZE AND TREAT HETEROZYGOUS FAMILIAL HYPERCHOLESTEROLEMIA: A SURVEY FROM THE NATIONAL LIPID ASSOCIATION

Dean Karalis, Nathan D. Wong, Robert Block, Amy Peterson, National Lipid Association, Orlando, FL, USA

#### Prevention - Poster Contributions

##### Session #1264

##### Prevention: Hypertension 4

Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

109 - HIGH INCIDENCE OF ELEVATED BLOOD PRESSURE AMONG COLLEGIATE FEMALE ATHLETES AT PRE-PARTICIPATION PHYSICAL EVALUATION

Cecil Rambarat, Fred Reifsteck, Yasmeen Taha, James Clugston, Eileen M. Handberg, Joan Street, Monica Towns, Matthew Kelling, Michelle Dimza, Carl J. Pepine, Matthew W. Martinez, Katherine Edenfield, University of Florida, Gainesville, FL, USA, University of Georgia, Athens, GA, USA

110 - ASSESSMENT OF THE INTEGRATION OF AUTOMATED OFFICE BLOOD PRESSURE MONITORING IN AN AMBULATORY CARDIOLOGY CLINIC

Augustus Hough, IV, Stephanie Kaiser, West Palm Beach VA Medical Center, West Palm Beach, FL, USA

111 - MUSIC THERAPY IN PATIENTS WITH HYPERTENSION AND EARLY POST-INFARCTION ANGINA: 17-YEAR EXPERIENCE OF THE MUSIC STUDY

Predrag Mitrovic, Aleksandra Paladin, Mina Radovanovic, Nebojsa Radovanovic, Ida Subotic, Milica Vukicevic, Emergency Hospital, Cardiology Clinic, Clinical Centre of Serbia, Belgrade, Serbia and Montenegro, School of Medicine, University of Belgrade, Belgrade, Serbia and Montenegro

122 - ASSOCIATIONS OF DIABETES AND HYPERTENSION WITH LEFT VENTRICULAR MASS-THE JACKSON HEART STUDY

Arsalan Hamid, Wondwosen K. Yimer, Adebamike A. Oshunbade, Daisuke Kamimura, Donald Clark, III, Ervin Fox, Yuan-I Min, Paul Muntner, Daichi Shimbo, Ambarish Pandey, Amil M. Shah, Robert John Mentz, Daniel Jones, Alain Bertoni, John Hall, Adolfo Correa, Javed Butler, Michael Hall, The University of Mississippi Medical Center, Jackson, MS, USA

123 - IMPACT OF PULSE PRESSURE AND LOW DIASTOLIC BLOOD PRESSURE ON MORTALITY AMONG CARDIAC REHABILITATION PARTICIPANTS

Luke Laffin, Asad Khan, Katherine Lang, Erik Van Iterson, Cleveland Clinic, Cleveland, OH, USA

124 - BLOOD PRESSURE AND TREATMENT PATTERNS BY SEASON IN AUSTRALIAN PRIMARY CARE: AN ANALYSIS OF THE MEDICINEINSIGHT DATABASE

Emily Atkins, Quentin Pilard, Anthony Rodgers, The George Institute for Global Health, Sydney, Australia, UNSW Sydney, Sydney, Australia

#### Prevention - Poster Contributions

##### Session #1265

##### Prevention: Rehabilitation 4

Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

125 - DO NEIGHBORHOOD FACTORS AFFECT PARTICIPATION IN CARDIAC REHABILITATION IN PATIENTS WITH HEART FAILURE WITH REDUCED EJECTION FRACTION?

Andrew Lutz, Emily Guhl, Julia P. Holber, Kwonho Jeong, Kaleab Abebe, Amy Anderson, Jared Magnani, Daniel Forman, Bruce Rollman, University of Pittsburgh, Pittsburgh, PA, USA, University of Pittsburgh School of Medicine, Pittsburgh, PA, USA

128 - USEFULNESS OF CARDIAC REHABILITATION WITH ASSISTANCE FROM HYBRID ASSISTIVE LIMB (HAL) IN PATIENTS WITH CHRONIC HEART FAILURE

Hidekazu Kato, Akira Koike, Longmei Wu, Hiroki Watanabe, Kosuke Hayashi, Hiroshi Kubota, Hiroto Konno, Isao Nishi, Hiroaki Kawamoto, Akira Sato, Akira Matsumura, Kazutaka Aonuma, Yoshiyuki Sankai, Masaki Ieda, University of Tsukuba, Tsukuba, Japan

129 - WOMEN-ONLY CARDIAC REHABILITATION DELIVERY AROUND THE WORLD

Karam Turk-Adawi, Marta Supervia, Francisco Lopez-Jimenez, Anfal M. Adawi, Masoumeh Sadeghi, Sherry L. Grace, York University, Toronto, Canada, Mayo Clinic, Rochester, MN, USA

130 - IMPACT OF SODIUM GLUCOSE COTRANSPORTER 2 INHIBITORS ON CARDIAC REMODELING AND EXERCISE CAPACITY AFTER ACUTE MYOCARDIAL INFARCTION

Daisuke Kitano, Kazuto Toyama, Daisuke Fukamachi, Nobuhiro Murata, Yuki Saito, Mitsumasa Sudo, Sayaka Kurokawa, Yoshihiro Aizawa, Yasuo Okumura, Nihon University School of Medicine, Tokyo, Japan

131 - CHANGES IN OXYGEN CONSUMPTION (NOT ANAEROBIC METABOLISM) DRIVE OUTCOMES AFTER EXERCISE THERAPY IN CARDIAC REHABILITATION

Sergey Kachur, Alban DeSchutter, Carl Lavie, Andrew Elagizi, Rikin Kadakia, Richard Milani, Ochsner Clinic Foundation, New Orleans, LA, USA, University of Queensland School of Medicine, New Orleans, LA, USA

#### Pulmonary Hypertension - Poster Contributions

##### Session #1255

##### Pulmonary Hypertension 4

Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

053 - COMORBIDITIES IN PULMONARY ARTERIAL HYPERTENSION (PAH): INSIGHTS FROM THE REAL-WORLD OPSUMIT® USERS (OPUS) REGISTRY  
Sudarshan Rajagopal, Richard Channick, Kelly Chin, Nick H. Kim, Megan Flynn, Sandrine Leroy, Rose Ong, Graham Wetherill, Vallerie V. McLaughlin, University of Michigan, Ann Arbor, MI, USA, Actelion Pharmaceuticals Ltd., Allschwil, Switzerland

054 - ONE-YEAR CHANGES IN RIGHT VENTRICULAR STRAIN FOLLOWING PULMONARY THROMBOENDARTERECTOMY IN PATIENTS WITH CHRONIC THROMBOEMBOLIC PULMONARY HYPERTENSION

Ashwin Madhan, Andrew Peters, S. Chris Malaisrie, Olga Kisilitsina, Benjamin H. Freed, Daniel R. Schimmel, Michael J. Cuttica, James Thomas, Stuart Rich, Northwestern Memorial Hospital, Chicago, IL, USA



**Special - Poster Contributions**

**Session #1274**

**Spotlight on Special Topics: Innovation and Technology 4**

Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

257 - PATIENT EXPERIENCE WITH DIGITAL NAVIGATION DURING CARDIAC CATHETERIZATION: EARLY FINDINGS FROM ACC DIGITAL TRANSFORMATION NETWORK PIONEER COHORT

Annapoorna Subhash Kini, Usman Baber, Andriy Vengrenyuk, Melody Burgo, Farah Fasihuddin, Natalie Bishop, Sravya Kurra, Shashank Garg, Sarthak Kakkar, Shrawan Patel, Jeffrey Bander, Joseph Sweeny, ashish atreja, Mount Sinai Hospital, New York, NY, USA

258 - THE INTERSECTION OF 3D ANIMATION AND BIFURCATION INTERVENTION: BIFUCAID 3D

Annapoorna Subhash Kini, Andriy Vengrenyuk, Samit Bhatheja, Surbhi Chamaria, Nitin Barman, Samin K. Sharma, Mount Sinai Hospital, New York, NY, USA

259 - AN ELECTRONIC HEALTH RECORD-BASED ALGORITHM TO ALERT CLINICIANS TO THE PRESENCE OF POSSIBLE FAMILIAL HYPERCHOLESTEROLEMIA

Hana Bangash, Joseph Sutton, Omar Elsekaily, Ozan Dikilitas, Justin H. Gundelach, Stephen Kopecky, Robert Freimuth, Pedro Caraballo, Iftikhar J. Kullo, Mayo Clinic, Rochester, MN, USA

260 - RENAL DENERVATION REGULATES LIPID METABOLISM THROUGH AMPK/PGC-1 $\alpha$  PATHWAY IN DIET-INDUCED OBESE RATS

Li Zhuging, Lu Chengzhi, Nankai University, Tianjin, People's Republic of China

261 - WRIST WORN WEARABLE FOR DETECTING ATRIAL FIBRILLATION

Subhash Banerjee, Rahul Banerjee, Lucy Zhuang, Ken Persen, VA North Texas Health Care System, Dallas, TX, USA

262 - CASE SERIES: A SINGLE-CENTER EXPERIENCE IN THREE-DIMENSIONAL PRINTING FOR PRE-OPERATIVE PLANNING: APPLICATIONS IN THE REPAIR OF CONGENITAL HEART DISEASE, AIRWAY STENOSIS, VASCULAR ANOMALIES, AND THE RESECTION OF SOLID ORGAN TUMOR

Natasha Gonzalez, Brian M. Wall, Jennifer Maldonado, Ravi Ashwath, The University of Iowa Stead Family Children's Hospital, Iowa City, IA, USA

263 - ACCURACY OF APPLE WATCH HEART RATE MEASUREMENTS IN PATIENTS WITH OBSTRUCTIVE SLEEP APNEA AND ATRIAL FIBRILLATION

Pauline Huynh, Rongzi Shan, Ngozi Osuji, Jie Ding, Francoise Marvel, Garima Sharma, Seth Shay Martin, Johns Hopkins University School of Medicine, Baltimore, MD, USA

264 - ULTRASOUND TISSUE TEXTURE-BASED ANALYSIS OF MYOCARDIAL FIBROSIS: RADIOMICS AND MACHINE LEARNING APPROACH

Nobuyuki Kagiya, Sirish Shrestha, Jung Sun Cho, Muhammad Khalil, Yashbir Singh, Abhiram Challa, Grace Casacang-Verzosa, Partho P. Sengupta, West Virginia University, Morgantown, WV, USA

**Special - Poster Contributions**

**Session #1275**

**Cardiovascular Team Cases 4**

Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

265 - IMPACT OF AN INPATIENT-FOCUS INTERVENTION PROGRAM ON HEART FAILURE 30-DAY READMISSION RATE: A PRELIMINARY STUDY

Yee Yin Hoo, Wan Nurul Huda Wan Hassan, Wardati Mazlan Kepli, Abdul Muizz Abd Malek, Fan Jie Chen, Prashantini Devadas, Yan Yee Chow, Azrol Amar Azizan, Glendon Seng Kiong Lau, Ping Lik Chua, Hospital Serdang, Kajang, Malaysia

266 - A CASE REPORT OF SYNCOPE FOLLOWING INITIATION OF ISAVUCONAZONIUM

Ai-Chen Ho, George F. Wohlford, IV, Benjamin Van Tassell, May T. Aziz, Kelly G. Hawks, Edoardo Bressi, Oveimar DeLa Cruz, Amir Toor, Antonio Abbate, Virginia Commonwealth University, Richmond, VA, USA

**Special - Poster Contributions**

**Session #1276**

**Spotlight on Special Topics: Shared Decision Making 4**

Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

267 - PHYSICIAN UNDERSTANDING OF PATIENTS' GOALS OF TREATMENT AND CODE STATUS: GOT-CODE STUDY

Kristin M. Stawarski, Gini Jeyashanmugaraja, Gloria Bindelglass, Gilead I. Lancaster, Yale New Haven Health Bridgeport Hospital, Bridgeport, CT, USA

268 - UTILITY OF A "LIMITED CODE" STATUS IN AN INNER CITY COMMUNITY TEACHING HOSPITAL

Kristin M. Stawarski, Gini Priyadarshini Jeyashanmugaraja, Gloria Bindelglass, Gilead Lancaster, Yale New Haven Health Bridgeport Hospital, Bridgeport, CT, USA

**Special - Poster Contributions**

**Session #1277**

**Spotlight on Special Topics: Global Cardiovascular Health 4**

Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

269 - ESTIMATED PREVALENCE OF ISOLATED DIASTOLIC HYPERTENSION IN NEPAL: ANALYSIS OF NEPAL DEMOGRAPHIC AND HEALTH SURVEY 2016

Sumesh Khanal, Samaj Adhikari, Khagendra Dahal, Pawan Acharya, William Beaumont Hospital, Royal Oak, MI, USA

270 - FOUR YEAR OUTCOMES OF A COMPREHENSIVE CARDIOLOGY SERVICE MODEL IN GUYANA

Sheila Liu Klassen, James Warnica, Mahendra Carpen, Debra Isaac, Libin Cardiovascular Institute of Alberta, Calgary, Canada, Georgetown Public Hospital Corporation, Georgetown, Guyana

272 - POOR CARDIOVASCULAR HEALTH IS ASSOCIATED WITH SUBCLINICAL ATHEROSCLEROSIS IN SUB-SAHARAN AFRICAN POPULATIONS: AN H3AFRICA AWI-GEN STUDY

Engelbert A. Nonterah, Abraham R. Oduro, Nigel J. Crowther, Michiel L. Bots, Osman Sankoh, Michele Ramsay, Diederick E. Grobbee, Kerstin Klipstein-Grobosch, Navrongo Health Research Centre, Ghana Health Service, Navrongo, Ghana, Julius Global Health, Julius Center for Health Sciences and Primary Care, University Medical Centre, Utrecht, The Netherlands

**Special - Poster Contributions**

**Session #1278**

**Spotlight on Special Topics: Education and Training 4**

Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

273 - THE STATE OF CARDIOVASCULAR IMAGING TRAINING: RESULTS OF THE IMAGING PROGRAM DIRECTORS SURVEY

Gaby Weissman, Julie B. Damp, Victor Ferrari, Chittur A. Sivaram, James Chihong Lee, Paul Theriot, Todd Villines, Medstar Washington Hospital Center, Washington, DC, USA

274 - IMPACT OF A CARDIAC INTENSIVE CARE UNIT HANDBOOK ON RESIDENT CONFIDENCE WITH CARDIOVASCULAR CRITICAL CARE CONCEPTS

Sarah Adie, Ahmad Abdul-Aziz, Ran Lee, Raymond Yeow, Michael Peter Thomas, University of Michigan, Ann Arbor, MI, USA





275 - ANGIOATLAS: CREATING AN ANGIOGRAPHIC LIBRARY OF CONGENITAL HEART DISEASE

Renelle George, John Lozier, Martin Bocks, UH Rainbow Babies & Children's Hospital, Cleveland, OH, USA

276 - REDUCE INAPPROPRIATE TELEMETRY RENEWAL: IMPROVING PHYSICIAN UNDERSTANDING

Janet Cai, Linle Hou, Payal Parikh, Rutgers - Robert Wood Johnson University Hospital, New Brunswick, NJ, USA

277 - THE GENDER GAP IN THE PURSUIT OF CARDIAC ELECTROPHYSIOLOGY AS A SUBSPECIALTY AMONG CARDIOVASCULAR FELLOWS IN TRAINING

Nashwa Abdulsalam, Anne Rzeszut, Anne Gillis, Sena Kilic, Kristin West, Claire Duvernoy, Marie-Noelle S. Langan, Celina M. Yong, Poonam Velagapudi, Edward O'Leary, University of Nebraska, Omaha, NE, USA

278 - ECG CLUB: A CRITICAL EDUCATIONAL INTERVENTION

Purujit Thacker, Matthew Krinock, Margot Boigon, Jamshid Shirani, St. Luke's University Health Network, Bethlehem, PA, USA, Abington Jefferson Health, Abington, PA, USA

#### Special - Poster Contributions

##### Session #1279

##### **FIT Clinical Decision Making: Arrhythmias and Clinical EP 4**

Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

279 - THROMBUS FORMATION WITH LEFT ATRIAL APPENDAGE OCCLUSION DEVICE

Abraham Lee, Lin Gao, Asif Sewani, George Carayannopoulos, UTMB, Galveston, TX, USA

280 - INAPPROPRIATE SUBCUTANEOUS IMPLANTABLE CARDIOVERTER DEFIBRILLATOR SHOCK CAUSED BY NOISE RESULTING FROM AIR ENTRAPMENT IN THE GENERATOR SCREW SET: A RARE CASE REPORT

Fadi Ghrair, Mary Dohrmann, Sandeep Gautam, University of Missouri-Columbia, Columbia, MO, USA

281 - IDIOPATHIC LATE LEFT VENTRICULAR LEAD DISLODGE MENT LEADING TO PULMONARY EMBOLISM

Abhishek Bose, Zeba Hashmath, Padmastuti Akella, sayf Altabaqchali, Adhirath Doshi, Parag Anilkumar Chevli, Sanjeev Goyal, Saint Vincent Hospital, Worcester, MA, USA

282 - THINKING OUTSIDE THE HEART: EPICARDIAL PACEMAKER FOR RECURRENT VENTRICULAR TACHYCARDIA IN A PATIENT WITH ERDHEIM-CHESTER DISEASE

Nona Jiang, Steffne Kunnirickal, Fiorella Llanos-Chea, Alfred Lee, Joseph Brennan, Yale School of Medicine, New Haven, CT, USA

283 - TORSADES DE POINTES IN SUBSTANCE ABUSE PATIENT WITH NEGATIVE URINE TOXICITY

Catherine Lowe, Christopher Latour, Tanyanan Tanawuttiwat, University of Mississippi Medical Center, Jackson, MS, USA

284 - TACHYCARDIA INVOLVING MULTIPLE ACCESSORY PATHWAYS IN A PATIENT WITH LOEYS-DIETZ SYNDROME

Rohan Patel, Mary Roman, Bruce Lerman, Jim Cheung, New York Presbyterian Hospital, New York, NY, USA, Weill Cornell Medical College, New York, NY, USA

285 - VENTRICULAR TACHYCARDIA CAUSED BY RIGHT VENTRICULAR LEAD

Minar Chhetry, JoonHyuk Kim, Seth Goldbarg, New York-Presbyterian/Queens, Flushing, NY, USA, New York-Presbyterian/Weill Cornell, New York, NY, USA

286 - DIGOXIN TOXICITY: A DYING DIAGNOSIS PRESENTING AS A STEMI

Michelle Dimza, Matthew Kelling, Martin Cerda, Thomas Lewandowski, University of Florida, Gainesville, FL, USA

287 - A PREGNANT WOMAN WITH HISTORY OF HYPERALDOSTERONE-RELATED CARDIAC ARREST: WHAT WOULD YOU DO?

Satyajit Reddy, Aishwarya Pastapur, Mary Carolina Rodriguez Ziccardi, Joan E. Briller, University of Illinois at Chicago, Chicago, IL, USA

288 - ABLATION OF MULTIFOCAL ATRIAL TACHYCARDIA ORIGINATING FROM TWO ATRIAL APPENDAGES IN PATIENT WITH TACHYCARDIA INDUCED CARDIOMYOPATHY

Yingjie Qi, Min Tang, Fuwai Hospital, Beijing, People's Republic of China

289 - MITRAL ANNULUS DISJUNCTION OR SARCOIDOSIS: A CLINICAL CONUNDRUM

Prashanth Mopala, Enrique Soltero Mariscal, Pejman Giglou, Soufian Almahameed, Ashish Aneja, MetroHealth Hospital, Case Western Reserve University, Cleveland, OH, USA

290 - LBBB-RELATED FUNCTIONAL MITRAL REGURGITATION IN PRESERVED EJECTION FRACTION SUCCESSFULLY TREATED WITH CARDIAC RESYNCHRONIZATION THERAPY

Shruti Rao, Andrew Vu, Glenn Egrie, Richard Hongo, California Pacific Medical Center, San Francisco, CA, USA

291 - THE TWISTED TRUTH: IDENTIFYING AND TREATING TORSADE DE POINTES (TDP) IN SURREPTITIOUS DRUG USE

Holly Gaines, Tiffany Mao, Christina Murray, Chittur A. Sivaram, University of Oklahoma Health Sciences Center, Oklahoma City, OK, USA

292 - AN UNUSUAL CASE OF SUSTAINED VENTRICULAR TACHYCARDIA FROM ACUTE PULMONARY EMBOLISM

John Birchak, Arfaat Khan, Gurjit Singh, Claudio Schuger, Waddah Maskoun, Henry Ford Health System, Detroit, MI, USA

293 - EOSINO-FEEL-YA HEART BEAT FAST: A CASE OF VENTRICULAR TACHYCARDIA DUE TO EOSINOPHILIC MYOCARDITIS

Mario Caruso, Nikhil Mehta, Bilal Saqi, Yasotha Rajeswaran, Matthew W. Martinez, Lehigh Valley Health Network, Allentown, PA, USA

294 - TAKOTSUBO CARDIOMYOPATHY-INDUCED TORSADE DE POINTES: ICD OR NO ICD?

Gregory Siroky, James Coromilas, Christopher Maulion, Rutgers-Robert Wood Johnson Hospital, New Brunswick, NJ, USA

295 - DOUBLE SEQUENTIAL EXTERNAL DEFIBRILLATION: UNDERUTILIZED IN REFRACTORY ATRIAL FIBRILLATION

Theodore Richards JR, Mandar Jagtap, Frank McGrew, Tejasqi Munagala, Linnea Lebaron, Dakshin Gangadharamurthy, Likhitesh Jaikumar, Magnolia Regional Health Center, Corinth, MS, USA, Stern Cardiovascular Foundation, Germantown, TN, USA

296 - EVALUATING ASYMPTOMATIC 2:1 CONDUCTION IN A 47-YEAR-OLD

Mary Carolina Rodriguez Ziccardi, Kavin Arasar, Niyada Naksuk, University of Illinois at Chicago, Chicago, IL, USA

297 - DOUBLE WHAMMY: CONCOMITANT PRESENTATION OF AVRT USING MAHAIM PATHWAY AND TYPICAL AVNRT IN PATIENT WITH EBSTEIN ANOMALY

Uyanga Batnyam, Philip Wiener, Michael Viray, Sumeet Mainigi, Allan Greenspan, Albert Einstein Medical Center, Philadelphia, PA, USA

298 - BRUGADA ELECTRICAL STORM: WHERE AGE DOES NOT MATTER

Arsalan Talib Hashmi, Mazin Khalid, Hitesh Raheja, Yisachar Greenberg, Maimonides Medical Center, Brooklyn, NY, USA, NY, USA



299 - POLYMORPHIC VENTRICULAR TACHYCARDIA IN A PEDIATRIC PATIENT: AN UNUSUAL PRESENTATION OF ACUTE MYOCARDITIS

Natalie Shwaish, Bethany Runkel, Lindsey Malloy Walton, Children's Mercy Hospital, Kansas City, MO, USA

300 - AN UNUSUAL CASE OF ABDOMINAL PAIN: RIGHT VENTRICULAR LEAD PERFORATION CAUSING DIAPHRAGMATIC PACING

Lauren Vaughan, Fadol Mohamed, Assad Movahed, Vidant Medical Center, Greenville, NC, USA

301 - VENTRICULAR TACHYCARDIA SECONDARY TO NONISCHEMIC CARDIOMYOPATHY: A CASE WITH VARIABLE CLINICAL BURDEN DURING THE COURSE OF PREGNANCY

Satyaki Chakrabarty, Ioannis Koulouridis, Argyro Papafilippaki, Lucy Bayer-Zwirello, Lana Tsao, St. Elizabeth's Medical Center, Boston, MA, USA, Tufts University School of Medicine, Boston, MA, USA

302 - IT'S ELECTRIC: A MONSTROUS ARRHYTHMOGENIC ANOMALY OF THE LEFT ATRIUM

Akhil Rasim Reddy, Rajiv Singh, Kathleen Brown, Parkview Medical Center, Pueblo, CO, USA

303 - WHEN LIGHTING STRIKES TWICE: LOCAL ANESTHETIC SYSTEMIC TOXICITY AND EPINEPHRINE INDUCED STRESS CARDIOMYOPATHY

Medeona Gjergjindreaj, John Lee, Hakop Hrachian-Haftevani, Columbia Division of Cardiology at Mount Sinai Medical Center, Miami Beach, FL, USA

304 - A SHOCKING CASE OF CORONARY VASOSPASM INDUCED VENTRICULAR FIBRILLATION

Dhananjay Chatterjee, Ramin Ebrahimi, Zenaida Feliciano, Janet K. Han, VA Greater Los Angeles Healthcare System, Los Angeles, CA, USA, University of California, Los Angeles, Los Angeles, CA, USA

305 - REFRACTORY VENTRICULAR TACHYARRHYTHMIA: A RARE, YET LIFE THREATENING PRESENTATION OF CARDIAC SARCOIDOSIS

Adhiraj Bhattacharya, Satyaki Chakrabarty, Najia Idrees, John Wylie, St. Elizabeth's Medical Center, Brighton, MA, USA, Tufts University School of Medicine, Boston, MA, USA

306 - LEFT CARDIAC SYMPATHECTOMY DENERVATION IN A PATIENT WITH LONG QT SYNDROME UNRESPONSIVE TO BETA-BLOCKERS AND CARDIAC PACING

Hector Guillermo Betancourt Del Campo, Gerardo Emilio Pozas Garza, Carlos Sanchez Diaz, José Gildardo Paredes-Vázquez, Hernan Azpiri, Hector Lopez de la Garza, Jaime Alberto Guajardo Lozano, David Rodriguez, Jathniel Panneflek, Vicente Jimenez Franco, Instituto de Cardiología y Medicina Vascular TecSalud, San Pedro Garza García, Mexico, Centro de estudio de la Electrocardiología, San Pedro Garza García, Mexico

307 - CHEMICAL CARDIOVERSION AND ASPIRIN PROPHYLAXIS: A NOVEL MANAGEMENT STRATEGY FOR ATRIAL FIBRILLATION/FLUTTER IN A PATIENT WITH HEMOPHILIA A

Khaled H. Abdulla, Sinan S. Tankut, Jesse A. Doran, Parag Patel, University of Rochester, Rochester, NY, USA

308 - A RARE CAT: CARDIAC CALCIFIC AMORPHOUS TUMOR CAUSING CONDUCTION AND NEUROLOGIC SEQUELAE

Joseph Sonner, Kirk McMurtry, Misti Coronel, Andrew R. Waxler, Penn State Health St. Joseph, Reading, PA, USA

309 - DIFFUSE THE CAUSE FOR YOUR HEART'S PAUSE

Aditya Mehta, Anandbir Bath, Vishal Gupta, Western Michigan University Homer-Stryker M.D. School Of Medicine, Kalamazoo, MI, USA, Ascension Borgess Hospital, Kalamazoo, MI, USA

310 - IMPLANTABLE CARDIOVERTER DEFIBRILLATOR PLACEMENT IN A PATIENT WITH POTENTIALLY REVERSIBLE CAUSES OF LONG QT SYNDROME

Vrinda Vyas, Alisha Khan, Luna Bhatta, SUNY Upstate Medical University, Syracuse, NY, USA

311 - IDIOPATHIC PROXIMAL HIS BLOCK PRESENTING AS 2:1 AV BLOCK

Senthil Anand, Madhurima Home, Vatsal Ladia, Komandoor Srivathsan, Mayo Clinic Arizona, Scottsdale, AZ, USA

312 - LEFT SYMPATHETIC GANGLIONECTOMY FOR REFRACTORY PRIMARY VENTRICULAR FIBRILLATION ARREST OF UNKNOWN ETIOLOGY IN A YOUNG MALE

Yogamaya Mantha, Rakushumimari Harada, Michinari Hieda, Brian D. Le, Texas Health Presbyterian Hospital, Dallas, TX, USA, Institute of Exercise and Environmental Medicine, University of Texas Southwestern Medical Center, Dallas, TX, USA

313 - A HEART-STOPPING ENCOUNTER: A CASE OF COMPLETE HEART BLOCK FROM EPSTEIN-BARR VIRUS-ASSOCIATED MYOCARDITIS

Paul Leis, Ashish Correa, Saman Setareh-Shenas, Pavan Paka, Davendra Mehta, Division of Cardiology, Mount Sinai Heart, Mount Sinai St. Luke's Hospital, New York, NY, USA, Icahn School of Medicine at Mount Sinai, New York, NY, USA

314 - THE LONG-LASTING HIGH: CARDIAC COMPLICATIONS FROM LOPERAMIDE TOXICITY

Yissela Escobedo, Gibbs Wilson, Steven Manuel Costa, Tyler Ellington, Baylor Scott & White Medical Center- Texas A&M Health Science Center College of Medicine, Temple, TX, USA

315 - EMERGENCY TEMPORARY TRANSBAFFLE PACING FOR COMPLETE HEART BLOCK AFTER FONTAN PALLIATION

Sinan Tankut, Ayhan Yoruk, Jeffrey Vinocur, University of Rochester Medical Center, Rochester, NY, USA

316 - ENDOCARDIAL TRANSBAFFLE LEAD PLACEMENT FOR CARDIAC RESYNCHRONIZATION AFTER ATRIAL SWITCH

Sinan Tankut, Ayhan Yoruk, Jeffrey Vinocur, University of Rochester Medical Center, Rochester, NY, USA

317 - 3D MAPPING-GUIDED PACEMAKER REVISION AFTER FONTAN PALLIATION

Sinan Tankut, Ayhan Yoruk, Jeffrey Vinocur, University of Rochester Medical Center, Rochester, NY, USA

318 - CAROTID SINUS SYNDROME DUE TO NECK SQUAMOUS CELL CARCINOMA

Ibrahim Haddad, Joseph Maguire, Mahmoud El Iskandarani, Diana Nunley, East Tennessee State University, Johnson city, TN, USA

319 - PULMONARY VEINS AND POTASSIUM: A CATASTROPHIC CASE OF CREATINE KINASE AFTER CARDIAC ABLATION

Evan Adelstein, Tristan Petrie, Albany Medical Center, Albany, NY, USA

320 - DIGOXIN INDUCED MACULOPAPULAR RASH

Vijay Pratap Singh, Mousa Thalji, Swaiman Singh, The Wright Center for Graduate Medical Education, Scranton, PA, USA, RWJ Barnabas Health, Newark, NJ, USA

321 - LOSING WEIGHT AT THE COST OF YOUR HEART RATE

Akash P. Patel, Sagar Patel, Ketan Koranne, MercyOne North Iowa Medical Center, Mason City, IA, USA





Special - Poster Contributions

Session #1280

FIT Clinical Decision Making: Congenital Heart Disease 4

Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

322 - PULMONARY ARTERY HYPERTENSION DUE TO PATENT DUCTUS ARTERIOSUS

Andrea Soares, Washington University in St. Louis, Saint Louis, MO, USA

323 - VENTRICULAR SEPTAL ANEURYSM MIMICKING RIGHT VENTRICULAR OUTFLOW TRACT (RVOT) MASS IN A PATIENT WITH VENTRICULAR SEPTAL DEFECT (VSD)

Nikhil Mehta, Syed Rafay Ali Sabzwari, Sara Godil, Ghulam Akbar, Raman Singh Dusaj, Neeraj N. Shah, Lehigh Valley Health Network, Allentown, PA, USA, Lankenau Heart Institute, Main Line Health, Wynnewood, PA, USA

324 - WHAT AND WHEN TO DO? A CASE OF ASYMPTOMATIC PULMONARY ARTERY ANEURYSM

Muhammad Talha Ayub, Anupama Rao, Wajeeha Rasool, Muhammad Khalid, Melissa J. Tracy, Rush University Medical Center, Chicago, IL, USA

325 - COR TRIATRIUM DEXTER: A RARE TALE OF THE 'TRIATRIAL' HEART!

Arjun Kanwal, Dimitrios Avgeropoulos, Jason Kaplan, Mary Zulty, Aditya Saini, George Ruiz, MedStar Health Internal Medicine Residency, Baltimore, MD, USA

326 - A SURPRISING CASE OF LATE-ONSET BACTERIAL ENDOCARDITIS ASSOCIATED WITH GORE HELEX SEPTAL OCCLUDER DEVICE SEVEN YEARS SINCE IMPLANTATION

Nazia Alvi, Samia Qadir, Seban Liu, Ankit Patel, Bharat Surani, Michael J. Anderson, Arshad Yousuf, Vikas Patel, Raju Z. Abraham, Riverside Medical Center, Kankakee, IL, USA, University of Chicago, Hyde Park, IL, USA

327 - ANTERIOR SPINAL CORD INFARCTION WITH PATENT FORAMEN OVALE: A CASE REPORT

Bao X. Nguyen, Thomas Gullatt, Noor Subah, Syed Gilani, Tareq Abu Sharif, University of Texas Medical Branch, Galveston, TX, USA

328 - OBSTRUCTING CHIARI NETWORK FACILITATING BLOOD FLOW ACROSS A PATENT FORAMEN OVALE CAUSING HYPOXIA

Rimmy Garg, Tyler Wark, John B. Dudley, James Robertson, Brown University, Providence, RI, USA

329 - THE TWISTED TRUTH: A CASE OF POSSIBLE LEFT CORONARY FROM RIGHT SINUS AND RIGHT CORONARY FROM LEFT SINUS

Sahitya Posimreddy, Biren Patel, Rima Patel, Faye Shamoan, Meherwan Joshi, Bhavik Patel, Saint Joseph University Medical Center, Patterson, NJ, USA

331 - SURGERY, MEDICINES, OR COILS? HOW TO MANAGE A LARGE CONUS ARTERY TO PULMONARY ARTERY FISTULA IN A SYMPTOMATIC PATIENT

Erin Dreessens, Keshav Nayak, Justin Cox, Navy Medical Center, San Diego, CA, USA

332 - SCHWANN IN 60 SECONDS: A WILD RIDE TO TAMPONADE

Adrian Aceves, Gregory Condos, Sarah D. Hodges, Naval Medical Center San Diego, San Diego, CA, USA

333 - FEVER AND A MURMUR: A COMMON CONSTELLATION WITH AN UNCOMMON DIAGNOSIS

Ankeet Bhatt, Selena Li, Marko Boskovski, Hari Mallidi, Patrick T. O'Gara, Brigham and Women's Hospital, Boston, MA, USA

334 - ISOLATION OF LEFT SUBCLAVIAN ARTERY FROM THE LEFT PULMONARY ARTERY IN D-TGA WITH RIGHT AORTIC ARCH

Dana Decarlo, Sunil Saharan, Michael Argilla, NYU Langone Hospital, New York, NY, USA

335 - THE ELECTROCARDIOGRAM IN NONSYSTEMIC VENTRICULAR PACING IN A PATIENT WITH CONGENITALLY CORRECTED TRANSPOSITION OF THE GREAT ARTERIES AND DEXTROCARDIA

Robert Hull, Roy Norris, Pankaj Madan, Linda Huffer, Brooke Army Medical Center, Fort Sam Houston, TX, USA

336 - ABERRANT LEFT INNOMINATE ARTERY WITH A RIGHT AORTIC ARCH: A CAUSE OF LIFELONG DYSPHAGIA AND RECURRENT PNEUMONIA

Andres Samayoa, Michael Jessen, Kemp Kernstine, Isaac Lynch, Timothy Pirolli, Univ. of TX Southwestern Med School, Dallas, TX, USA

338 - AN UNLIKELY COUPLE- CONGENITAL PULMONARY STENOSIS IN THE CONTEXT OF A SINUS VENOSUS DEFECT

Shoheb Ali, Jennifer Hua, Salil Patel, Northside Gwinnett Medical Center, Lawrenceville, GA, USA

339 - RAPID AORTIC HOMOGRAFT DEGENERATION AND VAD SUPPORT IN A NEONATE WITH SINGLE VENTRICLE HEART DISEASE

Humera Ahmed, Sharon Chen, Vamsi Yarlagadda, Christopher Almond, Jenna Murray, David N. Rosenthal, Michael Ma, John Dykes, Katsuhide Maeda, Lucile Packard Children's Hospital/Stanford, Palo Alto, CA, USA

340 - SUB-PULMONIC ANOMALOUS ORIGIN OF THE LEFT MAIN CORONARY ARTERY FROM RIGHT CORONARY CUSP PRESENTING AS VENTRICULAR TACHYCARDIA

James Hammock, Zachary R. Burns, Arka Chatterjee, James Edward Davies, JR, Sara J. Pereira, University of Alabama at Birmingham, Birmingham, AL, USA

341 - RESOLUTION OF PLASTIC BRONCHITIS WITH RIGHT HEART OVERHAUL IN D-TGA

Benjamin H. Hammond, Jared Klein, Tara Karamlou, Kenneth Zahka, Cleveland Clinic, Cleveland, OH, USA

Special - Poster Contributions

Session #1281

FIT Clinical Decision Making: Non Invasive Imaging 4

Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

342 - LEFT VENTRICULAR PSEUDOANEURYSM PRESENTING WITH PERICARDIAL EFFUSION: A RARE COMPLICATION OF MYOCARDIAL INFARCTION

Babar A. Khan, Nureddin Almaddah, Sania Khan, Farhan Ashraf, Raza Askari, Shadwan Alsafwah, Neeraja Yedlapati, The University of Tennessee Health Science Center, Memphis, TN, USA

343 - A CASE OF DIAPHRAGMATIC EVENTRATION MIMICKING CONSTRICTIVE PERICARDITIS

Abhiram Challa, Daniel Brito, Sudarshan Balla, Madhavi Kadiyala, West Virginia University, Morgantown, WV, USA

344 - RIGHT ATRIAL APPENDAGE THROMBUS AS A RESULT OF ATRIAL FIBRILLATION

Aaron Richardson, Michael Omar, Gladys Velarde, Robert Percy, University of Florida College of Medicine Jacksonville, Jacksonville, FL, USA

345 - FUSED ACCESSORY MITRAL SCALLOP CAUSING ASYMMETRIC DOUBLE ORIFICE VALVE

Mina M. Benjamin, Sandeep Banga, Yasir Abdul Ghaffar, Jay Patel, Partho Sengupta, Yasmin S. Hamirani, WVU Heart and Vascular Institute, Morgantown, WV, USA, WVU Department of Medicine, Morgantown, WV, USA



346 - LIPOMATOUS MASS OF THE LIMBUS PORTION OF THE ATRIAL SEPTUM - AN UNUSUAL CAUSE OF DYSPNEA

Priyanka Parajuli, Manjari Regmi, Odalys Estefania Lara-Garcia, Ruby Maini, Debra Doud, Southern Illinois University School of Medicine, Springfield, IL, USA

347 - MANIFESTATION OF TROUSSEAU SYNDROME AS INTRA CARDIAC THROMBUS DETECTED BY ECHOCARDIOGRAM IN PATIENT WITH OCCULT MALIGNANCY

Oluwateniola Olatunde, Ajay Uprety, Vijay Raj, Oluwakanyinsola Adenusi, Tamas Szombathy, SUNY Upstate Medical University Hospital, Syracuse, NY, USA

348 - PRIMARY PERICARDIAL ANGIOSARCOMA WITH PULMONARY METASTASES: A RARE OCCURRENCE

Dharmini Manogna, Devesh Rai, Bipul Baibhav, Rochester General Hospital, Rochester, NY, USA

349 - METASTATIC OVARIAN CANCER WITH PERITONEAL CARCINOMATOSIS PRESENTING WITH SYNCOPE

Alexander Dang, Mohamad Khaled Soufi, Mostafa Shalaby, University of Texas Medical Branch, Galveston, TX, USA

350 - LARGE LEFT VENTRICULAR ANEURYSM IN PATIENT WITH PERICARDIAL EFFUSION

Kainat Khalid, Northshore University Hospital, Manhasset, NY, USA

351 - THE CHEST PAIN PUZZLE

Ying Wang, Lanchau Kha, Anastasia Oikonomou, Patrick Veit-Haibach, Shaheeda Ahmed, University of Toronto, Toronto, Canada

352 - A NEW LEFT ATRIAL MASS AFTER SURGICAL REMOVAL OF MULTIPLE CARDIAC MYXOMAS? ANOTHER MYXOMA!

Ali Hamoudi, Vian Taqi, Jeffrey Schechtman, Mustafa Al Qaysi, Rosalind Franklin University, Lake Bluff, IL, USA

353 - CHEMOTHERAPY RESPONSIVE APICAL LEFT VENTRICULAR METASTASIS FROM RENAL CELL CARCINOMA

Robert Drutel, Neeraj Jain, Frederick Helmcke, Louisiana State University Health Science Center, New Orleans, LA, USA

354 - MANAGEMENT CONSIDERATIONS FOR DIFFUSE LARGE B-CELL LYMPHOMA WITH RIGHT ATRIAL METASTASES

Antoinette Birs, Andrew Cheng, University of Washington, Seattle, WA, USA

355 - TO PACE OR NOT TO PACE: CONDUCTION DISEASE AS A COMPLICATING FEATURE OF INFILTRATIVE LYMPHOMAS

Pritha Subramanyam, Syed S. Mahmood, William Dinsfriend, Peter Martin, Jonathan Weinsaft, Jim Cheung, NewYork-Presbyterian Hospital, Weill Cornell Medical Center, New York City, NY, USA

356 - UNIQUE PRESENTATION OF CARCINOID HEART DISEASE

Kieun Seok, Oladele Akinsiku, Allan Chen, University of South Florida, Tampa, FL, USA

357 - NOT ALL INFANT MURMURS ARE BENIGN: A RARE INFLAMMATORY MYOFIBROBLASTIC TUMOR IN THE RIGHT VENTRICLE OF AN INFANT

Bridget Curley, Liezl Domingo, Augusta University, Augusta, GA, USA

358 - A WORKUP ON RECURRENT STROKE: WHAT DID WE MISS?

Carolyn Park, Min Pu, Bharathi Upadhyay, Li Zhou, Wake Forest University, Winston-Salem, NC, USA

359 - IDENTIFYING THE CAUSE OF ISCHEMIC STROKE IN A YOUNG WOMAN USING MULTIMODALITY IMAGING

Jesse Goitia, Morris Salem, Joe Hsu, Maereg Wassie, Franz Schweis, Navdeep Sangha, Daniel R. Sanchez, Ming-Sum Lee, Kaiser Permanente Medical Center, Los Angeles, CA, USA

360 - PERICARDIAL LIPOMA PRESENTING AS UNSTABLE ANGINA

Riju Banerjee, Jacqueline Kenitz, Sanjay Samy, William Alderisio, Neil Yager, Stacey L. Langford, Joshua Schulman-Marcus, Albany Medical Center, Albany, NY, USA

361 - CORONARY ARTERY FISTULA PRESENTING AS RARE PRESENTATION OF RECURRENT PERICARDITIS

Prakrity Urija, Raviteja Guddeti, Nagarjuna reddy Gujjula, Dixitha Anugula, Dennis Esterbrooks, CHI health Bergan Mercy Creighton University Medical center, Omaha, NE, USA

362 - HEART WITH SOME GUTS: TRAUMA INDUCED INTRA-PERICARDIAL DIAPHRAGMATIC HERNIA

Hamza Hafeez, Sharath Rajagopalan, Abdul Haseeb, Mirza Mujadil Ahmad, Mousa Thalji, najam saqib, Muhammad Siddique Pir, Sangeeta Prabhakar Bhat, Sreelatha Naik, The Wright Center for Graduate Medical Education, Scranton, PA, USA, Geisinger Wyoming Valley Medical Center, Wilkes Barre, PA, USA

363 - WHO NEEDS TISSUE? A MULTIMODALITY IMAGING APPROACH FOR THE DIAGNOSIS OF ISOLATED CARDIAC SARCOIDOSIS

David Louis, Alexa Papaila, Wasiq Sheikh, Michael Atalay, Brian Abbott, Warren Alpert Medical School of Brown University, Providence, RI, USA

364 - A RARE CASE OF PRIMARY CARDIAC UNDIFFERENTIATED PLEOMORPHIC SARCOMA

David Louis, Anshul Parulkar, Raymond R. Russell, III, Warren Alpert Medical School of Brown University, Providence, RI, USA

365 - RECURRENT CHYLOPERICARDIUM FOLLOWING SVC LACERATION: A UNIQUE LOCATION OF LYMPHATIC INJURY

Cameron Incognito, Kristine Posadas, Alan Kiang, Todd Brophy, Zachary Il'Giovine, Michael Faulx, Cleveland Clinic Foundation, Cleveland, OH, USA

366 - BREAKING THE CYCLE: SUDDEN CARDIAC DEATH IN A YOUNG, HEALTHY ADULT

Vishak Kumar, Tushina Jain, James Earls, John Lichtenberger, Andrew D. Choi, The George Washington University School of Medicine, Washington, DC, USA

367 - HEPATIC CYSTS INDUCED EXTRA-CARDIAC COMPRESSION OF RIGHT ATRIUM: AN UNCOMMON CARDIAC COMPLICATION

Le Van Tuyen, Vien T. Truong, Quoc V. P. Bui, Tam NM. Ngo, Minh A. Vo, Duc H. Nguyen, Quang Tri General Hospital, Dong Ha, Viet Nam

#### Special - Poster Contributions

##### Session #1282

**FIT Clinical Decision Making: Heart Failure and Cardiomyopathies 4**  
Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

368 - TWISTS AND TURNS: AN UNUSUAL INTRA-ABDOMINAL CAUSE OF HEART FAILURE

Parth M. Joshi, Debapria Das, Chu Hyun Kim, Benjamin Reid, Saint Louis University School of Medicine, St. Louis, MO, USA

369 - THE DISTANCE A HEART CAN TRAVEL: THE BENEFITS OF A NEW HEART DONOR ALLOCATION SYSTEM

Carmel Moazez, Rebecca Chester, Danish Atwal, Bryan Hardaway, Lisa Lemond, Julie Rosenthal, Robert L. Scott, Eric Steidley, Creighton University-Maricopa Medical Center, Phoenix, AZ, USA, Mayo Clinic Arizona, Scottsdale, AZ, USA

370 - A JOURNEY OF PERICARDITIS



Chomchanok Suraditnan, Tarinee Tangcharoen, Ramathibodi hospital, Bangkok, Thailand

371 - SYNCOPE IN A PATIENT PRESENTING WITH ACUTE PANCREATITIS: A CASE OF HYPERTROPHIC OBSTRUCTIVE CARDIOMYOPATHY

Patrick Jones, Jacqueline Dowe, The Medical Center, Bowling Green, KY, USA

372 - CARDIAC AMYLOIDOSIS: A CASE SERIES OF 5 PATIENTS, DIAGNOSTIC CHALLENGES AND RECENT ADVANCEMENT IN THE TREATMENT OF ATTR AMYLOIDOSIS

Tanvir Rahman, Vikram V. Agarwal, Craig K. Reiss, St. Luke's Hospital, Chesterfield, MO, USA

373 - IRON OVERLOAD CARDIOMYOPATHY PRESENTING AFTER LIVER TRANSPLANTATION

Aziz Hammoud, Ernesto Ruiz, Alexandros Briasoulis, Paulino Alvarez, University of Iowa Hospitals & Clinics, Iowa City, IA, USA

374 - NOW YOU SEPTUM, NOW YOU DON'T

Evan Foster Shalen, Ahmad Munir Masri, Stephen B. Heitner, Oregon Health and Science University, Portland, OR, USA

375 - FULMINANT MYOCARDITIS MASQUERADING AS ACUTE CORONARY SYNDROME: LOOK BEYOND WHAT YOU SEE

Archan Jaspattananon, Arisara Suwanagool, Patranee Leelapatana, Wiwun Tungsubutra, Division of Cardiology, Department of Medicine, Faculty of Medicine Siriraj Hospital, Bangkok, Thailand

376 - OVERLAPPING PHENOTYPES: A CASE REPORT OF LEFT VENTRICULAR NONCOMPACTION CONCEALED IN HYPERTROPHIC CARDIOMYOPATHY WITH PROGRESSING HEART FAILURE

Yulong Xia, Min Li, Kang Li, Qinshui Sheng, Haoyu Weng, Wenhui Ding, Jing Zhou, Kai Zhao, Peking University First Hospital, Beijing, People's Republic of China

377 - SNAKE OILS AND SHOCK: SUPPLEMENT AND ESSENTIAL OIL INGESTION LEADING TO ANTHRACYCLINE-LIKE TOXICITY AND CARDIOGENIC SHOCK

Sara Gianfagna, Leway Chen, Bruce Goldman, Elizabeth Lee, University of Rochester, Rochester, NY, USA

378 - RAPIDLY PROGRESSIVE HEART FAILURE AND CHEST PAIN AS THE INITIAL MANIFESTATION OF SYSTEMIC AL AMYLOIDOSIS

Adil Hassan, Giselle Statz, Dennis Firchau, Paulino Alvarez, Kimberly Delcour, University of Iowa Hospitals and Clinics, Iowa City, IA, USA

379 - RECURRENT THROMBOSIS IN A PATIENT WITH BIVENTRICULAR ASSIST DEVICES

Laura Onderko, Jared Tobolski, Lori Barron, Samuel Tristram Coffin, Andrew Schwartzman, Maxwell Afari, Esther Shao, Maine Medical Center, Portland, ME, USA

380 - RECURRENT AND LIFE-THREATENING PERIPARTUM CARDIOMYOPATHY: DIAGNOSIS, DELIVERY CONSIDERATIONS AND MANAGEMENT

Summer Aldrugh, Ely Gracia, Colleen Harrington, Theo Meyer, Lara Kovell, University of Massachusetts, Worcester, MA, USA

381 - REGRESSION OF SEVERE LEFT VENTRICLE HYPERTROPHY AFTER MEDICAL TREATMENT OF GLUCOCORTICOID-SUPPRESSIBLE PRIMARY ALDOSTERONISM

Luiz Aparecido Bortolotto, Raif R. Simao, Marcus Agrela, Madson Q. Almeida, Maria C. B. V. Fragoso, Heart Institute, Sao Paulo, Brazil, Hospital das Clinicas FMUSP, Sao Paulo, Brazil

382 - DOBUTAMINE STRESS ECHOCARDIOGRAM (DSE) INDUCED TAKOTSUBO SYNDROME: A RARE COMPLICATION OF A COMMON NON-INVASIVE DIAGNOSTIC TEST

Priyanka Parajuli, Manjari Regmi, Odalys Estefania Lara-Garcia, Debra Doud, Arvind Garg, Ish Singla, Southern Illinois University School of Medicine, Springfield, IL, USA, Springfield Clinic, Springfield, IL, USA

383 - THE SIN OF THE EOSINOPHIL

Raghav Gattani, Amy Goodrich-Harris, Joshua Sill, Eastern Virginia Medical School, Norfolk, VA, USA

384 - KEEPING IMMUNE CHECKPOINT INHIBITOR MYOCARDITIS IN CHECK: SIMULTANEOUS VENOARTERIAL ECMO AND IMPELLA SUPPORT AS A BRIDGE TO RECOVERY

Ashley Stein-Merlob, Jeffrey Hsu, Bradley Colton, Christopher Berg, Allison C. Ferreira, Arnold Baas, Mario Deng, Rushi Parikh, Eric Yang, University of California Los Angeles, Los Angeles, CA, USA

385 - CARCINOID HEART DISEASE: A RARE COMPLICATION OF PRIMARY OVARIAN CARCINOID TUMOR

Amogh Joshi, Emilee Kurtz, Sagar Vadhar, Tarick Sheikh, Kevin Hess, Tyler Boozel, Yasotha Rajeswaran, Lehigh Valley Health Network, Allentown, PA, USA

386 - GILTERITINIB MEDIATED HYPOTHYROIDISM PRESENTING AS A LARGE PERICARDIAL EFFUSION

Amogh Joshi, Emilee Kurtz, Rebecca Lopes, Tarick Sheikh, Sagar Vadhar, Paul Corotto, Lehigh Valley Health Network, Allentown, PA, USA

387 - RIGHT SIDE HEART FAILURE SECONDARY TO CARCINOID TUMOR

Alejandro Sanchez, Mariani Salazar Leon, Pamela Contreras, Department of Medicine, Advocate Illinois Masonic Medical Center, Chicago, IL, USA

388 - WHEN OUR DEFENSES BETRAY US: HYPEREOSINOPHILIC SYNDROME

Carla Colón-Núñez, Alfredo Lamela-Domenech, Skarlet Patiño-Velazquez, Marcel Mesa-Pabon, University of Puerto Rico School of Medicine, Internal Medicine Department, San Juan, PR, PR

389 - VENTRICULAR ANEURYSMECTOMY: AN OLD MODALITY OF TREATMENT APPLIED TO ELECTRICAL STORM IN A PATIENT WITH MID-VENTRICULAR HYPERTROPHIC MYOCARDIOPATHY

Nágela Simão Vinhosa Nunes, Joelma Dominato, Mario R. Amar, João C. Tress, Thereza C. D. Estrada, Carmen Tagliaferri, José J. Sobrinho, Daniel G. Neves, Wolney Martins, Complexo Hospitalar de Niterói, Niterói, Brazil, Hospital Universitário Antônio Pedro, Niterói, Brazil

390 - MID-VENTRICULAR TAKOTSUBO CARDIOMYOPATHY MIMICKING ACUTE CORONARY SYNDROME

Jason Feinman, Matthew Ian Tomey, Icahn School of Medicine at Mount Sinai, New York, NY, USA, Zena and Michael A. Wiener Cardiovascular Institute, New York, NY, USA

391 - ACUTE DECOMPENSATED HEART FAILURE: A RARE INITIAL PRESENTATION OF RHEUMATOID ARTHRITIS

Heyvan B. Khalil, Veena Gujju, Usman A. Bhatti, Mukta Agrawal, Stavros Stavrakis, University of Oklahoma Health Sciences Center, Oklahoma City, OK, USA

392 - LEFT VENTRICULAR ASSIST DEVICE AND CARDIAC TRANSPLANTATION IN A PATIENT WITH CONGENITAL HUMAN IMMUNODEFICIENCY VIRUS INFECTION

Christian Inchaustegui, Ashley Patel, Andrew Brown, Baylor College of Medicine, Houston, TX, USA

393 - SHOSHIN BERIBERI PRESENTING AS NEW ONSET SYSTOLIC HEART FAILURE AND REFRACTORY HYPOTENSION

Robert Camacho, Jeremy White, Todd Brown, University of Alabama at Birmingham, Birmingham, AL, USA



394 - INSIGNIFICANT APICAL LEFT VENTRICULAR DIVERTICULUM: THINK AGAIN

Phanindra Antharam, April Hess, Gautam Sachdeva, Roxanne Newman, Sunita Sharma, Sanford Health, Fargo, ND, USA, University of North Dakota Health and Medical Sciences, Fargo, ND, USA

395 - UNEXPECTED MYOCARDIAL DYSFUNCTION: POLYMYOSITIS PRESENTING AS MINOCA

Juan Miguel Guerrero, Heron Gaspar Mendez, Juan Carlos Tirado, Ivan Fajardo, Silvia Jimenez, Instituto Nacional de Cardiologia Ignacio Chavez, Mexico City, Mexico

396 - TYPE II MIXED CRYOGLOBULINEMIA-INDUCED HEART FAILURE

Bishoy Abraham, Photios Vassilyadi, Sara Samaan, Andrew Boshara, Michael Frederick, Ascension Saint John Hospital, Detroit, MI, USA

397 - A CASE OF AL AMYLOID WITH CARDIOMYOPATHY AND MULTIORGAN INVOLVEMENT: WHEN LVAD SUPPORT IS NOT ENOUGH

Daniel Ng, Rola Khedraki, James Heywood, Ajay V. Srivastava, Rajeev Mohan, Scripps Clinic, Prebys Cardiovascular Institute, La Jolla, CA, USA

398 - RESUSCITATION OF A PATIENT WITH EXTREMIS CARDIOGENIC SHOCK, TAKOTSUBO CARDIOMYOPATHY CAUSED BY PHEOCHROMOCYTOMA

Serafim Perdakis, Robert L. Gillespie, Ajay Yadlapati, Brian Jaski, Sharp Memorial Hospital, San Diego, CA, USA

399 - A CANCER PATIENT WITH A BROKEN HEART

Siyi Huang, Zi Ying Li, Bhavik Khatri, University of California, San Francisco, Fresno, Fresno, CA, USA

400 - IMMUNE CHECKPOINT INHIBITOR INDUCED MYOCARDITIS MIMICKING MYOCARDIAL INFARCTION

Jinglin Gu, Yuxi Li, Lan Gao, Pengkang He, Dan Liu, Changsong Qi, Jifang Gong, Xi Cao, Wei Ma, He Wang, Songyun Chu, Yueyuan Li, WENHUI DING, Lin Shen, Jianping Li, Peking University First Hospital, Beijing, People's Republic of China, Peking University Cancer Hospital, Beijing, People's Republic of China

401 - AN UNUSUAL PRESENTATION OF PERIPARTUM CARDIOMYOPATHY

Ayesha Shaik, Nirav Patel, Ayesha Azmeen, Jason Gluck, Jeffrey Kluger, University of Connecticut Health Center, Farmington, CT, USA, Hartford Hospital, Hartford, CT, USA

402 - THE BRIDGE THAT PROVIDES A PASSAGE THROUGH STORMS

Saranya Temprasertudee, Teerapat Yingchoncharoen, Ramathibodi hospital, Mahidol University, Bangkok, Thailand

403 - CARVEDILOL REVEALS REVERSIBLE CATECHOLAMINE

CARDIOMYOPATHY DUE TO METASTATIC PARANGANGLIOMA

Matt Nazari, Jared Rosenblum, Andrew E. Arai, Karel Pacak, National Institute of Health, Bethesda, MD, USA

404 - LEFT VENTRICLE RECOVERY WITH MECHANICAL CIRCULATORY SUPPORT IN HEAT STROKE RELATED CARDIOGENIC SHOCK

Abdullah Alsheri, Abeer Bakhsh, Lamia Alshengeiti, Yahya Alhebaishi, Prince Sultan Cardiac Center, Riyadh, Saudi Arabia

405 - A NATURAL HISTORY OF COMPLICATIONS: CARDIOGENIC SHOCK A DECADE AFTER ATRIAL FIBRILLATION ABLATION

Leslie Appleton, Ryan Orgel, Kara Jo Sprigg, Jason Katz, Anil Gehi, Larry Klein, Thelsa T. Weickert, Joseph Rossi, University of North Carolina, Chapel Hill, NC, USA

406 - BITTEN FINGERS AND BROKEN HEARTS

Fowler Joiner, Catherine Lowe, Thomas Skelton, University of Mississippi Medical Center, Jackson, MS, USA

407 - AN UNEXPECTED CAUSE FOR ALARM

Dong Bo Yu, Bryan Smith, Labuhn Colleen, Takeyoshi Ota, Gene Kim, University of Chicago, Chicago, IL, USA

408 - A CASE OF FULMINANT CARDIAC SARCOIDOSIS RESEMBLING GIANT CELL MYOCARDITIS

Ginger Jiang, Qizhe Cai, Edward Grandin, Prashant Rao, Arturo Diaz, Peter J. Zimetbaum, Sachin Shah, Paul VanderLaan, Arthur Garan, Marwa A. Sabe, Beth Israel Deaconess Medical Center, Boston, MA, USA

409 - DIAGNOSING STIFF LEFT ATRIAL SYNDROME IN THE SETTING OF MITRAL STENOSIS

Korosh Sharain, Saraschandra Vallabhajosyula, C. Charles Jain, Rick A. Nishimura, Mayo Clinic, Rochester, MN, USA

410 - THE GREAT MIMICKER: AN UNUSUAL CASE OF CARDIAC AMYLOIDOSIS PRESENTING AS HYPERTROPHIC CARDIOMYOPATHY WITH DYNAMIC OBSTRUCTION

Tanushree Agrawal, Isaac Tea, Kinan Carlos El Tallawi, Karen Thomas, Ashrith Guha, Barry Trachtenberg, Imad Hussain, Houston Methodist DeBakey Heart and Vascular Center, Houston, TX, USA

### Special - Hands-on Skills Learning

#### Session #1509

**Basic Echo For the Cardiovascular Team: Hands On**

**Sunday, March 29, 2020, 9:30 a.m. - 10:00 a.m.**

**Personalized Skills Center, Heart Songs Learning Lab - Lounge & Learn, Hall B**

**CME Hours: 0.5 / CNE Hours:**

Co-Chair: Michael J. Barrett

9:30 a.m.

Basic Echo For The Cardiovascular Team: Hands On

Kathy S. Attieh

Bethlehem, PA

9:30 a.m.

Basic Echo For The Cardiovascular Team: Hands On

Juliette Power

Minneapolis, MN

### Special - Events and Meetings

#### Session #5008

**So You Want to be a Chief of Cardiology**

**Sunday, March 29, 2020, 9:30 a.m. - 10:30 a.m.**

**Early Career Lounge - Lounge & Learn, Hall B**

**CME Hours: / CNE Hours:**

Co-Chair: Susan Smyth

Co-Chair: Howard J. Eisen

9:30 a.m.

It is Good to be Chief!

Susan Smyth

Lexington, KY

9:40 a.m.

Or Not

Timothy D. Henry

Cincinnati, OH

9:50 a.m.

It is All About Vision and Mentorship

10:00 a.m.

You've got to know When to Hold It, When to Fold It, When to Walk Away, When to Run

Howard J. Eisen

Hershey, PA





10:10 a.m.  
Is it Possible to be a Quadruple Threat?

10:20 a.m.  
Sounds Great: How do I Become a Cardiology Chief?

10:25 a.m.  
Yes, There is Life After Being A Cardiology Division Chief  
Howard J. Eisen  
Hershey, PA

**Special - Heart 2 Heart Stage**  
**Session #6506**  
**Making the Most of ACC.org: Your Digital Home For Continuous Improvement and Lifelong Learning**  
Sunday, March 29, 2020, 9:30 a.m. - 10:00 a.m.  
Heart 2 Heart Stage - Lounge & Learn, Hall B  
CME Hours: 0 / CNE Hours:

Co-Chair: Ragavendra R. Baliga  
Co-Chair: Kim A. Eagle

9:30 a.m.  
ACC.org Online Learning Portfolio  
Ragavendra R. Baliga  
Columbus, OH

9:40 a.m.  
ACC.org Clinical Topic Collections  
Tina P. Shah  
Bellevue, WA

9:50 a.m.  
Question and Answer

**Valvular Heart Disease - Poster Contributions**  
**Session #1270**  
**Valvular Heart Disease: Clinical 4**  
Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.  
Posters Hall, Hall A  
CME Hours: / CNE Hours:

215 - LONG-TERM CLINICAL OUTCOMES OF SEVERE TRICUSPID REGURGITATION WITHOUT LEFT-SIDE VALVE DISEASE  
Naoki Nishiura, Takeshi Kitai, Akiko Masumoto, Norihisa Miyawaki, Yutaro Miyoshi, Yuta Tsujisaka, Hiroyuki Kono, Mison Paku, Toshiaki Toyoda, Yasuhiro Sasaki, Kitae Kim, Natsuhiko Ehara, Atsushi Kobori, Makoto Kinoshita, Shuichi Kaji, Yutaka Furukawa, Kobe City Medical Center General Hospital, Kobe, Japan

216 - EPICARDIAL ADIPOSE TISSUE PREDICTS THE PRESENCE OF AORTIC VALVE STENOSIS  
Sara Akbar, Jasjit Bhinder, Nicole Zigelbaum, Syed Zaid, Hasan Ahmad, Joshua Goldberg, Joanne Bennett, Gilbert Tang, Daniel Spevack, Corazon Delapena, Tanya Dutta, Westchester Medical Center, Valhalla, NY, USA

217 - NATIONAL TRENDS OF SUBSTANCE USE DISORDER RELATED INFECTIVE ENDOCARDITIS FROM 2002 TO 2016: COMPARISON BETWEEN RURAL AND URBAN AREAS  
Amer N. Kadri, Stephen Lynch, Ahmed Ali, Sara Khodor, Nizam Habhab, Steven W. Werns, Georges N. Nakhoul, Mohamed M. Gad, Adrian V. Hernandez, Brian P. Griffin, Gosta Pettersson, Richard A. Grimm, Jose Luis Navia, Steve M. Gordon, Samir R. Kapadia, Serge Harb, Beaumont Health, Dearborn, MI, USA

218 - THE OBESITY PARADOX IN PATIENTS WITH MODERATE AND SEVERE TRICUSPID REGURGITATION: EFFECTS OF OBESITY ON RIGHT VENTRICULAR REMODELING AND LONG-TERM SURVIVAL

Marlieke Dietz, Edgard Prihadi, Pieter van der Bijl, Nina Ajmone Marsan, Jeroen Bax, Victoria Delgado, Leiden University Medical Center, Leiden, The Netherlands

219 - NO FLOW IN THE DISTAL CORONARY SEGMENT AND REVERSED FLOW AT THE PROXIMAL SEGMENT ARE THE MECHANISMS OF CHEST PAIN IN PATIENTS WITH AORTIC STENOSIS AND PATENT CORONARY ARTERIES  
Duy Chung, Luan Ngo, Loc Tri Vu, Thach N. Nguyen, Gianluca Rigatelli, Tan Tao University, School of Medicine, Long An, Viet Nam, Methodist Hospital, Merrillville, IN, USA

220 - DETECTION OF AORTIC ROOT DILATION IN PATIENTS WITH HYPERTENSION  
Ann Morgenstern, Savannah Bowman, Akanksha Dadlani, Brandon Mikolich, J. Ronald Mikolich, Sharon Regional Medical Center, Sharon, PA, USA, Northeast Ohio Medical University, Rootstown, OH, USA

221 - EPIDEMIOLOGY, RISK AND PREDICTORS OF AORTIC DISSECTION AND ASSOCIATED IN-HOSPITAL MORTALITY IN ADULTS WITH BICUSPID AORTIC VALVE  
Rushikumar R. Bhuvu, Rupak Desai, Dipen Zalavadia, Ahmed Mahmood, Fariah Asha Haque, Zarna Bambhroliya, Nanush Damarlapally, Kishorabhai Gangani, Gautam Kumar, Rajesh Sachdeva, Atlanta VA Medical Center/Emory University, Atlanta, GA, USA, Geisinger Wyoming Valley Medical Center, Wilkes-Barre, PA, USA

222 - LEFT ATRIAL PHASIC VOLUMES AND GLOBAL LONGITUDINAL STRAIN HAVE PROGNOSTIC VALUE IN PATIENTS UNDERGOING TRANSARTERIAL VALVE IMPLANTATION FOR SEVERE AORTIC STENOSIS  
Jonathan Weber, Simcha Pollack, Florentina Petillo, Kristine Bond, Michael Passick, Joseph Flanagan, Eddy Barasch, St Francis Hospital/SUNY at Stony Brook, Roslyn, NY, USA

**Vascular Medicine - Poster Contributions**  
**Session #1268**  
**Vascular Medicine: Non Coronary Arterial Disease 4**  
Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.  
Posters Hall, Hall A  
CME Hours: / CNE Hours:

202 - XANTHINE OXIDASE EXPRESSION IN ATHEROSCLEROTIC CAROTID PLAQUE IS ASSOCIATED WITH PLAQUE VULNERABILITY AND EXPRESSION OF CD163  
Morsaleh Ganji, Valentina Nardi, Nesbitt Lisa, Megha Prasad, Lilach Lerman, Amir Lerman, Mayo Clinic, Rochester, MN, USA

203 - THE UTILITY OF SCREENING FOR HEART FAILURE IN PATIENTS WITH PERIPHERAL ARTERIAL DISEASE  
Katie Murphy, Andrew S. Tseng, Marlene Girardo, David Liedl, Paul Wennberg, Senthil Anand, Lisa Lemond, Fadi Shamoun, Mayo Clinic, Scottsdale, AZ, USA, Mayo Clinic, Rochester, MN, USA

204 - OUTCOMES FOLLOWING ENDOVASCULAR THERAPY IN TYPE B ACUTE AORTIC DISSECTION STRATIFIED BY RISK LEVEL  
Regan Fleisher, Thomas G. Gleason, G. Chad Hughes, Toru Suzuki, Hans-Henning Eckstein, Joseph S. Coselli, Ali Khoynzhad, Clayton Kaiser, Daniel G. Montgomery, Jessica P. Simons, Gilbert R. Upchurch, Jr., Marco Di Eusania, Christoph Nienaber, Himanshu J. Patel, Patrick T. O'Gara, Thoralf M. Sundt, Kim Eagle, University of Michigan, Ann Arbor, MI, USA

205 - TICAGRELOR AND MAJOR ADVERSE LIMB EVENTS: A SYSTEMATIC REVIEW AND META-ANALYSIS  
Marc P. Bonaca, Deepak Bhatt, Philippe Gabriel Steg, Thomas Zelniker, Warren Cappell, William R. Hiatt, Connie Hess, Marc Sabatine, University of Colorado, Aurora, CO, USA, Brigham and Women's Hospital, Boston, MA, USA



**Vascular Medicine - Poster Contributions**

**Session #1269**

**Vascular Medicine: Venous Disease 4**

Sunday, March 29, 2020, 9:30 a.m. - 11:30 a.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

206 - CLINICAL PROFILE AND MANAGEMENT OF PATIENTS WITH ACUTE PULMONARY THROMBOEMBOLISM: A LARGE EXPERIENCE FROM A QUATERNARY CARE CENTRE FROM SOUTHERN INDIA

Aditya Vikram Ruia, Muralidharan Ramamurthy, Nagendra Senguttuvan, Vinodkumar Balakrishnan, Mano Vikash Vallivedu, Bhavindra Ramkumar, Balakrishna Malepati, Sadagopan Thanikachalam, Ramesh Sankaran, Manokar Panchanatham, Jayanty Murthy, Shanmugasundaram Sadhanandham, Jayanty Balasubramaniam, Sri Ramachandra Institute of Higher Education and Research, Chennai, India

207 - ASSESSMENT FOR DYNAMIC EFFECTS OF CISPLATIN-BASED CANCER CHEMOTHERAPY ON COAGULATION AND FIBRINOLYTIC SYSTEM

Wataru Shioyama, Toru Oka, Risa Kamada, Tatsuya Nishikawa, Makiko Oboshi, Taku Yasui, Masashi Fujita, Osaka International Cancer Institute, Osaka, Japan

208 - BIOMARKER CORRELATES OF IMPAIRED VASCULAR HEALTH IN PATIENTS WITH PSORIASIS

Michael Seth Garshick, Ryan Grattan, Tessa Barrett, Michael Tawil, Edward Fisher, James Krueger, Jeffrey Berger, NYU Langone Health, New York, NY, USA

209 - ALARMINGLY RISING TRENDS IN VENOUS THROMBOEMBOLIC EVENTS AND RESPIRATORY FAILURE IN TAKOTSUBO SYNDROME-RELATED HOSPITALIZATIONS IN THE UNITED STATES

Rushikumar R. Bhuvu, Rupak Desai, Ahmed Mahmood, Sonali Sachdeva, Fariah Asha Haque, Nanush Damarlapally, Kishorbbhai Gangani, Zarna Bambhroliya, Rajesh Sachdeva, Gautam Kumar, Atlanta VA Medical Center/Emory University, Atlanta, GA, USA, Geisinger Wyoming Valley Medical Center, Wilkes-Barre, PA, USA

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

**Session #1036**

**Assessment of Ischemia With or Without Obstructive CAD**

Sunday, March 29, 2020, 9:45 a.m. - 10:30 a.m.

Acute and Stable Ischemic Heart Disease Moderated Poster Theater, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Sripal Bangalore

ACC Poster Moderator: Sharmila Dorbala

9:45 a.m.

DIFFERENT SPECTRUM OF ADVERSE EVENTS IN PATIENTS WITH NONOBSTRUCTIVE VERSUS OBSTRUCTIVE CORONARY ARTERY DISEASE: INSIGHTS FROM THE PROSPECTIVE MULTICENTER IMAGING STUDY FOR EVALUATION OF CHEST PAIN (PROMISE) TRIAL

Jana Taron, Borek Foldyna, Thomas Mayrhofer, Michael Thomas Osborne, Maros Ferencik, Neha J. Pagidipati, Pamela Douglas, Udo Hoffmann, Cardiovascular Imaging Research Center, Massachusetts General Hospital, Harvard Medical School, Boston, MA, USA, Department of Diagnostic and Interventional Radiology, University Hospital Tuebingen, Tuebingen, Germany

9:55 a.m.

Question and Answer

10:00 a.m.

CORONARY ANATOMY, ISCHEMIA AND ANGINA: ASSOCIATIONS AT BASELINE IN THE ISCHEMIA TRIAL

Harmony R. Reynolds, Leslee J. Shaw, James Min, Daniel Mark, John A. Spertus, Daniel S. Berman, Bernard Chaitman, Michael Picard, Raymond Y. Kwong, Courtney B. Page, Lawrence Phillips, Karen Alexander, Roxy Senior, Jiyan Chen, Hanna Szwed, Rolf Doerr, Kevin Bainey, Ruben Ramos, Peter Ong, Sripal Bangalore, William E. Boden, Sean O'Brien, David Joel Maron, Judith S. Hochman, NYU Langone Health, New York, NY, USA

10:10 a.m.

Question and Answer

10:15 a.m.

MACROVASCULAR ABNORMALITIES AND FFR<sub>CT</sub> IN ISCHEMIA WITH NONOBSTRUCTIVE CORONARY ARTERIES (INOCA): THE CREDENCE TRIAL  
Fay Lin, Alexander van Rosendael, Umberto Gianni, Wijnand Stuijzand, Yao Lu, A. Maxim Bax, Emma J. Hollenberg, Inge J. van den Hoogen, Sara Tantawy, Jessica Pena, Subhi Al'Aref, Lohendran Baskaran, Simon Dunham, Kranthi Kolli, Hyuk-Jae Chang, Philippe Genereux, Gianluca Pontone, Jonathon Leipsic, Jeroen J. Bax, Daniel S. Berman, Jagat Narula, Paul Knaapen, James Min, Leslee J. Shaw, for the CREDENCE Investigators, Weill Cornell Medicine, New York, NY, USA

10:25 a.m.

Question and Answer

**Arrhythmias and Clinical EP - Moderated Poster Contributions**

**Session #1037**

**Applications of Machine Learning in Arrhythmia Management**

Sunday, March 29, 2020, 9:45 a.m. - 10:30 a.m.

Arrhythmias and Clinical EP Moderated Poster Theater, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Tina Baykaner

ACC Poster Moderator: Sanjiv M. Narayan

9:45 a.m.

ESTIMATION OF SERUM ANTIARRHYTHMIC CONCENTRATION FROM ELECTROCARDIOGRAMS VIA MACHINE LEARNING

Praneeth Satta, Colleen Johnson, Tulane University School of Medicine, New Orleans, LA, USA

9:55 a.m.

Question and Answer

10:00 a.m.

MACHINE LEARNING FOR IDENTIFICATION OF ELECTROCARDIOGRAPHIC MEASURES PREDICTING ATRIAL FIBRILLATION: THE MULTI-ETHNIC STUDY OF ATHEROSCLEROSIS (MESA)

Eric Xie, Colin Wu, Mohammad Ostovaneh, Wendy S. Post, Shelby Kutty, Elsayed Soliman, David A. Bluemke, Susan R. Heckbert, Joao A. C. Lima, Bharath Ambale Venkatesh, Johns Hopkins University School of Medicine, Baltimore, MD, USA

10:10 a.m.

Question and Answer

10:15 a.m.

USE OF MACHINE LEARNING TECHNIQUES TO IDENTIFY RISK FACTORS FOR CARDIAC IMPLANTABLE ELECTRONIC DEVICE (CIED) INFECTION: LESSONS FROM THE WRAP-IT TRIAL

Khaldoun G. Tarakji, Andrew D. Krahn, Jeanne Poole, Suneet Mittal, Charles Kennergren, G. Ralph Corey, Mauro Biffi, Panagiotis Korantzopoulos, Paolo Dallaglio, Daniel Lexcen, Jeff D. Lande, Reece Holbrook, Bruce Wilkoff, Cleveland Clinic, Cleveland, OH, USA

10:25 a.m.

Question and Answer





**Heart Failure and Cardiomyopathies - Moderated Poster Contributions**

**Session #1039**

**Improving Risk Prediction for Thick Hearts**

Sunday, March 29, 2020, 9:45 a.m. - 10:30 a.m.

Heart Failure and Cardiomyopathies Moderated Poster Theater, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Michael A. Burke

ACC Poster Moderator: Anjali Tiku Owens

9:45 a.m.

PREDICTORS OF CLINICALLY SIGNIFICANT ATRIAL FIBRILLATION IN THE NHLBI HYPERTROPHIC CARDIOMYOPATHY REGISTRY (HCMR)

Christopher M. Kramer, John P. DiMarco, Paul Kolm, Carolyn Ho, Raymond Y. Kwong, Milind Y. Desai, Patrice Desvigne-Nickens, Sarahfaye Dolman, Evan Appelbaum, Matthias Friedrich, Nancy Geller, Michael Jerosch-Herold, Dong-Yun Kim, Martin Maron, Jeanette Schulz-Menger, Stefan Piechnik, Cheng Zhang, Hugh Watkins, William S. Weintraub, Stefan Neubauer, University of Virginia Health System, Charlottesville, VA, USA

9:55 a.m.

Question and Answer

10:00 a.m.

TARGETED DISCOVERY PROTEOMICS IN MALIGNANT LEFT VENTRICULAR HYPERTROPHY

Hooman Bakhshi, Guoqing Diao, Stephen Seliger, Jiayang Sun, Jarett D. Berry, Ian Neeland, James de Lemos, Christopher R. DeFilippi, INOVA Fairfax Medical Campus, Fairfax, VA, USA

10:10 a.m.

Question and Answer

10:15 a.m.

THE RELATION OF HIGH SENSITIVITY TROPONIN LEVELS TO RISK FACTORS FOR SUDDEN CARDIAC DEATH IN HYPERTROPHIC CARDIOMYOPATHY

Dan Burczak, Jeffrey Geske, Darrell Brian Newman, Steve Ommen, Mayo Clinic, Rochester, MN, USA

10:25 a.m.

Question and Answer

**Interventional Cardiology - Moderated Poster Contributions**

**Session #1040**

**Coronary Physiology and Clinical Outcomes**

Sunday, March 29, 2020, 9:45 a.m. - 10:30 a.m.

Interventional Cardiology Moderated Poster Theater, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: William Fuller Fearon

ACC Poster Moderator: Mladen I. Vidovich

9:45 a.m.

INTRAVASCULAR ULTRASOUND-DERIVED VIRTUAL FRACTIONAL FLOW RESERVE TO PREDICT 3-YEAR OUTCOMES OF UNTREATED NON-CULPRIT LESIONS: THE PROSPECT STUDY

Fumiyasu Seike, Gary Mintz, Mitsuaki Matsumura, Ziad Ali, Mengdan Liu, Ori Ben-Yehuda, Bernard De Bruyne, Patrick Serruys, Kazunori Yasuda, Gregg Stone, Akiko Maehara, Cardiovascular Research Foundation, New York, NY, USA

9:55 a.m.

Question and Answer

10:00 a.m.

IMPACT OF RESTING CORONARY MICROVASCULAR RESISTANCE AND HYPEREMIC CORONARY FLOW RESERVE ON MORTALITY IN PATIENTS WITH ANGINA AND NON-OBSTRUCTIVE CORONARY ARTERY DISEASE

Amir Lerman, Ji-Young Park, Michel Toni Corban, Takumi Toya, Ali Ahmad, Mayo Clinic, Rochester, MN, USA

10:10 a.m.

Question and Answer

10:15 a.m.

THREE-YEAR OUTCOMES AFTER DEFERRAL OF REVASCLARIZATION BASED ON INSTANTANEOUS WAVE-FREE RATIO OR FRACTIONAL FLOW RESERVE

Shoichi Kuramitsu, Hitoshi Matsuo, Hiroaki Takashima, Hiroyoshi Yokoi, Nobuhiro Tanaka, Kokura Memorial Hospital, Kitakyushu, Japan

10:25 a.m.

Question and Answer

**Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Moderated Poster Contributions**

**Session #1041**

**MRI in CAD: From Human to Artificial Intelligence**

Sunday, March 29, 2020, 9:45 a.m. - 10:30 a.m.

Non Invasive Imaging Moderated Poster Theater, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Lauren Anne Baldassarre

ACC Poster Moderator: Amit R. Patel

9:45 a.m.

ARTIFICIAL INTELLIGENCE BASED FULLY AUTOMATED MYOCARDIAL FUNCTION ASSESSMENT FOR DIAGNOSTIC AND PROGNOSTIC STRATIFICATION FOLLOWING MYOCARDIAL INFARCTION

Andreas Schuster, Torben Lange, Sören J. Backhaus, Carolin Strohmeier, Jonas Matz, Johannes Kowallick, Joachim Lotz, Michael Steinmetz, Shelby Kutty, Boris Bigalke, Matthias Gutberlet, Gerd Hasenfuß, Holger Thiele, Thomas Stiermaier, Ingo Eitel, University Medical Center Göttingen, Department of Cardiology and Pneumology, Göttingen, Germany

9:55 a.m.

Question and Answer

10:00 a.m.

FUNCTIONAL AND PROGNOSTIC IMPLICATIONS OF CARDIAC MAGNETIC RESONANCE FEATURE TRACKING DERIVED REMOTE MYOCARDIAL STRAIN ANALYSES IN PATIENTS FOLLOWING ACUTE MYOCARDIAL INFARCTION

Torben Lange, Thomas Stiermaier, Sören J. Backhaus, Patricia Boom, Johannes Kowallick, Joachim Lotz, Shelby Kutty, Boris Bigalke, Matthias Gutberlet, Gerd Hasenfuß, Holger Thiele, Ingo Eitel, Andreas Schuster, University Medical Center Göttingen, Department of Cardiology and Pneumology, Göttingen, Germany

10:10 a.m.

Question and Answer

10:15 a.m.

MANGANESE-ENHANCED T<sub>1</sub>MAPPING FOR THE DETECTION OF VIABLE AND STUNNED MYOCARDIUM FOLLOWING MYOCARDIAL INFARCTION

Nick Spath, Nick Spath, Giorgos Papanastasiou, Trisha Singh, Andrew Baker, Rob Janiczek, Gerry McCann, Marc Dweck, David E. Newby, Scott Semple, University of Edinburgh, Edinburgh, United Kingdom

10:25 a.m.

Question and Answer

10:30 a.m.



USE OF ARTIFICIAL INTELLIGENCE BY MEDICAL STUDENTS TO ENABLE ACCURATE POINT-OF-CARE ECHOCARDIOGRAPHIC ASSESSMENT OF EJECTION FRACTION

Ziv Dadon, David Rosenmann, Adi Butnaru, Michael Glikson, Liat Alper-Suissa, Evan Avraham Alpert, Shaare Zedek Medical Center, Jerusalem, Israel

10:40 a.m.

Question and Answer

#### Prevention - Moderated Poster Contributions

##### Session #1042

#### Cardiovascular Disease Prevention: Novel Risk Factors and Risk Markers

Sunday, March 29, 2020, 9:45 a.m. - 10:30 a.m.

Prevention Moderated Poster Theater, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Jamal S. Rana

ACC Poster Moderator: Robert S. Rosenson

9:45 a.m.

CARDIOVASCULAR BIOMARKERS OF LIPIDS AND SUBCLINICAL MYOCARDIAL INJURY DIVERGE DURING RHEUMATOID ARTHRITIS FLARE

Brittany Weber, Nicole Yang, Zeling He, Marcelo Di Carli, Nancy Shadick, Michael Weinblatt, Nehal Mehta, Jonathan Coblyn, Jorge Plutzky, Katherine P. Liao, Brigham and Women's Hospital, Boston, MA, USA

9:55 a.m.

Question and Answer

10:00 a.m.

IMMUNO-HEMATOLOGIC DYSFUNCTION AS A NOVEL RISK FACTOR FOR CARDIOVASCULAR DISEASE AND MORTALITY

Sadeer G. Al-Kindi, Nour Tashtish, Jarrod Dalton, David Zidar, University Hospitals, Cleveland, OH, USA

10:10 a.m.

Question and Answer

10:15 a.m.

BREAST ARTERIAL CALCIFICATION IN MAMMOGRAM A NOVEL PREDICTOR OF CARDIOVASCULAR RISK IN WOMEN

Mohammed Osman, Sean R. Regner, Cimmie L. Shahan, Ginger Layne, Partho P. Sengupta, George G. Sokos, Christopher Bianco, West Virginia University, Morgantown, WV, USA

10:25 a.m.

Question and Answer

#### Pulmonary Hypertension - Moderated Poster Contributions

##### Session #1038

#### Pulmonary Hypertension and the Aging Heart: TAVR and Diastolic Dysfunction

Sunday, March 29, 2020, 9:45 a.m. - 10:30 a.m.

Congenital Heart Disease and Pulmonary Hypertension Moderated Poster Theater, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Christopher Barnett

ACC Poster Moderator: Anjali Vaidya

9:45 a.m.

PULMONARY HYPERTENSION WITH SEVERE AORTIC STENOSIS: HEMODYNAMIC CHARACTERISTICS BEFORE AND AFTER TRANSCATHETER AORTIC VALVE REPLACEMENT

Eric R. Fenstad, Christopher Gitter, Sarah Schwager, Miranda Kunz, Larissa Stansberry, Minneapolis Heart Institute, Baxter, MN, USA

9:55 a.m.

Question and Answer

10:00 a.m.

IMPACT OF PULMONARY HEMODYNAMICS ON CARDIAC EVENTS AFTER TRANSCATHETER AORTIC VALVE REPLACEMENT AMONG PATIENTS WITH SEVERE AORTIC STENOSIS

Garima Dahiya, Andrew Begg, Andreas Kyvernitis, Mark Doyle, David Lasorda, Stephen Bailey, Amresh Raina, Robert Biederman, Raymond Benza, Allegheny General Hospital, Pittsburgh, PA, USA

10:10 a.m.

Question and Answer

10:15 a.m.

IMPACT OF TARGETED PULMONARY ARTERIAL HYPERTENSION THERAPY IN PATIENTS WITH COMBINED PRE- AND POST-CAPILLARY PULMONARY HYPERTENSION

Nima Moghaddam, John Swiston, Michael Yin-Cheung Tsang, Lisa Lee, Nathan Brunner, University of British Columbia, Vancouver, Canada, Vancouver General Hospital, Vancouver, Canada

10:25 a.m.

Question and Answer

#### Special - Moderated Poster Contributions

##### Session #1044

#### Cardio-Oncology

Sunday, March 29, 2020, 9:45 a.m. - 10:30 a.m.

FIT Clinical Decision Making Moderated Poster Theater 1, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Chiara Melloni

ACC Poster Moderator: Nishant R. Shah

9:45 a.m.

SEVERE MITRAL STENOSIS SECONDARY TO METASTATIC SARCOMA: RADIATION AS NON-INVASIVE ALTERNATIVE THERAPY

Ankit Bhatia, Jose Alvarez-Cardona, Kathleen Zhang, Washington University School of Medicine, Division of Cardiology, St. Louis, MO, USA

9:55 a.m.

Question and Answer

10:00 a.m.

ST ELEVATION DUE TO PONATINIB INDUCED MICROVASCULAR ANGIOPATHY

Kris Kumar, Melinda Wu, James Hodovan, Bart Moulton, Jonathan R. Lindner, Oregon Health and Science University, Portland, OR, USA

10:10 a.m.

Question and Answer

10:15 a.m.

METASTATIC MELANOMA MIMICKING RIGHT ATRIAL MYXOMA: MULTIMODALITY IMAGING

Mahmoud Ali, Amina Adil, Marc Atzenhoefer, Tarek Ajam, Patrycja Galazka, Omar M. Cheema, A. Jamil Tajik, Aurora Cardiovascular and Thoracic Services, Aurora St. Luke's/Aurora Sinai Medical Centers, Milwaukee, WI, USA

10:25 a.m.

Question and Answer



**Special - Moderated Poster Contributions**

**Session #1045**

**Putting The "itis" In Cardiology**

Sunday, March 29, 2020, 9:45 a.m. - 10:30 a.m.

FIT Clinical Decision Making Moderated Poster Theater 2, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Andrew Michael Goldsweig

9:45 a.m.

KAWASAKI DISEASE: ACUTE MYOCARDIAL INFARCTION OF ADULT-ONSET ASSOCIATED WITH A GIANT CORONARY ARTERY ANEURYSM

Yuji Nakayama, Junya Komatsu, Yuki Nishimura, Takako Fujita, Ryota Kida, Ryu-ichiro Imai, Yoko Nakaoka, Koji Nishida, Satoshi Yamamoto, Shu-ichi Seki, Sho-ichi Kubokawa, Masahiko Ikebuchi, Hiroyuki Irie, Kazuya Kawai, Naohisa Hamashige, Yoshinori L. Doi, Departments of Cardiology and Cardiovascular Surgery, Chikamori Hospital, Kochi, Japan, Cardiomyopathy Institute, Chikamori Hospital, Kochi, Japan

9:55 a.m.

Question and Answer

10:00 a.m.

A CHALLENGING CASE OF TAKAYASU ARTERITIS WITH CATASTROPHIC CORONARY ARTERY DISEASE AND VALVULAR DISEASE REQUIRING CARDIAC TRANSPLANTATION

Bilal Sagi, Sara Godil, Syed Rafay Ali Sabzwari, Mario Caruso, Sagar Vadhar, Emilee Kurtz, Yasotha Rajeswaran, Lehigh Valley Health Network, Allentown, PA, USA

10:10 a.m.

Question and Answer

10:15 a.m.

THE TSUNAMI OF HYDRALAZINE

Ahmad Al-Abdouh, Hanan Seid, Abdul Muhaymin Siyal, Pablo Garcia, Ammer Bekele, Saint Agnes Hospital, Baltimore, MD, USA

10:25 a.m.

Question and Answer

**Special - Moderated Poster Contributions**

**Session #1046**

**Takotsubo Cardiomyopathy**

Sunday, March 29, 2020, 9:45 a.m. - 10:30 a.m.

FIT Clinical Decision Making Moderated Poster Theater 3, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Hussein Abu Daya

ACC Poster Moderator: Friederike K. Keating

9:45 a.m.

FIRST WASABI, NOW HONEY: A CASE OF TAKOTSUBO CARDIOMYOPATHY IN THE SETTING OF BOTULISM

Sara Brenner, Sibi Krishnamurthy, Andrew Bromley, Kelly Corbitt, Rosario Colombo, Jackson Memorial Hospital, Miami, FL, USA, University of Miami Miller School of Medicine, Miami, FL, USA

9:55 a.m.

Question and Answer

10:00 a.m.

AN UNDERRECOGNIZED AND UNDERREPORTED POST-PROCEDURAL COMPLICATION OF A COMMON CARDIAC PROCEDURE: AN OVERLAP PRESENTATION OF THE PERICARDIAL DECOMPRESSION SYNDROME AND

STRESS CARDIOMYOPATHY FOLLOWING A THERAPEUTIC PERICARDIOCENTESIS

Roberto Cerrud-Rodriguez, Mohammed Algodi, Ahmad Alkhalil, Jay Chudow, Syed Muhammad Ibrahim Rashid, Mario Garcia, James Tauras, Hussein Shaqra, Giora Weisz, Montefiore Medical Center, Bronx, NY, USA

10:10 a.m.

Question and Answer

10:15 a.m.

USE OF IVABRADINE IN TAKOTSUBO CARDIOMYOPATHY WITH LEFT VENTRICULAR OUTFLOW TRACT OBSTRUCTION AND SHOCK

Jennifer Bell, Lana Tsao, St. Elizabeth's Medical Center-Boston, Brighton, MA, USA

10:25 a.m.

Question and Answer

**Special - Moderated Poster Contributions**

**Session #1047**

**Data-Driven Shared Decision Making Impacts Patient Outcomes**

Sunday, March 29, 2020, 9:45 a.m. - 10:30 a.m.

Spotlight on Special Topics Moderated Poster Theater, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Stacey L. Schott

ACC Poster Moderator: Kevin L. Thomas

9:45 a.m.

SHARED DECISION MAKING AND PATIENT REPORTED OUTCOMES AMONG ADULTS WITH ATHEROSCLEROTIC CARDIOVASCULAR DISEASE, MEDICAL EXPENDITURE PANEL SURVEY 2006-2015

Victor Okunrintemi, Javier Valero-Elizondo, Texas, Neil Stone, Ron Blankstein, Michael Blaha, Martha Gulati, Salim Virani, William Zoghbi, Erin Michos, Khurram Nasir, East Carolina University, Greenville, NC, USA, Houston Methodist, Houston, TX, USA

9:55 a.m.

Question and Answer

10:00 a.m.

DEVELOPMENT OF A DECISION AID FOR OLDER ADULTS WITH NON ST ELEVATION MYOCARDIAL INFARCTION

John A. Dodson, Jenny Summapund, Sohah N. Iqbal, Erica Sarah Spatz, Mallory Barnett, Rachel Sibley, Sarwat I. Chaudhry, Victoria V. Dickson, Daniel D. Matlock, New York University School of Medicine, New York, NY, USA

10:10 a.m.

Question and Answer

10:15 a.m.

IMPACT OF PALLIATIVE CARE INVOLVEMENT ON OUTSIDE HOSPITAL TRANSFERS TO THE CARDIAC CRITICAL CARE UNIT IN A TERTIARY CARE CENTER: A RETROSPECTIVE REVIEW

Sonika Patel, Kiran Motwani, Xinyuan Ning, Safanah Siddiqui, Keneil Shah, Majed Alnabulsi, Kathryn Robinett, University of Maryland School of Medicine, Baltimore, MD, USA

10:25 a.m.

Question and Answer



**Special - Gaming**

**Session #6005**

**Battle of the States FIT Jeopardy Competition III**

Sunday, March 29, 2020, 9:45 a.m. - 11:45 a.m.

Engage Studio

CME Hours: 0 / CNE Hours:

Co-Chair: Srinath Adusumalli

Co-Chair: Nkechinyere Nwamaka Ijioma

9:45 a.m.

Group 9: New Mexico, Connecticut, Alabama, Florida

10:15 a.m.

Group 10: Illinois, Canada, Kentucky, Georgia

10:45 a.m.

Semi Final Rounds: Group A: winners from Groups 1 - 3

11:15 a.m.

Semi Final Rounds: Group A: winners from Groups 4 - 6

**Valvular Heart Disease - Moderated Poster Contributions**

**Session #1043**

**The Tsumani of Endocarditis: Insights and Reconsiderations of Antibiotic Prophylaxis**

Sunday, March 29, 2020, 9:45 a.m. - 10:30 a.m.

Valvular Heart Disease and Vascular Medicine Moderated Poster

Theater, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Ann Bolger

ACC Poster Moderator: Justin Sadhu

9:45 a.m.

SURGEONS' PERSPECTIVES ON RECURRENT VALVE REPLACEMENT IN PATIENTS WITH ENDOCARDITIS DUE TO DRUG USE

Michael S. Firstenberg, Megan Novak, Dianne McCallister, Oliwier Dziadkowiec, Julie Aultman, The Medical Center of Aurora, Aurora, CO, USA

9:55 a.m.

Question and Answer

10:00 a.m.

INFECTIVE ENDOCARDITIS IN PREGNANCY IS NOT A DEATH SENTENCE (FOR MOTHER OR CHILD)

Karolina Viquez Beita, Gregory Sinner, Talal Alnabelsi, Steve Leung, University of Kentucky, Lexington, KY, USA

10:10 a.m.

Question and Answer

10:25 a.m.

Question and Answer

**World Heart Federation - WHF Special**

**Session #5504**

**Meet and Share Forum: Creating Real Impact With Your Public Event**

Sunday, March 29, 2020, 10:00 a.m. - 12:00 p.m.

Room S101

CME Hours: / CNE Hours:

10:00 a.m.

Meet and Share Forum: Creating Real Impact With Your Public Event

**World Heart Federation - WHF Special**

**Session #5508**

**Taking Action on Air Pollution: Healthy Environments for Healthy Hearts**

Sunday, March 29, 2020, 10:00 a.m. - 11:00 a.m.

Global Health Café, Lounge & Learn, Hall B

CME Hours: / CNE Hours:

10:00 a.m.

Global Health Café III

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

**Session #668**

**A Critical Review of Key Trials in 2018 and Beyond**

Sunday, March 29, 2020, 10:45 a.m. - 12:15 p.m.

Room S504a

CME Hours: 1.5 / CNE Hours:

Co-Chair: Usman Baber

Co-Chair: Dipti Itchhaporia

Panelist: Eric R. Bates

Panelist: Anthony Gershlick

Panelist: Samer S. Kabbani

Panelist: Morton J. Kern

Panelist: Venu Menon

10:45 a.m.

The COMPLETE Trial

Shamir R. Mehta

Hamilton, Canada

10:50 a.m.

Panel Discussion of The COMPLETE Trial Followed by Audience Question and Answer

11:07 a.m.

The ISCHEMIA Trial

Judith S. Hochman

New York, NY

11:12 a.m.

Panel Discussion of The ISCHEMIA Trial Followed by Audience Question and Answer

11:29 a.m.

The TWILIGHT Trial

Roxana Mehran

New York, NY

11:34 a.m.

Panel Discussion of The TWILIGHT Trial Followed by Audience Question and Answer

11:51 a.m.

The THEMIS TRIAL

Philippe Gabriel Steg

Paris, France

11:56 a.m.

Panel Discussion of The THEMIS Trial Followed by Audience Question and Answer





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

**Session #669**

**Critical Clinical Conundrums in Acute Coronary Syndromes**

Sunday, March 29, 2020, 10:45 a.m. - 12:15 p.m.

Room S505a

CME Hours: 1.5 / CNE Hours:

Co-Chair: Alexandra Arias-Mendoza

Co-Chair: Sean Van Diepen

Panelist: Benjamin Abella

Panelist: Marc P. Bonaca

Panelist: Bradley Wertheim

10:45 a.m.

Case Presentation: A Comatose Patient With STEMI And Out of Hospital

Cardiac Arrest

Adnan Kassier

Grand Rapids, MI

10:50 a.m.

Targeted Temperature Management And Neuroprognostication in 2020

Benjamin Abella

Philadelphia, PA

11:00 a.m.

Panel Discussion

11:15 a.m.

Case Presentations: Acute RV Infarction Complicated by RV Shock

Alejandro Lemor

Detroit, MI

11:20 a.m.

Current And Emerging Strategies to Manage RV Shock in The Setting of RV

Infarct

Bradley Wertheim

Boston, MA

11:30 a.m.

Panel Discussion

11:45 a.m.

Case Presentation: STEMI in a Patient With Acute Aortic Dissection

Syed A. Ahsan

Valhalla, NY

11:50 a.m.

Ascending Aortic Dissections Masquerading as Acute STEMI: Recognition And

Management

Marc P. Bonaca

Aurora, CO

12:00 p.m.

Panel Discussion

**Arrhythmias and Clinical EP - Scientific**

**Session #670**

**Reversible Cardiomyopathies: Arrhythmias, Pacing and**

**Dyssynchrony**

Sunday, March 29, 2020, 10:45 a.m. - 12:15 p.m.

Room S404d

CME Hours: 1.5 / CNE Hours:

Co-Chair: Adrian M. Baranchuk

Co-Chair: Elizabeth Stephenson

Panelist: Ngai-Yin Chan

Panelist: David C.G. Foo

Panelist: Brian Olshansky

Panelist: Chia-Ti Tsai

10:45 a.m.

Pathophysiologic Relationships Between Arrhythmia And Cardiomyopathy:

What Have We Learned so Far?

Brian Olshansky

Iowa City, IA

11:00 a.m.

Atrial Fibrillation in Heart Failure

Chia-Ti Tsai

Taipei, Taiwan

11:10 a.m.

Case: Atrial Fibrillation Causing Cardiomyopathy

Douglas Darden

La Jolla, CA

11:15 a.m.

Case: RV Pacing Induced Cardiomyopathy

Stephanie H. Yoakum

San Diego, CA

11:20 a.m.

RV Pacing Induced Cardiomyopathy

David C.G. Foo

Singapore 598957, Singapore

11:30 a.m.

Case: PVC Induced Cardiomyopathy

Sandeep Sodhi

St. Louis, MO

11:35 a.m.

PVC Induced Cardiomyopathy

Yenn-Jian Lin

Taipei, IL, Taiwan

11:45 a.m.

Panel Discussion And Audience Question and Answer

**Congenital Heart Disease - Scientific**

**Session #671**

**Coronary Artery Conundrums: What Would You Do and Why?**

Sunday, March 29, 2020, 10:45 a.m. - 12:15 p.m.

Room S105b

CME Hours: 1.5 / CNE Hours:

Co-Chair: Anusha Jegatheeswaran

Co-Chair: Anne Marie Valente

10:45 a.m.

Case Presentation: Fetal Coronary Artery Fistula

Jarrett Linder

Philadelphia, PA

10:50 a.m.

ARS Questions

Anne Marie Valente

Boston, MA

10:53 a.m.

Discussion With the Experts

10:53 a.m.

Panelist: Fetal Coronary Arteriovenous Fistula: This Is What I Would Do And Why

Nadine F. Choueiter

Bronx, NY



10:53 a.m.

Panelist: Fetal Coronary Arteriovenous Fistula: This Is What I Would Do And Why

Brian H. Morray  
Seattle, WA

11:13 a.m.

ARS Questions  
Anne Marie Valente  
Boston, MA

11:15 a.m.

Case Presentation: Anomalous Origin of Right Coronary Artery From The Left Sinus

Anudeep Dodeja  
Columbus, OH

11:20 a.m.

ARS Questions  
Anne Marie Valente  
Boston, MA

11:23 a.m.

Discussion With the Experts

11:23 a.m.

Panelist: AORCA: How Would I Decide to Operate?  
James S. Tweddell  
Cincinnati, OH

11:23 a.m.

Panelist: AORCA: How Would I Decide to Operate?  
Julie Brothers  
Philadelphia, PA

11:43 a.m.

ARS Questions  
Anne Marie Valente  
Boston, MA

11:45 a.m.

Case Presentation: Kawasaki Disease With Multiple Coronary Stenoses  
Audrey Dionne  
Montreal, Canada

11:50 a.m.

ARS Questions  
Anne Marie Valente  
Boston, MA

11:53 a.m.

Discussion With the Experts

11:53 a.m.

Panelist: KD With Multiple Coronary Artery Stenoses: I Would Perform Revascularization And This Is Why  
Brian W. McCrindle  
Toronto, Canada

11:53 a.m.

Panelist: KD With Multiple Stenoses: Does Cardiac Catheterization Have a Therapeutic Role And Why?  
Athar M. Qureshi  
Houston, TX

12:13 p.m.

ARS Questions

Anne Marie Valente  
Boston, MA

**Heart Failure and Cardiomyopathies - Scientific Session #672**

**Heart Failure With Recovered Ejection Fraction - Joint Symposium of the Heart Failure Society of America and the American College of Cardiology**

Sunday, March 29, 2020, 10:45 a.m. - 12:15 p.m.

Room S406a

CME Hours: 1.5 / CNE Hours:

Co-Chair: Biykem Bozkurt

Co-Chair: Viorel Florea

10:45 a.m.

Improved, Better, or Recovered? Definition, Measurement, And Outcomes  
Gregg C. Fonarow  
Los Angeles, CA

10:57 a.m.

Molecular Insights Into Recovery  
Douglas L. Mann  
Saint Louis, MO

11:09 a.m.

Medical Management. Can GDMT Be Stopped?  
Brian Halliday  
London, United Kingdom

11:21 a.m.

Risk of SCD Following Improvement And Recovery: Do I Need to Replace The ICD?  
Kristen K. Patton  
Seattle, WA

11:33 a.m.

Stress-Induced Cardiomyopathy: Update on Management  
Christian Templin  
Zurich, Switzerland

11:57 a.m.

Question and Answer

**Heart Failure and Cardiomyopathies - Scientific Session #673**

**Conundrums in Application of Guideline Directed Therapies in Real-World Scenarios: Impact on Minority Populations - Joint Symposium of the Association of Black Cardiologists and the American College of Cardiology**

Sunday, March 29, 2020, 10:45 a.m. - 12:15 p.m.

Room S406b

CME Hours: 1.5 / CNE Hours:

Co-Chair: Eldrin F. Lewis

Co-Chair: Alanna A. Morris

Panelist: Aaron Horne

Panelist: Ileana L. Pina

Panelist: Usha B. Tedrow

Panelist: Kim Allan Williams, SR

Panelist: Clyde W. Yancy

10:45 a.m.

2019 Cardiovascular Disease Prevention Guidelines: Application And Implementation Strategies in Minority Populations  
Kim Allan Williams, SR  
Chicago, IL

11:00 a.m.



The Protean Manifestation of Cardiovascular Sequelae in The Sphere of Cardio-Oncology: Implication For Minority Populations

Ileana L. Pina  
Cleveland Heights, OH

11:15 a.m.  
Heart Failure Hospital Readmission Paradox: Mortality Benefit or Low Value Care?

Clyde W. Yancy  
Chicago, IL

11:30 a.m.  
Catheter Ablation For Atrial Fibrillation Post CABANA And CASTLE AF Trials, What Now?

Usha B. Tedrow  
Belmont, MA

11:45 a.m.  
Current Transcatheter Aortic Valve Replacement Requirements: Disparity Perpetuating or High Value Care?

Aaron Horne  
Dallas, TX

12:00 p.m.  
Panel Discussion With Audience Question and Answer

#### Interventional Cardiology - Scientific

##### Session #676

**Complex and High-Risk PCI: A Case Based Joint Symposium by the Society of Cardiovascular Angiography and Interventions and the American College of Cardiology**

Sunday, March 29, 2020, 10:45 a.m. - 12:15 p.m.

Room S102c

CME Hours: 1.5 / CNE Hours:

Co-Chair: Cindy L. Grines  
Co-Chair: Akshay K. Khandelwal

10:45 a.m.  
Defining The Population: What Constitutes a High-Risk or Complex Patient or Lesion?

Kevin J. Croce  
West Roxbury, MA

10:50 a.m.  
Patient Centered Decision Making in The AUC Era  
Megan Coylewright  
Lebanon, NH

10:55 a.m.  
Complex Lesion Subsets: State-of-the-Art Case-Based Lectures

10:55 a.m.  
Diabetics With Multivessel Disease - State of The Art  
Cindy L. Grines  
Johns Creek, GA

11:05 a.m.  
Calcium Management: Roto/Spin/Shock  
James M. McCabe  
Seattle, WA

11:15 a.m.  
Most Important Bifurcation - LMCA  
Ehtisham Mahmud  
La Jolla, CA

11:25 a.m.

Supported PCI 2020 - Who, What When Where And Why

Srihari S. Naidu  
Valhalla, NY

11:35 a.m.  
CTOs in 2020  
Robert W. Yeh  
Boston, MA

11:45 a.m.  
SCAI Shock Categories And Implications For PCI in 2020?  
Timothy D. Henry  
Cincinnati, OH

11:55 a.m.  
Panel Discussion With Audience Question and Answer: Hot Button Issues in Complex PCI 2020

#### Interventional Cardiology - Scientific

##### Session #677

**Did I Do That? No, Did WE Do That?? Complex Structural Cases For the Heart Team**

Sunday, March 29, 2020, 10:45 a.m. - 12:15 p.m.

Room S104b

CME Hours: 1.5 / CNE Hours:

Co-Chair: Kim Guibone  
Co-Chair: Patricia Keegan  
Panelist: Kimberly Atianzar  
Panelist: Uzoma N. Ibebuogu  
Panelist: Charles B. Nyman  
Panelist: Martina Speight

10:45 a.m.  
Case Presentation: Complex Mitral Pathologies For Edge-to-Edge Repair  
John Cyril Lisko  
Atlanta, GA

10:50 a.m.  
Audience ARS  
Patricia Keegan  
Greensboro, GA

10:52 a.m.  
Complex Mitral Pathologies For Edge-to-Edge Repair  
Vasilis C. Babaliaros  
Atlanta, GA

10:59 a.m.  
Panel Discussion With Audience Question and Answer

11:06 a.m.  
Case Presentation: Decision-Making in Bicuspid Patients  
Farhang Yazdchi  
Boston, MA

11:11 a.m.  
Audience ARS  
Patricia Keegan  
Greensboro, GA

11:13 a.m.  
Decision-Making in Bicuspid Patients - TAVR or SAVR  
Mark Russo  
New Brunswick, NJ

11:20 a.m.  
Panel Discussion With Audience Question and Answer



11:27 a.m.  
Nurse Administered Sedation For Most!  
Patricia Keegan  
Greensboro, GA

11:34 a.m.  
Keep Anesthesia in the Room!  
Charles B. Nyman  
Boston, MA

11:41 a.m.  
Panel Discussion With Audience Question and Answer

11:47 a.m.  
Yikes- Did We Just Clip That?  
Andrew D. Choi  
Arlington, VA

11:54 a.m.  
Panel Discussion With Audience Question and Answer

12:01 p.m.  
Cost Containment in an Expensive Structural Heart Environment  
Elizabeth Perpetua  
Seattle, WA

12:08 p.m.  
Panel Discussion With Audience Question and Answer

**Interventional Cardiology - Oral Contributions**

**Session #907**

**Interventional Challenging Cases: Coronary Challenges Will Make You Think!**

Sunday, March 29, 2020, 10:45 a.m. - 12:15 p.m.

Room S103d

CME Hours: 1.5 / CNE Hours:

Co-Chair: Jonathan M. Tobis  
Co-Chair: Poonam Velagapudi  
Panelist: David L. Fischman  
Panelist: Ajay J. Kirtane  
Panelist: Michael J. Lim  
Panelist: Michael P. Savage

10:45 a.m.  
PERCUTANEOUS CLOSURE OF CORONARY FISTULA BETWEEN THE CIRCUMFLEX ARTERY AND THE CORONARY SINUS WITH A TRIPLE CHILD-IN-MOTHER TECHNIQUE

Ciro Salvatore Vella, Barbara Bellini, Luca Ferri, Marco Ancona, Filippo Russo, Alaide Chieffo, Mauro Carlino, Romano Vittorio, Matteo Montorfano, IRCCS Ospedale San Raffaele Milano, Milan, Italy

10:55 a.m.  
Panel Discussion

11:00 a.m.  
SUCCESSFUL TRANSCATHETER EMBOLIZATION OF MULTIPLE CORONARY ARTERY FISTULAS WITH A GIANT ANEURYSM  
Shuji Kubota, Masaya Yamamoto, Hisao Hara, Yukio Hiroi, National Center for Global Health and Medicine, Tokyo, Japan

11:10 a.m.  
Panel Discussion

11:15 a.m.  
STENT LOSS DURING LAD CTO PCI: THE IMPORTANCE OF LESION PREPARATION

Michael Megaly, Emmanouil Brilakis, Minneapolis Heart Institute at Abbott Northwestern Hospital, Minneapolis, MN, USA

11:25 a.m.  
Panel Discussion

11:30 a.m.  
SALVAGING A LEFT CORONARY ARTERY FROM NON-DEFLATABLE STENT BALLOON AND SHAFT DISLODGE  
Prashanth Kulkarni, Care Hospitals, Hyderabad, India

11:40 a.m.  
Panel Discussion

11:45 a.m.  
PERCUTANEOUS CORONARY INTERVENTION OF AN ANOMALOUS CORONARY CHRONIC TOTAL OCCLUSION: THE ADDED VALUE OF 3D PRINTING  
Laura Young, Serge Harb, Rohan Shah, Rishi Puri, Jaikirshan Khatri, Cleveland Clinic, Cleveland, OH, USA

11:55 a.m.  
Panel Discussion

12:00 p.m.  
STENT-ASSISTED COIL EMBOLIZATION OF HUGE CORONARY ARTERY ANEURYSM  
Jayeon Lee, Yisik Kim, Won-Sik Yoon, Sang-Rok Lee, Jei Keon Chae, Chonbuk National University Hospital, Jeonju, South Korea

12:10 p.m.  
Panel Discussion

**Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Scientific**

**Session #674**

**Imaging Decision Making in Everyday Clinical Practice**

Sunday, March 29, 2020, 10:45 a.m. - 12:15 p.m.

Room S501a

CME Hours: 1.5 / CNE Hours:

Co-Chair: Marcelo F. Di Carli  
Co-Chair: Marcio Bittencourt

10:45 a.m.  
A Middle Aged Male With Atypical Angina  
Todd C. Villines  
Charlottesville, VA

10:57 a.m.  
A Middle Age Woman With Exertional Dyspnea  
Patricia A. Pellikka  
Rochester, MN

11:09 a.m.  
A Young Male With Chest Pain And Suspected Coronary Anomaly  
Michael Cheezum  
Fort Wayne, IN

11:21 a.m.  
An Elderly Male With Hypertension, Diabetes And Atrial Fibrillation  
Alejandro Horacio Meretta  
Buenos Aires, Argentina

11:33 a.m.  
Master Clinician's Viewpoint  
Martha Gulati  
Phoenix, AZ

11:45 a.m.





Panel Discussion And Question and Answer

**Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Scientific**

**Session #675**

**Multimodality Stress Imaging Beyond Ischemia**

Sunday, March 29, 2020, 10:45 a.m. - 12:15 p.m.

Room S502b

CME Hours: 1.5 / CNE Hours:

Co-Chair: Anthony N. DeMaria

Co-Chair: Arik Wolak

10:45 a.m.

Stress Echo For Valvular Heart Disease And Pulmonary Hypertension

Smadar Kort

Stony Brook, NY

11:00 a.m.

Stress Echo For Perfusion And Strain

Sharon L. Mulvagh

Halifax, Canada

11:15 a.m.

Stress Echo For Hypertrophic Cardiomyopathy And For Diastolic Assessment

Jae K. Oh

Rochester, MN

11:30 a.m.

Stress MRI For Valvular Heart Disease

Gaby Weissman

Washington, DC

11:45 a.m.

Question and Answer

**Prevention - Core Knowledge in Action**

**Session #803**

**Core Knowledge in Action: The Ultimate Guide to Lipids**

Sunday, March 29, 2020, 10:45 a.m. - 12:15 p.m.

Room S402b

CME Hours: 1.5 / CNE Hours:

Chair: Eugene Yang

10:45 a.m.

Lipid Biology 101

Alan S. Brown

Naperville, IL

10:55 a.m.

Through the Looking Glass- Physical Exam Clues to Lipid Disorders

Vera Bittner

Birmingham, AL

11:05 a.m.

What Lipid Tests to Order and How to Interpret Them

James A. Underberg

New York, NY

11:15 a.m.

Primer on CV Risk Calculation

Donald M. Lloyd-Jones

Chicago, IL

11:25 a.m.

Fundamentals of Lipid Management

Kim K. Birtcher

Houston, TX

11:35 a.m.

Putting it all together: Review of the ACC/AHA 2018 Blood Cholesterol Guideline

Carl E. Orringer

Miami, FL

11:45 a.m.

Knowledge Check In via ARS

Eugene Yang

Bellevue, WA

11:50 a.m.

Interactive Question and Answer Session With the Experts

Panelist: Alan S. Brown

Panelist: Vera Bittner

Panelist: Kim K. Birtcher

Panelist: Donald M. Lloyd-Jones

Panelist: Carl E. Orringer

Panelist: James A. Underberg

**Pulmonary Hypertension - Scientific**

**Session #678**

**Global Perspective on Pulmonary Hypertension - A "Global Health Spoken Here" Session**

Sunday, March 29, 2020, 10:45 a.m. - 12:15 p.m.

Room S405b

CME Hours: 1.5 / CNE Hours:

Co-Chair: Alice Bukhman

Co-Chair: Jose Guillermo Ercilla Sanchez

10:45 a.m.

ACC-Talk: Five Decades of Pulmonary Hypertension Experience Across The Globe

Magdi H. Yacoub

Welwyn Garden City, United Kingdom

11:00 a.m.

Audience Question and Answer

11:05 a.m.

Contemporary Therapy For High Altitude Pulmonary Hypertension

Syndromes

Erik Swenson

Seattle, WA

11:17 a.m.

Audience Question and Answer

11:22 a.m.

Update on Infectious Pulmonary Arterial Hypertension: Schistosomiasis to HIV

Priscilla Y. Hsue

San Francisco, CA

11:34 a.m.

Audience Question and Answer

11:39 a.m.

Illicit Drug Use And Pulmonary Vascular Disease: Global Perspective

George Alba

Boston, MA

11:51 a.m.

Audience Question and Answer

11:56 a.m.



Current Day Pulmonary Hypertension From Rheumatic Heart Disease:  
Characteristics, Gaps, and Complications

Liesl Zuhlke

Cape Town, South Africa

12:08 p.m.

Audience Question and Answer

**Special - Special**

**Session #103**

**Chronic Coronary and Systemic Disease 2020, Challenges of  
Management and Prevention: Cardiovascular Update For the  
Clinician II -- A Symposium by Valentin Fuster**  
Sunday, March 29, 2020, 10:45 a.m. - 12:15 p.m.

Room S401a

CME Hours: 1.5 / CNE Hours:

Chair: Valentin Fuster

Panelist: Carl J. Lavie, JR

Panelist: Patrick T. O'Gara

Panelist: Nancy Rigotti

Panelist: Sidney C. Smith

10:45 a.m.

Stable Multivessel Coronary Disease & the Microcirculation: OMT vs CABG vs  
PCI, based on Clinical vs Anatomy vs Ischemia vs EF

Valentin Fuster

New York, NY

11:05 a.m.

Four Challenges to Prevent 8 Risk Factors in 2020: 1. Pathophysiological  
Effects 2. Mechanistic/Triggering Factors 3. Role of Preventive Action  
4. Competencies for Training

11:05 a.m.

Nutrition and Diet: Healthy Weight

Carl J. Lavie, JR

New Orleans, LA

11:20 a.m.

Lipid Profile: Blood Sugar

Sidney C. Smith

Chapel Hill, NC

11:35 a.m.

Physical Activity: Blood Pressure

Patrick T. O'Gara

Boston, MA

11:50 a.m.

Psychological Health: Tobacco Free

Nancy Rigotti

Boston, MA

12:05 p.m.

Panel Discussion

**Special - Special**

**Session #104**

**Tackling the Supersized Epidemic of Cardio-Diabetes: Pharmacology  
Session II**

Sunday, March 29, 2020, 10:45 a.m. - 12:15 p.m.

Room S403b

CME Hours: 1.5 / CNE Hours:

Co-Chair: Margaret E. Capriglione

Co-Chair: Glenn A. Hirsch

10:45 a.m.

Overview of Pre-DM And Metabolic Syndrome And ASCVD Risk

Dave L. Dixon

Richmond, VA

11:05 a.m.

Screening And Evaluation - How to Identify The Appropriate Patient

Rhonda M. Cooper-DeHoff

Gainesville, FL

11:20 a.m.

Optimizing Treatment to Improve Outcomes (To Include Statins, Anti-  
Diabetic Agents)

Barbara S. Wiggins

Mt Pleasant, SC

11:40 a.m.

Audience ARS Question: Case One

Rhonda M. Cooper-DeHoff

Gainesville, FL

11:42 a.m.

Case One With ARS

Rhonda M. Cooper-DeHoff

Gainesville, FL

11:50 a.m.

Audience ARS Question: Case Two

Barbara S. Wiggins

Mt Pleasant, SC

11:52 a.m.

Case 2 with ARS

Barbara S. Wiggins

Mt Pleasant, SC

12:00 p.m.

Question and Answer

**Special - Late-Breaking Clinical Trials**

**Session #406**

**Late-Breaking Clinical Trials III**

Sunday, March 29, 2020, 10:45 a.m. - 12:00 p.m.

B1 North (Main Tent)

CME Hours: 1.5 / CNE Hours:

Chair: C. Michael Valentine

Co-Chair: Fausto J. Pinto

Panelist: Craig J. Beavers

Panelist: Ulrika Birgersdotter-Green

Panelist: Tyler J. Gluckman

Panelist: Bonnie Ky

Panelist: Gregory Piazza

10:45 a.m.

Apixaban For The Treatment Of Venous Thromboembolism Associated With  
Cancer: The Caravaggio Study

Giancarlo Agnelli, Cecilia Becattini, Guy Meyer, Andres Muñoz, Menno

Huisman, Jean Connors, Alexander (ander) Cohen, Rupert Bauersachs,

Benjamin Brenner, Adam Torbicki, Maria R. Sueiro, Catherine Lambert,

Gualberto Gussoni, Mauro Campanini, Andrea Fontanella, Giorgio Vescovo,

Melina Verso, University of Perugia, Perugia, Italy

10:55 a.m.

Panel Discussion

11:00 a.m.

Rivaroxaban Versus Enoxaparin In Nonmajor Orthopedic Surgery



Charles Marc Samama, Silvy Laporte, Nadia Rosencher, Philippe Girard, Juan Llau, Patrick Mouret, William Fischer, Javier Martinez-Martin, Daniel Duverger, Beatrice Deygas, Emilie Presles, Michel Cucherat, Patrick Mismetti, Centre Hospitalier Universitaire de Saint Etienne, Saint Etienne, France

11:10 a.m.  
Panel Discussion

11:15 a.m.  
The Benefit And Risk Of Rivaroxaban Plus Aspirin In Patients With Peripheral Artery Disease After Lower Extremity Revascularization (ler) With And Without Concomitant Clopidogrel: A Key Subgroup Analysis From Voyager-pad

William R. Hiatt, Marc Bonaca, Sonia Anand, Manesh Patel, Sebastian Debus, Mark Nehler, Fabrizio Fanelli, Lihong Diao, Scott Berkowitz, Lloyd Haskell, Rupert Bauersachs, CPC Clinical Research, Aurora, CO, USA, University of Colorado School of Medicine, Aurora, CO, USA

11:25 a.m.  
Panel Discussion

11:30 a.m.  
Catheter-based Renal Denervation In The Absence Of Antihypertensive Medications: Primary Results From The Spyral Htn-off Med Pivotal Trial  
Michael Boehm, Kazuomi Kario, David Kandzari, Felix Mahfoud, Michael Weber, Roland Schmieder, Konstantinos Tsioufis, Stuart Pocock, Martin Fahy, Vanessa Debruin, Sidney Cohen, Sandeep Brar, Raymond Townsend, Universitaetsklinikum Des Saarlandes, Homburg, Germany

11:40 a.m.  
Panel Discussion

11:45 a.m.  
Randomized Clinical Trial Of Pre-hospital Sodium Nitrite In Out-of-hospital Cardiac Arrest Patients  
Francis Kim, Charles Maynard, Michael Sayre, Peter Kudenchuk, Thomas Rea, Cameron DeZfulian, Deborah Sampson, Michele Olsufka, Susanne May, Graham Nichol, University of Washington, Department of Medicine, Division of Cardiology, Seattle, WA, USA

11:55 a.m.  
Panel Discussion

**Special - Special  
Session #679**

**A Career in Academic Cardiology: Key Points to Success**

Sunday, March 29, 2020, 10:45 a.m. - 12:15 p.m.

Grand Ballroom S100a

CME Hours: 0 / CNE Hours:

Co-Chair: Sena Kilic  
Co-Chair: Scott M. Lilly

10:45 a.m.  
The Clinician Educator Pathway—The ABC's of a Career in Medical Education  
Julie B. Damp  
Nashville, TN

10:55 a.m.  
The Clinician Administrator Pathway; Looking Out For Your Patients While Also Looking Out For Your Hospital  
Susan Smyth  
Lexington, KY

11:05 a.m.  
The Clinician Researcher Track: From "Bench to Bedside"  
James Brian Byrd  
Ann Arbor, MI

11:15 a.m.  
The ACC: How to Get The Most Out of Your "Academic Home"  
Mary Norine Walsh  
Indianapolis, IN

11:25 a.m.  
Summing It All Up: Balancing Your Life And Your Career  
Wael A. Jaber  
Cleveland, OH

11:35 a.m.  
Panel Discussion

11:50 a.m.  
Networking With Speakers

**Special - Special  
Session #680**

**Up Close and Virtual: Impacting Cardiac Care With Telehealth**

Sunday, March 29, 2020, 10:45 a.m. - 12:15 p.m.

Grand Ballroom S100c

CME Hours: 1.5 / CNE Hours:

Co-Chair: Martin R. Cowie  
Co-Chair: Heba S. Wassif

10:45 a.m.  
From Where You Are: Tele Rehabilitation And The Continuum of Care  
Mary Whooley  
San Francisco, CA

10:57 a.m.  
Ill Actually: Telehealth And Chronic Disease Management  
Jason H. Wasfy  
Boston, MA

11:09 a.m.  
Raising Baby: Congenital Heart Disease And The Experience of Telehealth  
Ami B. Bhatt  
Boston, MA

11:21 a.m.  
Rhythm of My Heart: Electrophysiology And The Explosion of Innovation in Cardiac Care  
Mintu Turakhia  
Palo Alto, CA

11:33 a.m.  
Teleheart Failure: The Risk of Failure Is Worth The Fight  
Martin R. Cowie  
London, United Kingdom

11:45 a.m.  
Panel Discussion

Panelist: Ami B. Bhatt  
Panelist: Mintu Turakhia  
Panelist: Jason H. Wasfy  
Panelist: Mary Whooley

**Valvular Heart Disease - Scientific  
Session #681**

**Topics in the Contemporary Management of Prosthetic Valves**

Sunday, March 29, 2020, 10:45 a.m. - 12:15 p.m.

Room S503b

CME Hours: 1.5 / CNE Hours:

Co-Chair: Lisa A. Mendes  
Co-Chair: Milan A. Nedeljkovic



10:45 a.m.  
TAVR Essentials: Management of The TAVR Patient in The Contemporary Era  
Rodrigo Bagur  
London, Canada

11:00 a.m.  
Question and Answer

11:07 a.m.  
High Aortic Prosthetic Gradients - What Do They Mean?  
Ian G. Burwash  
Ottawa, Canada

11:21 a.m.  
Question and Answer

11:43 a.m.  
Question and Answer

11:50 a.m.  
Paravalvular Leak: How to Look And Which Ones to Fix  
Jonathan Passeri  
Sudbury, MA

12:05 p.m.  
Question and Answer

#### Vascular Medicine - Scientific

##### Session #682

##### Controversies in Aortic Disease: From Novel Endovascular Approaches to Complex Medical Management

Sunday, March 29, 2020, 10:45 a.m. - 12:15 p.m.

Room S103b

CME Hours: 1.5 / CNE Hours:

Co-Chair: Christina Fanola  
Co-Chair: Soo Hyun Kim

10:45 a.m.  
New Insights Into Acute Aortic Syndromes: Year in Review  
Eric M. Isselbacher  
Boston, MA

11:00 a.m.  
The Cutting Edge: Endovascular Approaches to Complex Aortic Disease  
Nimesh Desai  
Philadelphia, PA

11:15 a.m.  
Aortic Disease Around The Globe  
Adrian Horacio D'Ovidio  
San Juan, Argentina

11:30 a.m.  
Case Presenter: A Patient With Uncomplicated Type B Dissection With Markers of Adverse Remodeling  
Minakshi Biswas  
Aurora, CO

11:35 a.m.  
Panel Discussion: A Patient With Uncomplicated Type B Dissection With Markers of Adverse Remodeling

11:35 a.m.  
Panelist: Aaron W. Aday  
Nashville, TN

11:35 a.m.

Panelist: Eric M. Isselbacher  
Boston, MA

11:35 a.m.  
Panelist: Amber D. Khanna  
Aurora, CO

11:35 a.m.  
Panelist: T. Brett Reece  
Aurora, CO

11:45 a.m.  
Case Presenter: A Patient With Aortic Dissection And Pulmonary Embolism  
Alec Schmaier  
Boston, MA

11:50 a.m.  
Panel Discussion: A Patient With Aortic Dissection And Pulmonary Embolism

Panelist: Alan C. Braverman  
Panelist: Eric M. Isselbacher  
Panelist: Amber D. Khanna  
Panelist: Truls Myrmed  
Panelist: Colleen Walsh-Irwin

12:00 p.m.  
Case Presenter: A Patient With an Isolated Arch Dissection  
Victor Nauffal  
Boston, MA

12:05 p.m.  
Panel Discussion: A Patient With an Isolated Arch Dissection

Panelist: Michael E. Hall  
Panelist: Erin Iannacone  
Panelist: Andrew Shaffer

#### Arrhythmias and Clinical EP - Hands-on Skills Learning Session #1517

##### The Red Flag Work-up: Syncope Guidelines in Action

Sunday, March 29, 2020, 11:00 a.m. - 12:00 p.m.

Personalized Skills Center Theatre - Lounge & Learn, Hall B  
CME Hours: / CNE Hours:

Co-Chair: Prashant D. Bhawe  
Co-Chair: Michael T. Spooner

#### Special - Events and Meetings

##### Session #5013

##### Let's Make a Deal! Key Topics for Contract Negotiation

Sunday, March 29, 2020, 11:00 a.m. - 12:00 p.m.

FIT Lounge - Lounge & Learn, Hall B

CME Hours: / CNE Hours:

Chair: Jesse E. Adams, III

#### Acute and Stable Ischemic Heart Disease - Poster Contributions Session #1314

##### Acute and Stable Ischemic Heart Disease: Therapy 5

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

142 - IMPACT OF MEDICARE'S BUNDLED PAYMENTS INITIATIVE ON PATIENT SELECTION, PAYMENTS, AND OUTCOMES FOR PCI AND CABG

Christian McNeely, Karen E. Joynt Maddox, E. John Orav, Jie Zheng,  
Washington University in St. Louis, St. Louis, MO, USA





143 - DUAL VERSUS TRIPLE THERAPY IN ACUTE CORONARY SYNDROME PATIENTS WITH ANTICOAGULATION INDICATION: A META-ANALYSIS WITH TRIAL-SEQUENTIAL ANALYSIS

Rahul Gupta, Aaqib H. Malik, Purva Ranchal, Wilbert S. Aronow, Westchester Medical Center, Valhalla, NY, USA

144 - EFFECT OF A SINGLE DOSE OF THE INTERLEUKIN-6 RECEPTOR ANTAGONIST TOLICIZUMAB ON MARKERS OF NEUTROPHIL EXTRACELLULAR TRAPS IN PATIENTS WITH NON-ST ELEVATION MYOCARDIAL INFARCTION

Ragnhild Helseth, Ola Kleiveland, Thor Ueland, Rune Wiseth, Jan Kristian Damaas, Kaspar Broch, Annika Elisabet Michelsen, Bjørn Bendz, Lars Gullestad, Paal Aukrust, Ingebjørg Seljeflot, Center for Clinical Heart Research, Department of Cardiology, Oslo University Hospital Ullevål, Oslo, Norway

145 - ASSESSMENT OF IMPLEMENTING THE COMPASS TRIAL RESULTS IN ROUTINE CLINICAL PRACTICE IN ONTARIO, CANADA: INSIGHTS FROM THE CARDIOVASCULAR HEALTH IN AMBULATORY CARE RESEARCH TEAM (CANHEART) STUDY

Maya Sheth, Bing Yu, Anna Chu, Joan Porter, Laura Ferreira-Legere, Jacob Udell, ICES, Toronto, Canada, Women's College Research Institute, Toronto, Canada

146 - PROGNOSIS OF SHORT-TERM (3-MONTH) VERSUS STANDARD (12-MONTH) DUAL ANTI-PLATELET THERAPY IN PATIENTS WITH ACUTE CORONARY SYNDROME TREATED WITH PERCUTANEOUS CORONARY INTERVENTION: A SYSTEMATIC REVIEW AND META-ANALYSIS

Mohamed Elmassry, Wasawat Vutthikraivit, Saif El-Nawaa, Pablo Paz, M. Rubayat Rahman, John Abdelmalek, Barbara Mantilla, Ahmed Souka, Scott Shurmur, Texas Tech University Health Sciences Center, Lubbock, TX, USA

147 - EFFECT OF ALIROCUMAB ON FIRST AND TOTAL REVASCULARIZATIONS IN PATIENTS WITH RECENT ACUTE CORONARY SYNDROME IN THE ODYSSEY OUTCOMES TRIAL

Michael Szarek, Marco Valgimigli, Andreas Zeiher, Philippe Gabriel Steg, Deepak Bhatt, Vera Bittner, Chern-En Chiang, Rafael Diaz, Shaun Goodman, Nina Gotcheva, Robert A. Harrington, Johan Wouter Jukema, Hyo-Soo Kim, Yong-Un Kim, Joao Morais, Robert Pordy, Matthew Roe, Harvey White, Gregory G. Schwartz, SUNY Downstate Health Sciences University, Brooklyn, NY, USA, Universitaria di Ferrara, Ferrara, Italy

148 - NOVEL METHOD FOR ASSESSING PLATELET RESPONSE TO ADP: TECHNICAL VALIDATION STUDY OF THE AGGREGUIDE A-100 ADP ASSAY

Paul A. Gurbel, Kevin Bliden, Udaya Tantry, Rischard Fisher, Sivaprasad Sukavaneshvar, Jeffrey Dahlen, Philip Speros, Sinai Hospital of Baltimore, Baltimore, MD, USA, Inova Heart and Vascular Institute, Falls Church, VA, USA

149 - TRENDS IN USE OF ORAL ANTITHROMBOTIC AGENTS IN PATIENTS WITH ATRIAL FIBRILLATION AND MYOCARDIAL INFARCTION

Gorav Batra, Lars Lindhagen, Ziad Hijazi, Stefan K. James, Tomas Jernberg, Jonas Oldgren, Uppsala University, Uppsala, Sweden, Uppsala Clinical Research Center, Uppsala, Sweden

150 - IN-HOSPITAL OUTCOMES OF IMPELLA VERSUS IABP IN ST ELEVATED MYOCARDIAL INFARCT: WHAT THE REAL WORLD LOOKS LIKE

Fangcheng Wu, Pengyang Li, Anand Muthu Krishnan, Anil Jha, Kristina Duan, Qi Liu, Texas Heart Institute, Houston, TX, USA, Memorial Healthcare System, Hollywood, FL, USA

151 - FIRST STUDY OF INHALED ASPIRIN VERSUS CHEWED ASPIRIN: PHARMACOKINETIC AND PHARMACODYNAMIC EFFECTS

Paul A. Gurbel, Udaya Tantry, Behnam Tehrani, Henry Tran, Kevin Bliden, Inova Heart and Vascular Institute, Falls Church, VA, USA, Sinai Hospital, Baltimore, MD

#### Acute and Stable Ischemic Heart Disease - Poster Contributions Session #1315

#### Acute and Stable Ischemic Heart Disease: Clinical 5

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

162 - THE COMBINATION OF HEMATOPOIETIC AND ENDOTHELIAL PROGENITOR CELLS IMPROVES PREDICTION OF OUTCOMES IN PATIENTS WITH CORONARY ARTERY DISEASE

Devinder Dhindsa, Pratik Sandesara, Qingchun Jin, Chang Liu, Anurag Mehta, Ayman Alkhoder, Ayman Samman Tahhan, Ali Mokhtari, Iraj Hesaroieh, Edmund Waller, Laurence S. Sperling, Arshed A. Quyyumi, Emory University Clinical Cardiology Research Institute, Atlanta, GA, USA

163 - HIGH-SENSITIVITY C-REACTIVE PROTEIN AND ACUTE KIDNEY INJURY IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION

Giancarlo Silvio Marenzi, Jeness Campodonico, Nicola Cosentino, Claudia Lucci, Valentina Milazzo, Marco Moltrasio, Katia Celentano, Maria Luisa Biondi, Monica De Metrio, Mara Rubino, Ivana Marana, Marco Grazi, Gianfranco Lauri, Centro Cardiologico Monzino, Milan, Italy

164 - DIFFERENT PROGNOSTIC IMPACT OF HIGH-SENSITIVITY C-REACTIVE PROTEIN IN ACUTE MYOCARDIAL INFARCTION PATIENTS WITH AND WITHOUT TYPE 2 DIABETES MELLITUS

Giancarlo Silvio Marenzi, Claudia Lucci, Nicola Cosentino, Jeness Campodonico, Maria Luisa Biondi, Valentina Milazzo, Monica De Metrio, Katia Celentano, Marco Moltrasio, Mara Rubino, Ivana Marana, Marco Grazi, Gianfranco Lauri, Stefano Genovese, Centro Cardiologico Monzino, Milan, Italy

165 - REPORT FROM THE NEW YORK CITY ACUTE MYOCARDIAL INFARCTION-ASSOCIATED CARDIOGENIC SHOCK REGISTRY

Amirali Masoumi, The NYC AMICS Registry Investigators, NewYork Presbyterian Hospital, New York, NY, USA

166 - AN UPDATED EXAMINATION OF COMORBIDITIES AMONG PATIENTS PRESENTING WITH ACUTE MYOCARDIAL INFARCTION

Catherine Teng, Pengyang Li, Lingling Wu, Christopher Howes, Yale New Haven Health, Greenwich Hospital, Greenwich, CT, USA

167 - STANDARDIZING CARDIAC EVALUATION PRIOR TO KIDNEY TRANSPLANTATION

Ivo Genev, Sanjeev Akkina, John J. Lopez, Subir Shah, Amishi Desai, Jongwon Yoo, Raquel Garcia-Roca, Verghese Mathew, Loyola University Chicago Stritch School of Medicine, Maywood, IL, USA

168 - THE BET PROTEIN INHIBITOR APABETALONE REDUCES CONGESTIVE HEART FAILURE INCIDENCE IN PATIENTS WITH ACUTE CORONARY SYNDROME AND DIABETES: RESULTS FROM THE BETONMACE TRIAL

Michael Sweeney, Stephen J. Nicholls, Kausik Kumar Ray, Kevin Buhr, Henry Ginsberg, Jan Johansson, Kamyar Kalantar-Zadeh, Ewelina Kulikowski, Peter Toth, Norman Wong, Gregory G. Schwartz, Imperial College, London, United Kingdom, Resverlogix Corp., Calgary, Canada

169 - GENETIC POLYMORPHISMS AND CARDIOVASCULAR OUTCOMES IN CHINESE PATIENTS UNDERGOING PCI AND TREATED WITH CLOPIDOGREL AND ASPIRIN

Ke Xu, Tiantian Zhu, Deyu Kong, Hui Zhu, Jimin Li, Fei Wang, Lu Yang, Yuansheng Fan, Jing Zhang, Yi Lu, Lei Xu, Mingwen Yang, Qian Gu, Lu Shi, Xiaoxuan Gong, Noel C. Chan, Chunjian Li, First Affiliated Hospital of Nanjing Medical University, Nanjing, People's Republic of China, Shanghai Chest Hospital, Shanghai, People's Republic of China

170 - ASSOCIATION BETWEEN AFRICAN RACE AND POORER OUTCOMES AFTER MYOCARDIAL INFARCTION



Mariana Garcia, Zakaria Almuwaqqat, Bruno Lima, Samaah Sullivan, Belal Kaseer, An Young, Kasra Moazzami, Amit J. Shah, Tene Lewis, Muhammad Hammadah, Oleksiy Levantsevych, Lisa Elon, Ernest Garcia, Doug Bremner, Paolo Raggi, Arshed A. Quyyumi, Viola Vaccarino, Emory University, Atlanta, GA, USA

171 - MULTIVESSEL VS CULPRIT VESSEL ONLY PERCUTANEOUS CORONARY INTERVENTION IN ST-ELEVATION MYOCARDIAL INFARCTION AND MULTIVESSEL CORONARY ARTERY DISEASE: A META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS

Varunsiri Atti, Mahesh Anantha Narayanan, Santiago Garcia, Yader Sandoval, Emmanouil Brilakis, Mir Basir, Mohit Turagam, Akshay Khandelwal, Carlos I. Mena-Hurtado, Mamas A. Mamas, Ajay J. Kirtane, J. Dawn Abbott, Deepak Bhatt, Poonam Velagapudi, Michigan State University, Lansing, MI, USA, University of Nebraska Medical Center, Omaha, NE, USA

182 - LIPID TESTING, LIPID MODIFYING THERAPY AND PCSK9 INHIBITOR ELIGIBILITY IN 22,603 PATIENTS WITH INCIDENT ACUTE CORONARY SYNDROME

Bradley Sarak, Anamaria Savu, Padma Kaul, Finlay McAlister, Robert Welsh, Andrew Yan, Shaun Goodman, Canadian VIGOUR Centre, University of Alberta, Edmonton, Canada

183 - CHALLENGES IN CHOLESTEROL MANAGEMENT IN PATIENTS WITH ATHEROSCLEROTIC CARDIOVASCULAR DISEASE: INSIGHTS FROM PATIENT AND PHYSICIAN SURVEYS IN THE GOULD STUDY

Suzanne Arnold, James de Lemos, Deepak Bhatt, Yuyin Liu, Robert S. Rosenson, Christie M. Ballantyne, Katherine Mues, Shushama Alam, Christopher P. Cannon, Mikhail Kosiborod, Saint Luke's Mid America Heart Institute, Kansas City, MO, USA

184 - TRENDS IN UTILIZATION AND OUTCOMES OF BIVALIRUDIN VERSUS UNFRACTIONATED HEPARIN IN PERCUTANEOUS CORONARY INTERVENTION FOR ACUTE CORONARY SYNDROME: A STATE-WIDE ANALYSIS (2012 - 2018)

Ahmed M. Mahmoud, Akash Kataruka, Jacob Appel Doll, Hani Jneid, Ravi S. Hira, University of Washington, Seattle, WA, USA

185 - A MACHINE LEARNING ALGORITHM TO PREDICT ACUTE MYOCARDIAL INFARCTION OVER 30 MINUTES

Joseph Gibbs, James McCord, Michele Moyer, Gordon Jacobsen, Richard M. Nowak, Henry Ford Hospital, Detroit, MI, USA

186 - ATRIAL FIBRILLATION IN PATIENTS WITH MYOCARDIAL INFARCTION IS ASSOCIATED WITH POOR OUTCOME

Gorav Batra, Lars Lindhagen, Ziad Hijazi, Stefan K. James, Tomas Jernberg, Jonas Oldgren, Uppsala University, Uppsala, Sweden, Uppsala Clinical Research Center, Uppsala, Sweden

187 - QUANTITATIVE FLOW RATIO ACCORDING TO THREE-DIMENSIONAL QUANTITATIVE CORONARY ANGIOGRAPHY DEFINED SEVERITY OF STENOSIS IN A COHORT OF WOMEN WITH STABLE CORONARY ARTERY DISEASE

Mauro Gitto, Yuichi Saito, Marabel Schneider, Nikolaos Papoutsidakis, Scott Ardito, Marianne McCarthy, Ecaterina Cristea, Alexandra Lansky, S. Elissa Altin, Yale School of Medicine, New Haven, CT, USA

188 - DISCREPANCY BETWEEN VISUALLY ASSESSED AND QUANTITATIVE CORONARY ANGIOGRAPHY DERIVED DIAMETER STENOSIS IN A COHORT OF WOMEN WITH STABLE CORONARY ARTERY DISEASE

Mauro Gitto, Yuichi Saito, Marabel Schneider, Nikolaos Papoutsidakis, Scott Ardito, Marianne McCarthy, Ecaterina Cristea, Alexandra Lansky, S. Elissa Altin, Yale School of Medicine, New Haven, CT, USA

189 - ASSESSMENT OF NUTRITION STATUS IS ESSENTIAL TO PREDICT PROGNOSIS OF ACUTE MYOCARDIAL INFARCTION PATIENTS WHO UNDERGO SUCCESSFUL PRIMARY PERCUTANEOUS CORONARY INTERVENTION

Daisuke Kanda, Yoshiyuki Ikeda, Kazuhiro Anzaki, Ryou Arikawa, Takeshi Sonoda, Akihiro Tokushige, Mitsuru Ohishi, Kagoshima University, Kagoshima, Japan

190 - LEFT VENTRICULAR FUNCTION IMPROVES AFTER OFF-PUMP OR PUMP-ASSISTED CABG WITHOUT HYPOTHERMIC CIRCULATORY ARREST

George V. Letsou, Andrew D. Lee, Abhijit Salaskar, Qianzi Zhang, Namrata Shrestha, Michelle Suh, Fadi Musfee, Baylor College of Medicine, Houston, TX, USA

191 - PREVALENCE AND PROGNOSIS OF RESPIRATORY FAILURE IN NON-ST SEGMENT ELEVATION MYOCARDIAL INFARCTION

Thomas S. Metkus, Jr., P. Elliott Miller, Sean Van Diepen, Jason Katz, David A. Morrow, Steven P. Schulman, Shaker M. Eid, Johns Hopkins University School of Medicine, Baltimore, MD, USA

### Arrhythmias and Clinical EP - Poster Contributions

#### Session #1320

#### Arrhythmias and Clinical EP: Supraventricular/ Ventricular Arrhythmias 5

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

227 - ASSOCIATION BETWEEN GIANT CELL ARTERITIS AND ATRIAL FIBRILLATION: RESULTS FROM THE NATIONAL INPATIENT SAMPLE

Akshaya Gopalakrishnan, Htoo Kyaw, Araz Baboujian, Kevin Bryan Lo, Sarath Reddy, Leandro Slipczuk Bustamante, Janani Rangaswami, The Brooklyn Hospital Center, Brooklyn, NY, USA, Einstein Medical Center, Philadelphia, PA, USA

228 - PREDICTING SUDDEN CARDIAC DEATH BY MACHINE LEARNING OF VENTRICULAR ACTION POTENTIALS

Anojan Selvalingam, Mahmood Alhousseini, Albert J. Rogers, David Krummen, Firas M. Abuzaid, Tina Baykaner, Paul Clopton, Peter Bailis, Matei Zaharia, Paul Wang, Sanjiv Narayan, Stanford University, Palo Alto, CA, USA

229 - NORMAL TROPONIN IN SUPRAVENTRICULAR TACHYCARDIA MAY BE A NEGATIVE STRESS TEST

Gini Priyadharshini Jeyashanmugaraja, Kristin Stawarski, Matthew Borkovich, Craig McPherson, Yale New Haven Health Bridgeport Hospital, Bridgeport, CT, USA

230 - ELECTROPHYSIOLOGICAL MANIFESTATIONS OF SUPRA-VENTRICULAR TACHYCARDIAS WITH CONCEALED NODO-VENTRICULAR FIBERS

Wei Wei, Caihua Sang, Sulin Zheng, Roderick Tung, Xunzhang Wang, Deyong Long, Yumei Xue, Shulin Wu, Guangdong Provincial People's Hospital, Guangzhou, People's Republic of China, Beijing Anzhen Hospital, Beijing, People's Republic of China

231 - HIGH-ATTENUATION LEFT ATRIAL EPICARDIAL ADIPOSE TISSUE IS ASSOCIATED WITH RECURRENCE AFTER FIRST ATRIAL FIBRILLATION ABLATION

Richard Amara, Muhammad Haq, Aaron Kunamalla, Paul Han, David Yoo, Jasjeet Khural, Daniel Nguyen, Jason Appelbaum, Fahad Ali, Timm Dickfeld, Alejandro Jimenez Restrepo, Andrew Zohlman, Jeffrey Rottman, Stephen Shorofsky, Diandra Brown, Jean Jeudy, Vincent Y. See, University of Maryland Medical Center, Baltimore, MD, USA

232 - FOUR-YEAR INCIDENCE OF MAJOR ADVERSE CARDIOVASCULAR EVENTS IN ATRIAL FIBRILLATION PATIENTS WITH OR AT HIGH RISK FOR ATHEROSCLEROSIS

Benjamin Miao, William Baker, Adrian V. Hernandez, Nicholas Mangiafico, Mark J. Alberts, Yuani Roman, Craig I. Coleman, Hartford Hospital, Hartford, CT, USA, University of Connecticut School of Pharmacy, Storrs, CT, USA



233 - OUTCOMES ASSOCIATED WITH BLEEDING-RELATED HOSPITALIZATIONS IN PATIENTS AT HIGH THROMBOTIC RISK FINDINGS FROM THE NATIONWIDE READMISSION DATABASE

Benjamin Miao, Monique Miller, Belinda Lovelace, Anne Beaubrun, Kelly McNeil-Posey, Mark Alberts, Frank Peacock, Craig I. Coleman, University of Connecticut, Storrs, CT, USA, Hartford Hospital, Hartford, CT, USA

234 - VENTRICULAR ARRHYTHMIA BURDEN IN PATIENTS WITH CARDIAC AMYLOIDOSIS

Rahul Loungani, Michael Rehorn, Sean Pokorney, Michel Khouri, Duke University Medical Center, Durham, NC, USA

235 - HIGHER OUT-OF-POCKET COSTS FOR CONCURRENT MEDICATIONS IN ATRIAL FIBRILLATION PATIENTS IS ASSOCIATED WITH LOWER ORAL ANTICOAGULANT ADHERENCE

Joan Maradey, Michael T. Kenes, Diego Malaver, Daniel Nielsen, David Herrington, Prashant Bhawe, Wake Forest Baptist Medical Center, Winston Salem, NC, USA

236 - RHYTHM DISTURBANCES IN PATIENTS WITH HEART FAILURE AND PRESERVED EJECTION FRACTION

Jae Hyung Cho, Derek Leong, Joseph Ebinger, Sung-Han Yoon, Catherine Bresee, Ashkan Ehdia, Michael Shehata, Xunzhang Wang, Sumeet S. Chugh, Eduardo Marban, Eugenio Cingolani, Cedars-Sinai Medical Center, Los Angeles, CA, USA

237 - DILTIAZEM VERSUS METOPROLOL FOR THE MANAGEMENT OF ATRIAL FIBRILLATION: A SYSTEMATIC REVIEW AND META-ANALYSIS

S. Hammad Jafri, Christian D. Cerecedo-Lopez, Ahmed Ibrahim Warsi, Jing Xu, Harvard Medical School, Boston, MA, USA

#### Arrhythmias and Clinical EP - Poster Contributions

##### Session #1321

##### Arrhythmias and Clinical EP: Devices 5

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

238 - PREDICTORS OF APPROPRIATE WCD SHOCKS AFTER MI: RESULTS FROM THE VEST TRIAL

Mason Lai, Jeffrey Olgin, Mark Pletcher, Eric Vittinghoff, Feng Lin, Christopher Cheung, Byron Kwock Lee, University of California, San Francisco, San Francisco, CA, USA

239 - DEFIBRILLATION TESTING MAY OBIVIATE THE NEED FOR LEAD REVISION IN PATIENTS WITH POOR R WAVE SENSING

Justin A. Edward, Wendy Tzou, Ryan G. Aleong, Michael Rosenberg, Alexis Tumolo, Ryan T. Borne, Matthew Zipse, University of Colorado Hospital, Aurora, CO, USA

241 - ACCURACY OF IMPLANTABLE CARDIAC MONITOR IN DIAGNOSING CARDIAC ARRHYTHMIAS: A PROSPECTIVE RANDOMIZED CLINICAL TRIAL COMPARING REVEAL LINQ TRURHYTHM™ VERSUS CONFIRM RX SHARPSense™

Miki Yokokawa, Randy Ip, Ali Sheikh, Mark Castellani, John Ip, Sparrow Hospital, Lansing, MI, USA

242 - TRENDS AND COMPLICATIONS ASSOCIATED WITH PERMANENT PACEMAKER IMPLANTATION: A NATIONAL DATABASE ANALYSIS

Karthik Gonuguntla, Shivaraj Patil, Nitish Nandu, Myra Nasir, University of Connecticut, Farmington, CT, USA

243 - ASSESSMENT OF DIAGNOSTIC ACCURACY OF SANKETLIFE: A WIRELESS PORTABLE ECG BIOSENSOR IN COMPARISON TO STANDARD 12 LEAD ECG IN THE DETECTION OF CARDIOVASCULAR DISEASES IN A TERTIARY CARE SETTING

Manmohan Singh, Shiva Kumar, Nagesh Mahadevappa, Anbu Pandian, Bobby Khan, David DeLurgio, Sri Jayadeva Institute of Cardiovascular Science and Research, Bangalore, India

244 - CARDIAC RESYNCHRONIZATION WITH DUAL CAPTURE DURING HIS BUNDLE PACING IN PATIENTS WITH INTRAVENTRICULAR CONDUCTION DELAY

Attila Roka, Cardiovascular Institute of the South, Meridian, MS, USA

245 - IMPACT OF HIS BUNDLE PACING ON LEFT VENTRICULAR FUNCTION COMPARED TO RIGHT VENTRICULAR APICAL PACING: A SYSTEMATIC REVIEW AND META-ANALYSIS

Mohamed Elmassry, Wasawat Vutthikraivit, Saif El-Nawaa, Pattara Rattanaawong, Pakpoom Tantrachoti, Haitham Mazek, Pablo Paz, M Rubayat Rahman, Barbara Mantilla, John Abdelmalek, Pooja Sethi, Texas Tech University Health Sciences Center, Lubbock, TX, USA, Mayo Clinic, Phoenix, AZ, USA

246 - FALSE ATRIAL FIBRILLATION ALERTS FROM IMPLANTABLE LOOP RECORDERS IN PATIENTS WITH EMBOLIC STROKE OF UNDETERMINED SOURCE

Courtney Campbell, Beth Foreman, Daniel L. Sosh, Rebecca Carter, Vivien H. Lee, David Orsinelli, The Ohio State Wexner Medical Center, Columbus, OH, USA

247 - TIMING AND YIELD OF ATRIAL FIBRILLATION DETECTION BY IMPLANTABLE LOOP RECORDERS IN EMBOLIC STROKE OF UNDETERMINED SOURCE

Courtney Campbell, Beth Foreman, Daniel L. Sosh, Rebecca Carter, Vivien H. Lee, David Orsinelli, The Ohio State Wexner Medical Center, Columbus, OH, USA

248 - SEX-BASED DIFFERENCES IN RATES OF DEVICE REMOVAL FOLLOWING CARDIAC IMPLANTABLE ELECTRONIC DEVICE INFECTIONS: DATA FROM THE NATIONWIDE READMISSIONS DATABASE 2010 - 2014

Edward Cheng, George Thomas, James Edmund Ip, Christopher F. Liu, Steven Markowitz, Ilhwan Yeo, Luke Kim, Bruce Lerman, Jim Cheung, New York-Presbyterian Hospital/Weill Cornell Medical Center, New York, NY, USA

249 - RISK FACTORS FOR VENTRICULAR TACHYARRHYTHMIC EVENTS IN PATIENTS WITHOUT LEFT BUNDLE BRANCH BLOCK WHO RECEIVE CARDIAC RESYNCHRONIZATION THERAPY

Arwa Younis, Mehmet Aktas, Alon Barsheshet, Spencer Rosero, David Huang, Wojciech Zareba, Scott McNitt, Valentina Kutyla, Ilan Goldenberg, University of Rochester, Rochester, NY, USA

250 - TRENDS AND IMPACT OF IMPLANTABLE CAROTID DEFIBRILLATOR IMPLANTATIONS IN PATIENTS WITH CARDIAC AMYLOIDOSIS: A 16-YEAR ANALYSIS

Ameesh Isath, Stuthi Perimbeti, Ashish Correa, Kamala Ramya Kallur, Bharat Narasimhan, Claire Huang Lucas, Subrat Das, Anwar Chahal, Deepak Padmanabhan, Davendra Mehta, Mount Sinai St. Luke's, New York, NY, USA

251 - APPLICABILITY OF THE MADIT-CRT SCORE FOR PREDICTION OF THE LONG-TERM CLINICAL BENEFIT OF THE CARDIAC RESYNCHRONIZATION THERAPY BY QRS MORPHOLOGY

Arwa Younis, May Goldenberg, Valentina Kutyla, Bronislava Polonsky, Scott McNitt, Wojciech Zareba, Gregory Golovchiner, Alon Barsheshet, University of Rochester, Rochester, NY, USA

252 - THE ROLE AND OUTCOMES OF NEW SUPRAVENTRICULAR TACHYCARDIA SVT AMONG PATIENTS WITH MILD HEART FAILURE

Arwa Younis, Ilan Goldenberg, Scott McNitt, Valentina Kutyla, Mehmet Aktas, University of Rochester, Rochester, NY, USA

240 - ULTRASOUND GUIDED AXILLARY VEIN ACCESS: AN ALTERNATIVE APPROACH FOR VENOUS ACCESS FOR CARDIAC DEVICE IMPLANTATION



Jonathan Chandler, Nachiket Apte, John Fritzlen, Robert Weidling, Sean Lacy, Arslan Naeem, Madhu Reddy, Rigoberto Ramirez, Martin Emert, Loren Berenbom, Rhean Linette Pimentel, Raghuveer Dendi, Seth H. Sheldon, University of Kansas Medical Center, Kansas City, KS, USA

**Arrhythmias and Clinical EP - Poster Contributions**

**Session #1322**

**Arrhythmias and Clinical EP: Basic 5**

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

**253 - PREVALENCE OF OBSCN TRUNCATING VARIANTS IN LONE ATRIAL FIBRILLATION**

Irina Rudaka, Dmitrijs Rots, Oskars Kalejs, Linda Gailite, Riga Stradiņš University, Riga, Latvia, Pauls Stradins Clinical University Hospital, Riga, Latvia

**254 - RELATIONSHIP BETWEEN ATRIAL FIBRILLATION AND ANGIOPOIETIN-2 ELEVATION REMAINS SIGNIFICANT FOLLOWING 1-YEAR INTERVAL**

Jack S. Bontekoe, Dimpri Patel, Justin Lee, Vinod Bansal, Mushabbar A. Syed, Debra A. Hoppensteadt, Paula Maia, Amanda Walborn, Jeffrey Liles, Yevgeniy Brailovsky, Jawed Fareed, Loyola University Medical Center, Maywood, IL, USA

**255 - INCIDENCE AND IMPLICATIONS OF ATRIAL FIBRILLATION IN HYPERTENSION: INSIGHTS FROM THE SPRINT TRIAL**

Vibhu Parcha, Nirav Patel, Rajat Kalra, Orlando Gutierrez, Suzanne Oparil, Garima Arora, Pankaj Arora, University of Alabama at Birmingham, Birmingham, AL, USA

**256 - HANDS-ON DEFIBRILLATION WITH SAFETY DRAPES: MOVING CLOSER TO CLINICAL PRACTICE**

Peyton Hanson, John A. Wight, Arslan Zahid, Shahriar Iravanian, Michael Lloyd, Emory University, Atlanta, GA, USA

**Congenital Heart Disease - Poster Contributions**

**Session #1307**

**Congenital Heart Disease: Pediatric 5**

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

**055 - A CONTEMPORARY ANALYSIS: PRESENTING SYMPTOMS AND TIMING OF SURGICAL INTERVENTION IN PATIENTS WITH A VASCULAR RING**

Nicolle Ceneri, Adam Christopher, Manan Desai, Eleanor Gerhard, Karthik Ramakrishnan, Mary Donofrio, Children's National Heart Institute, Washington, DC, USA

**056 - POSTOPERATIVE OUTCOMES AND ORGAN DYSFUNCTION IN MALNOURISHED CHILDREN UNDERGOING CONGENITAL HEART SURGERY**

Jaime Silva-Gburek, Andrea Marroquin, Saul Flores, Dantin Roddy, Nancy Ghanayem, Lara Shekerdemian, Jorge Coss-Bu, Baylor College of Medicine/Texas Children's Hospital, Houston, TX, USA, Texas Children's Heart Center, Houston, TX, USA

**057 - MATERNAL REACTION AND PSYCHOLOGICAL COPING AFTER DIAGNOSIS OF CONGENITAL HEART DISEASE**

Brooke Davey, Ji Hyun Lee, Rosa Rodrigues, Alison Bradley, Sigfus Gunnlaugsson, Christine Ohannessian, Jill Popp, Connecticut Children's, Hartford, CT, USA

**058 - ASSOCIATION BETWEEN FONTAN TIMING, LENGTH OF STAY AND VIRAL INFECTION BURDEN**

Garick David Hill, Rohit Seth Loomba, Saul Flores, Tarek Alsaied, Philip Khoury, James Frank Cnota, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA, Advocate Children's Hospital, Chicago, IL, USA

**059 - NATIONAL TRENDS IN PEDIATRIC HOSPITAL ADMISSIONS FOR ACQUIRED HEART DISEASE: AN ANALYSIS OF THE KIDS' INPATIENT DATABASE FROM 1997-2016**

Lindsay Eilers, Kristen Sexson, Iwen Pan, Sandi Lam, Susan Denfield, Baylor College of Medicine, Houston, TX, USA, Texas Children's Hospital, Houston, TX, USA

**060 - CLINICAL AND ECHOCARDIOGRAPHIC PARAMETERS IN PEDIATRIC PATIENTS WITH HYPERTROPHIC CARDIOMYOPATHY: RELATIONSHIP TO LV GLOBAL LONGITUDINAL STRAIN**

Jared Klein, Alaa Alashi, Laurence Max Svensson, Rukmini Komarlu, Elizabeth Saarel, Peter Aziz, Hani Najm, Harry Lever, Kenneth Zahka, Milind Y. Desai, Cleveland Clinic, Cleveland, OH, USA

**061 - POOR WEIGHT RECOVERY BETWEEN STAGE 1 PALLIATION AND HOSPITAL DISCHARGE: AN ANALYSIS OF THE NPC-QIC PHASE II DATASET**

Rohin Moza, Dongngan Truong, Linda Lambert, Zhining Ou, Venugopal Amula, Aaron Eckhauser, L. LuAnn Minich, Richard Williams, University of Utah / Primary Children's Hospital, Salt Lake City, UT, USA

**062 - LONG-TERM OUTCOMES AFTER SURGICAL CORRECTION OF TETRALOGY OF FALLOT: VALVE-SPARING REPAIR DECREASES RE-INTERVENTION AND OVERALL BURDEN OF RESIDUAL LESIONS COMPARED TO TRANSANNULAR PATCHES**

Samuel Blais, Ariane Marelli, Alain Vanasse, Christian Drolet, Adrian Dancea, Nagib Dahdah, Frederic Dallaire, Centre de Recherche du Centre Hospitalier Universitaire de Sherbrooke, Sherbrooke, Canada

**063 - FREQUENCY: VERY LOW YIELD OF FETAL ECHOCARDIOGRAPHY IN HIGH-RISK PREGNANCIES WITH A NORMAL OBSTETRICAL SECOND-TRIMESTER ULTRASOUND**

Mikhail-Paul Cardinal, Camille Noël, Marie-Hélène Gagnon, Cassandre Têtu, Alain Vanasse, Marie-Ève Roy-Lacroix, Thomas G. Poder, Ariane Marelli, Tiscar Cavalle-Garrido, Laurence Vaujois, Jean-Luc Bigras, Frédéric Dallaire, Centre Hospitalier Universitaire de Sherbrooke, Sherbrooke, Canada, Université de Sherbrooke, Sherbrooke, Canada

**064 - THE IMPACT OF SOCIOECONOMIC STATUS ON NEURODEVELOPMENTAL OUTCOMES IN CONGENITAL HEART DISEASE**

Whitnee Hogan, Yensy Zetino, Patrick McQuillen, Shabnam Peyvandi, University of California, San Francisco, San Francisco, CA, USA

**Heart Failure and Cardiomyopathies - Poster Contributions**

**Session #1308**

**Heart Failure and Cardiomyopathies: Clinical 5**

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

**065 - HEALTHCARE DISPARITIES IN CARDIO ONCOLOGY: PATIENTS RECEIVE SAME LEVEL OF SURVEILLANCE REGARDLESS OF RACE AND SOCIOECONOMIC STATUS AT A SAFETY NET HOSPITAL**

Crystal Chen, Raj Dalsania, Eman A. Hamad, Temple University Hospital, Philadelphia, PA, USA

**066 - MYOCARDITIS IN CHILDREN: IS THERE AN ERA EFFECT?**

Othman Aljohani, Duncan Mackie, Andras Bratincsak, John Bradley, James C. Perry, Rady Children's Hospital, San Diego, CA, USA

**067 - COPEPTIN LEVELS IN ACUTE HEART FAILURE ARE ASSOCIATED WITH A HIGHER RISK PHENOTYPE, BUT NOT DIURETIC RESPONSE**

Seda Babroudi, Wendy McCallum, Anna Giczewska, Pablo Quintero Pinzon, Marvin A. Konstam, Michael Kiernan, Tufts Medical Center, Boston, MA, USA

**068 - ECHOCARDIOGRAPHIC RIGHT VENTRICULAR DP/DT CHANGE IN RESPONSE TO INOTROPE PREDICTS RIGHT VENTRICULAR FAILURE IN PATIENTS WITH LEFT VENTRICULAR ASSIST DEVICE**





Dan 'Leslie' Li, Vineet Agrawal, Gabriel Hernandez, Evan L. Brittain, Ashish Shah, Lisa A. Mendes, JoAnn Lindenfeld, Vanderbilt University Medical Center, Nashville, TN, USA

069 - 30-DAY REHOSPITALIZATION FOR NEW ONSET HEART FAILURE AFTER AN INITIAL NON-CARDIOVASCULAR HOSPITALIZATION

Manyyo Agarwal, Boback Ziaeian, Gregg C. Fonarow, University of California Los Angeles, Los Angeles, CA, USA

070 - EFFECT OF BASELINE LEFT VENTRICULAR EJECTION FRACTION ON FUTURE CLINICAL OUTCOMES IN A REAL-WORLD POPULATION OF PATIENTS WITH HEART FAILURE: HOW EXACTLY DOES HFREF COMPARE WITH HFPEF?

J. Brent Muhlestein, Jennifer Kammerer, Tami Bair, Kirk Knowlton, Viet T. Le, Jeffrey L. Anderson, Donald Lappe, Heidi May, Intermountain Medical Center, Salt Lake City, UT, USA

071 - DIAGNOSTIC DELAY AND CHARACTERIZATION OF THE CLINICAL PRODROME IN AL AMYLOIDOSIS RELATED CARDIOMYOPATHY AMONG 1,173 PATIENTS DIAGNOSED BETWEEN 2001-2018

Laura Hester, Dina Gifkins, Kevin Bellew, Jessica Vermeulen, Jordan Schecter, John T. Strony, Brendan Weiss, Janssen Research & Development, LLC, Titusville, NJ, USA

072 - INITIATION OF ANTI-HYPERTENSIVE DRUGS AND OUTCOMES IN PATIENTS WITH HEART FAILURE WITH REDUCED EJECTION FRACTION (HFREF)

Shalini D. Allam, Poonam Bhyan, Phillip H. Lam, Cherinne Arundel, Charles Faselis, Prakash Deedwania, Richard M. Allman, Wilbert S. Aronow, Gregg C. Fonarow, Ali Ahmed, Medstar Georgetown University Hospital, Washington, DC, USA, VA Medical Center, Washington, DC, USA

073 - VARIABLE LEFT VENTRICULAR EJECTION FRACTION ON MULTIGATED RADIONUCLIDE IMAGING ANALYZED BY DIFFERENT SOFTWARE PACKAGES IN PATIENTS WITH CANCER

Anoshia Raza, Giselle Suero-Abreu, Phillip Lim, Khyati Mehta, Hector Salcedo, Joshua Kra, Anupama Hooda-Nehra, Julius Gardin, Yiyan Liu, Marc Klapholz, Alfonso Waller, Rutgers New Jersey Medical School, Newark, NJ, USA

074 - THE EFFECT OF BODY MASS INDEX ON HOSPITALIZATION IN HEART FAILURE WITH PRESERVED EJECTION FRACTION AND DIABETES MELLITUS

Zeba Hashmath, Abhishek Bose, Parag Anilkumar Chevli, Fnu Avinashsinghewarsingh, Akil Sherif, Shubhi Pandey, Tanvi Shah, Joseph Kirkpatrick, Saint Vincent Hospital, Worcester, MA, USA

075 - CHARACTERISTICS OF PATIENTS DIAGNOSED WITH CARDIAC TRANSTHYRETIN AMYLOIDOSIS BY TECHNETIUM PYROPHOSPHATE UPTAKE WITHIN A HEALTHCARE SYSTEM

Angie Seo, Hyeon-Ju Ryoo Ali, Rimmy Garg, Danni Fu, Kashif Ather, Daniel Levine, Raymond R. Russell, III, Brown University Alpert Medical School, Providence, RI, USA

076 - HYPOCHLOREMIA AT TIME OF LEFT VENTRICULAR ASSIST DEVICE IMPLANTATION IS ASSOCIATED WITH DECREASED ONE YEAR SURVIVAL

Vincenzo Trovato, Harpreet Singh, Sakima Ahmad Smith, The Ohio State University Wexner Medical Center, Columbus, OH, USA

077 - THE EFFECT OF CLIMATE FACTORS ON MORTALITY IN HEART FAILURE: A NATIONAL-LEVEL ANALYSIS OF THE VETERANS HEALTH ADMINISTRATION

Persio Lopez, Eder Hans Cativo Calderon, Diana Otero, Mahjabeen Rashid, Steven Atlas, Clive Rosendorff, James J. Peters VA Medical Center, New York, NY, USA, Icahn School of Medicine Mount Sinai, New York, NY, USA

079 - EPIDEMIOLOGY OF HEART FAILURE STAGES IN MIDDLE-AGED BLACKS IN THE COMMUNITY

Olushola B. Obafemi, Solomon K. Musani, Kunihiro Matsushita, Kenneth Butler, Patricia Chang, Thomas Mosley, Ervin Fox, Vasan S. Ramachandran, University of Mississippi Medical Center, Jackson, MS, USA

080 - THE IMPACT OF NONSTEROIDAL ANTI-INFLAMMATORY DRUG USE ON PROGNOSIS IN PATIENTS HOSPITALIZED FOR ACUTE HEART FAILURE

Thiratest Leesutipornchai, Thanaporn Ratchataswan, Palapun Waitayangkoon, Aunchalee Jaroenlapnopparat, Supanee Sinphurmsukskul, Aekarach Ariyachaipanich, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand, King Chulalongkorn Memorial Hospital, Bangkok, Thailand

081 - INFLUENCE OF AGE ON EFFICACY AND SAFETY OF SACUBITRIL/VALSARTAN IN HEART FAILURE WITH PRESERVED EJECTION FRACTION

Orly Vardeny, Brian Claggett, Inderjit Anand, Muthiah Vaduganathan, Marc A. Pfeffer, Faiez Zannad, Aldo Pietro Maggioni, Margaret M. Redfield, Milton Packer, Akshay S. Desai, John Cleland, Gerasimos S. Filippatos, Sanjiv Shah, John McMurray, Scott D. Solomon, Minneapolis VA Health Care System, Minneapolis, MN, USA

092 - DIAGNOSING HFPEF: VALIDATION OF A NONINVASIVE DIAGNOSTIC APPROACH AGAINST INVASIVE HEMODYNAMICS

Shawn X. Li, Timothy W. Churchill, Lisa A. Curreri, Elizabeth Liu, Robyn Farrell, Mark W. Schoenike, John Sbarbaro, Jennifer N. Rouvina, Casey G. White, Alyssa Kowal, Rajeev Malhotra, Matthew G. Naylor, Gregory D. Lewis, Jennifer E. Ho, Massachusetts General Hospital, Boston, MA, USA

093 - INCIDENCE AND IMPLICATIONS OF PULMONARY ARTERY CATHETER USE IN REVASCULARIZED PATIENTS WITH MYOCARDIAL INFARCTION AND CARDIOGENIC SHOCK: INSIGHTS FROM LARGE US NATIONAL DATABASE

Said Ashraf, Tomo Ando, Oluwale Adegba, Mohamed Shokr, John Dawdy, Carlos Oviedo, M. Chadi Alraies, Luis C. Afonso, Binita Shah, Wayne State University/Detroit Medical Center, Detroit, MI, USA, New York University, New York, NY, USA

094 - ACUTE MYOCARDITIS WITH OR WITHOUT ACUTE HEART FAILURE. DIFFERENTIAL FEATURES AND OUTCOMES IN A POPULATION-BASED STUDY OVER 14 YEARS IN SPAIN

Manuel Anguita Sanchez, Martin Ruiz Ortiz, José L. Bernal-Sobrino, Cristina Fernández-Pérez, Juan L. Bonilla-Palomas, Francisco Marín-Ortuno, Francisco J. Elola-Somoza, Hospital Reina Sofia, Cordoba, Spain, Spanish Society of Cardiology, Madrid, Spain

095 - MITRAL REGURGITATION AND IMPACT ON OUTCOMES IN PATIENTS WITH HEART FAILURE WITH PRESERVED EJECTION FRACTION: A TOPCAT ANALYSIS

Ginger Jiang, Kevin Kennedy, Jordan B. Strom, Pablo Quintero Pinzon, Lisa Fleming, Michael C. Gavin, Arthur Garan, Marwa A. Sabe, Beth Israel Deaconess Medical Center, Boston, MA, USA

096 - GLOBAL LONGITUDINAL STRAIN PREDICTS PROGRESSIVE HEART FAILURE IN NONOBSTRUCTIVE HYPERTROPHIC CARDIOMYOPATHY

Ethan Rowin, Barry Maron, Sophie B. Wells, Austin Burrows, Christopher Firely, Ayan R. Patel, Martin Maron, Tufts Medical Center, Boston, MA, USA

097 - TRASTUZUMAB CARDIOTOXICITY SURVEILLANCE BY ARTIFICIAL INTELLIGENCE-AUGMENTED ELECTROCARDIOGRAPHY IN A MULTI SITE STUDY

Zachi Itzhak Attia, Suraj Kapa, Peter Noseworthy, Meir Tabi, Samuel Asirvatham, Patricia Pellikka, Gaurav Satam, Francisco Lopez-Jimenez, Paul Friedman, Joerg Herrmann, Mayo Clinic, Rochester, MN, USA

098 - EXTERNAL VALIDATION OF AN ARTIFICIAL INTELLIGENCE-GENERATED ALGORITHM TO DETECT LEFT VENTRICULAR SYSTOLIC DYSFUNCTION WITH ELECTROCARDIOGRAPHY IN THE POPULATION

Zachi Itzhak Attia, Ernest Diez Benavente, Andrew S. Tseng, David A. Leon, Jose Medina-Inojosa, Sofia Malyutina, Suraj Kapa, Henrik Schirmer, Alexander Kudryavtsev, Peter Noseworthy, Andrey Ryabikov, Rickey Carter, Pablo Perel, Paul Friedman, Francisco Lopez-Jimenez, Mayo Clinic, Rochester, MN, USA, London School of Hygiene and Tropical Medicine, London, United Kingdom



099 - PLASMA AND URINARY C-TYPE NATRIURETIC PEPTIDE AS PROGNOSTIC BIOMARKERS FOR HUMAN ACUTE DECOMPENSATED HEART FAILURE

Xiao Ma, Yang Chen, Seethalakshmi Iyer, Shawn Reginald, Christopher Scott, John Burnett, Jeson Sangaralingham, Mayo Clinic, Rochester, MN, USA

100 - USE OF TROPONIN TO CKMB RATIOS TO COMPARE AND DIFFERENTIATE BETWEEN TAKOTSUBO CARDIOMYOPATHY AND MYOCARDITIS

Maddi Massa, Jesse Kellar, Abhimanyu Beri, Sarah Harris-Kober, Alan Davis, Samuel Wisniewski, Spectrum Lakeland Health, Saint Joseph, MI, USA

101 - POTENTIALLY INAPPROPRIATE MEDICATION USE AMONG PATIENT WITH HEART FAILURE PRESERVED VERSUS REDUCED EJECTION FRACTION AT AN ACADEMIC MEDICAL CENTER IN RIYADH, SAUDI ARABIA

Samaher Alatmi, Khalid Alburikan, Hadeel Alkofide, King Saud University Medical City, Riyadh, Saudi Arabia

112 - SEASONAL VARIATIONS IN MORTALITY OF PATIENTS WITH CONGESTIVE HEART FAILURE: AN ANALYSIS OF THE VETERANS HEALTH ADMINISTRATION DATABASE

Eder Hans Cativo Calderon, Persio Lopez, Diana Otero, Mahjabeen Rashid, Steven Atlas, Clive Rosendorff, Icahn School of Medicine Mount Sinai, New York, NY, USA, James J Perter Bronx Va, Bronx, NY, USA

113 - DIFFERENCES IN QUALITY OF LIFE AND FUNCTIONAL STATUS OF PATIENTS WITH HYPERTROPHIC CARDIOMYOPATHY, ACCORDING TO SEX

Evangelos Oikonomou, Andreas Angelopoulos, Georgia Vogiatzi Jr., George Lazaros, Alexios Antonopoulos, Antigoni Miliou, Paraskevi Papanikolaou, Vasiliki-Chara Mystakidi, Panagiotis Theofilis, Christos Georgakopoulos, Evangelia Sigala, Charalambos Vlachopoulos, Dimitris Tousoulis, First Cardiology Clinic, Hippokratio Hospital, National and Kapodistrian University of Athens, Athens, Greece

114 - ASSESSING THE SAFETY AND CLINICAL OUTCOMES OF BETA-BLOCKERS IN PATIENTS WITH HEART FAILURE AND REDUCED EJECTION FRACTION WITH CONCOMITANT COCAINE USE: A META-ANALYSIS

Kirtipal Bhatia, Vivek Amit Modi, Bharat Narasimhan, Aditya A. Joshi, Karan Sud, Lingling Wu, Guneesh Uberoi, Devika Aggarwal, Celine Soudant, Syed Haider, Arie Fox, Mount Sinai St. Luke's-West Hospital, New York, NY, USA

115 - TEMPORAL TRENDS IN SEVERITY IN CLINICAL RISK PROFILES AMONG PATIENTS HOSPITALIZED FOR HEART FAILURE

Carine Hamo, Adam DeVore, Gregg C. Fonarow, Stephen Greene, Muthiah Vaduganathan, Clyde W. Yancy, Paul A. Heidenreich, Di Lu, Roland Matsouaka, Javed Butler, Duke Clinical Research Institute, Durham, NC, USA

116 - DETECTION OF SUB-CLINICAL LEFT VENTRICULAR DYSFUNCTION IN MYOCARDITIS

Samuel L. Kulifay, Dominic Lattanzio, Alex Callow, Brandon Mikolich, J. Ronald Mikolich, Sharon Regional Medical Center, Sharon, PA, USA, Northeast Ohio Medical University (NEOMED), Rootstown, OH, USA

117 - DESCRIPTION OF LEFT VENTRICULAR STRAIN IN DANON DISEASE: INSIGHTS FROM A GLOBAL REGISTRY

Quan Bui, Gary Ma, Megan Kraushaar, Victor Escobedo, Boss Le, Liz Covarrubias, Michela Brambatti, Andrew Kahn, Chrystelle Bougault, Kimberly N. Hong, Matthew R. Taylor, Eric Adler, UC San Diego, La Jolla, CA, USA

118 - INCIDENCE AND CLINICAL EVOLUTION OF LONG TERM ANTHRACYCLINE CARDIOTOXICITY

Jose Maria Serrano Antolin, Rebeca Mata Caballero, Carmen Cristobal, Iria Gonzalez, Carlos Gutierrez Landaluce, Silvia del Castillo, Rosa Maria Jimenez, Catherine Graupner, Pedro Talavera, Javier Alonso Bello, Juan Guerra, JOAQUIN ALONSO MARTIN, Alejandro Curcio, Hospital Universitario de Fuenlabrada, Fuenlabrada, Spain, Hospital Universitario de Getafe, Getafe, Spain

119 - ASSOCIATION BETWEEN DONOR TRANSMITTED ATHEROSCLEROSIS AND CARDIOVASCULAR OUTCOMES AFTER HEART TRANSPLANT

Raed Qarajeh, Mohamed Omer, Hunter Brandt, David Safley, A. Michael Borkon, Mark Everley, Timothy Fendler, Andrew Kao, Taiyeb Khumri, Stephanie Lawhorn, Anthony Magalski, Michael Nassif, Deepthi Vodnala, Bethany Austin, Brett Sperry, Saint Luke's Mid America Heart Institute, Kansas City, MO, USA, University of Missouri-Kansas City, Kansas City, MO, USA

120 - MANAGEMENT AND OUTCOMES OF CARDIOGENIC SHOCK IN CARDIAC ICUS WITH AND WITHOUT SHOCK TEAMS: DATA FROM THE CRITICAL CARE CARDIOLOGY TRIALS NETWORK (CCCTN) REGISTRY

Alexander Papolos, Christopher Barnett, Ben Kenigsberg, Anson Brown, Erin Ann Bohula, David Berg, Jianping Guo, Sean Van Diepen, Jason Katz, David A. Morrow, on behalf of the CCCTN Investigators, Medstar Washington Hospital Center, Washington, DC, USA, Brigham & Women's Hospital, Boston, MA, USA

121 - OUTCOMES WITH IMPELLA IN NON-AMI CARDIOGENIC SHOCK

Kaushik Amancherla, Jay Patel, Elias V. Haddad, Vanderbilt University Medical Center, Nashville, TN, USA

132 - ASSOCIATION OF ADIPONECTIN WITH RISK OF CARDIOVASCULAR EVENTS AND HEART FAILURE IN OLDER ADULTS: ATHEROSCLEROSIS RISK IN COMMUNITIES (ARIC) STUDY

Lu Xu, Wensheng Sun, Xiaoming Jia, Eric Boerwinkle, Kunihiro Matsushita, Chiadi Ndumele, Elizabeth Selvin, Bing Yu, Christie M. Ballantyne, Ron Hoogeveen, Baylor College of Medicine, Houston, TX, USA

133 - ARTIFICIAL INTELLIGENCE ENABLED ECG DETECTS SIGNIFICANT LEFT VENTRICULAR DYSFUNCTION IN SUBJECTS WITH DILATED CARDIOMYOPATHY

Sanskriti Shrivastava, Michal Shelly, Zachi Itzhak Attia, Andrew Rosenbaum, Liwei Wang, Margaret M. Redfield, Francisco Lopez-Jimenez, Suraj Kapa, Kent Bailey, Paul Friedman, Naveen Pereira, Mayo Clinic, Rochester, MN, USA

134 - IS THERE A "WEEKEND EFFECT" IN MULTIORGAN TRANSPLANTATION

Robin Chand, Corey Lum, Eugene Christopher DePasquale, Harbor-UCLA Medical Center, Torrance, CA, USA, Keck USC Medical Center, Los Angeles, CA, USA

135 - COMPARING MORTALITY IN HEART TRANSPLANTATION UTILIZING DONOR HEARTS WITH AND WITHOUT CAD

Robin Chand, Corey Lum, Ajay Vaidya, Eugene Christopher DePasquale, Harbor-UCLA Medical Center, Torrance, CA, USA, Keck USC Medical Center, Los Angeles, CA, USA

136 - POST-TRANSPLANT OUTCOMES FOR PATIENTS BASED ON DURATION OF SMOKING CESSATION AT TIME OF HEART TRANSPLANT (HT) LISTING

Grace Liu, Eugene Christopher DePasquale, Joseph Rahman, Kruti Pandya, Darko Vucicevic, Aaron Wolfson, Robin Chand, Jonathan Nattiv, Pooya Banankhah, Percy Genyk, Jason Li, Philip Kingsford, Ajay Vaidya, Keck School of Medicine of USC, Los Angeles, CA, USA

137 - ACUTE MYOCARDIAL INFARCTION REDUCES SURVIVAL IN PATIENTS WITH LEFT VENTRICULAR ASSIST DEVICES—ANALYSIS FROM THE AGENCY FOR HEALTHCARE RESEARCH AND QUALITY STATE INPATIENT DATABASES

Chien-Jung Lin, Elena Deych, Shane LaRue, Justin Vader, Washington University School of Medicine, Saint Louis, MO, USA

138 - LEFT VENTRICULAR ASSIST DEVICES FOR ACUTE MYOCARDIAL INFARCTION ASSOCIATED WITH WORSE SURVIVAL THAN FOR OTHER INDICATIONS: ANALYSIS FROM THE AGENCY FOR HEALTHCARE RESEARCH AND QUALITY STATE INPATIENT DATABASES

Chien-Jung Lin, Elena Deych, Shane LaRue, Justin Vader, Washington University School of Medicine, Saint Louis, MO, USA



139 - COMPARISON OF SIX-MONTHS OUTCOMES IN PATIENTS BRIDGED TO HEART TRANSPLANT (HT) WITH INOTROPES BEFORE AND AFTER UNOS HEART ALLOCATION POLICY CHANGE

Grace Liu, Eugene Christopher DePasquale, Joseph Rahman, Kruti Pandya, Darko Vucicevic, Aaron Wolfson, Jonathan Nattiv, Robin Chand, Pooya Banankhah, Percy Genyk, Philip Kingsford, Jason Li, Ajay Vaidya, Keck School of Medicine of USC, Los Angeles, CA, USA

140 - L-LEUCINE: A NOVEL BIOMARKER THAT PREDICTS LOWER MORTALITY IN PATIENTS WITH HEART FAILURE WITH PRESERVED EJECTION FRACTION

Manasi Tannu, Sneha Gadi, Aditi Nayak, Chang Liu, Anurag Mehta, Ayman S. Tahhan, Yi-An Ko, Karan Uppal, Dean Jones, Javed Butler, Alanna Morris, Arshed A. Quyyumi, Emory University Hospital, Atlanta, GA, USA

141 - THE CLINICAL IMPACT OF PORTAL VEIN PULSATILITY ON THE PROGNOSIS OF HOSPITALIZED ACUTE HEART FAILURE PATIENTS

Naoya Kuwahara, Tomoyuki Honjo, Kenji Kaihotsu, Kouhei Kamemura, Kazuhiko Nakayama, Junichi Imanishi, Naohiko Sone, Masanori Iwashita, Shinko Hospital, Kobe, Japan

152 - PRE-LVAD HEMODYNAMICALLY OPTIMIZATION BY CARDIOMEMS TO IMPROVE POST-LVAD SURGERY QUALITY OF LIFE & FUNCTIONAL PERFORMANCE

Jesse Veenis, Jasper J. Brugts, Erasmus MC, University Medical Center Rotterdam, Rotterdam, The Netherlands

153 - BEHAVIORAL FACTORS AS MEDIATORS OF THE IMPACT OF EDUCATIONAL ATTAINMENT ON INCIDENT HEART FAILURE: A MEDIATION ANALYSIS

Lin Yifen, Zhang Shaozhao, Zhong Xiangbin, Li Yuqi, Sun Xiuting, Huang Yiquan, Fan Yongqiang, Guo Yue, Xiong Zhenyu, Zhou Huimin, Liu Menghui, Xu Xingfeng, Yang Daya, Zhuang Xiaodong, Liao Xinxue, Cardiology department, First affiliated hospital of Sun Yat-Sen University, Guangzhou, People's Republic of China, NHC Key Laboratory of Assisted Circulation (Sun Yat-Sen University), Guangzhou, People's Republic of China

154 - NEW ONSET AF CAN BE PREDICTED WITH HIGH RELIABILITY IN HCM: A CLINICAL PREDICTIVE MODEL

Richard Carrick, Martin Maron, Benjamin Wessler, Bradley Maron, Ethan Rowin, Tufts Medical Center, Boston, MA, USA

155 - ASSOCIATION OF ECG MEASURES AND BIOMARKERS OF INFLAMMATION AND CARDIAC INJURY (GDF-15 AND HS-CTNT) IN MIDDLE-AGED AND OLDER ADULTS: THE MULTI-ETHNIC STUDY OF ATHEROSCLEROSIS

Leonard Ilkhanoff, Stephen Seliger, Henry Tran, Marco Sbolli, Joao A. C. Lima, Christopher R. DeFilippi, Inova Heart and Vascular Institute, Falls Church, VA, USA, Johns Hopkins Medical Institute, Baltimore, MD, USA

156 - PROGNOSTIC IMPACT OF FRACTIONAL EXCRETION OF UREA NITROGEN AND URINE OSMOLALITY IN PATIENTS WITH ACUTE DECOMPENSATED HEART FAILURE

Yoshinori Iida, Haruhiko Abe, Masahiko Nakamura, Takuya Ohashi, Chieko Toriyama, Koutarou Takayasu, Tatsuhiro Ozaki, Syumpei Kosugi, Kazuya Shinouchi, Tsuyoshi Mishima, Motoo Date, Yasunori Ueda, Masaaki Uematsu, Yukihiro Koretsune, National Hospital Organization Osaka National Hospital, Osaka, Japan

Interventional Cardiology - Poster Contributions

Session #1300

Interventional Cardiology: Translation and Pre-clinical Research 5

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

001 - IMPACT OF WEIGHT ON THE ANTIPLATELET EFFECTS OF ASPIRIN-RESULTS OF A POOLED ANALYSIS OF TWO RANDOMIZED CROSSOVER

STUDIES COMPARING A LIQUID ASPIRIN FORMULATION WITH ENTERIC COATED ASPIRIN

Deepak L. Bhatt, Dominick Angiolillo, Philippe Gabriel Steg, Weihong Fan, Carey Kimmelstiel, Roxana Mehran, George D. Dangas, Jayne Prats, Efthymios Deligdis, Brigham and Women's Hospital Heart & Vascular Center, Boston, MA, USA

002 - AFRICAN AMERICAN WOMEN WITH DIABETES UNDERGOING CATHETERIZATION REPRESENT MOST PROTHROMBOTIC SUBGROUP: AN EXPLANATION FOR THE PLATINUM DIVERSITY STUDY RESULTS?

Paul A. Gurbel, Udaya Tantry, Wayne B. Batchelor, Rahul Chaudhary, Kevin Bliden, Inova Heart and Vascular Institute, Falls Church, VA, USA, Sinai Hospital, Baltimore, MD, USA

003 - COLCHICINE INHIBITS NEUTROPHIL EXTRACELLULAR TRAP FORMATION IN ACUTE CORONARY SYNDROME PATIENTS POST PERCUTANEOUS CORONARY INTERVENTION

Bradley Tucker, Kaivan Vaidya, Rahul Kurup, Chinmay Khandkar, Jennifer Barraclough, Ashish Misra, Mary Kavurma, Gonzalo Martinez, Kerry-Anne Rye, Blake Cochran, Sanjay Patel, Heart Research Institute, Newtown, Australia, UNSW, Kensington, Australia

004 - VASCULAR RESPONSE OF A POLYMER-FREE, PACLITAXEL-COATED STENT (ZILVER PTX) VERSUS A POLYMER-COATED, PACLITAXEL-ELUTING STENT (ELUVIA) IN HEALTHY SWINE ILIOFEMORAL ARTERIES

Atsushi Sakamoto, Hiroyuki Jinnouchi, Anne Cornelissen, Yu Sato, Masayuki Mori, Rika Kawakami, Daniela Fuller, Neel Gadhoke, Raquel Fernandez, Liang Guo, Frank D. Kolodgie, Renu Virmani, Alok V. Finn, CVPath Institute, Gaithersburg, MD, USA

006 - ALL-OPTICAL ULTRASOUND: A NEW PLATFORM FOR INTRACORONARY IMAGING

Callum Little, Richard J. Colchester, Gavin Manmathan, Roby D. Rakhit, Adrien E. Desjardins, University College London, London, United Kingdom, Royal Free Hospital NHS Foundation Trust, London, United Kingdom

007 - LONG-TERM BIOCOMPATIBILITY AND MECHANICAL PERFORMANCE OF A NEW BALLOON EXPANDABLE TRANSCATHETER BIOLOGICAL AORTIC VALVE SYSTEM ASSESSED BASED ON NOVEL OVINE AORTIC BANDING MODEL

Piotr P. Buszman, Carlos Fernandez, Mateusz Kachel, Maciej Pruski Jr., Adam Janas, Magdalena Michalak, Krzysztof Milewski, Andrzej Bochenek, Pawel Buszman, Center for Cardiovascular Research, American Heart of Poland, Katowice, Poland, Andrzej Frycz Modrzewski Kraków University, Kraków, Poland

008 - LONG-TERM EVALUATION OF BIOCOMPATIBILITY AND ENDURANCE OF A NOVEL, BALLOON EXPANDABLE TRANSCATHETER POLYMERIC AORTIC VALVE IN THE OVINE AORTIC BANDING MODEL

Piotr P. Buszman, Mateusz Kachel, Wojciech Domaradzki, Carlos Fernandez, Maciej Pruski, Adam Janas, Magdalena Michalak, Krzysztof Milewski, Andrzej Bochenek, Pawel Buszman, Center for Cardiovascular Research, American Heart of Poland, Katowice, Poland, Andrzej Frycz Modrzewski Kraków University, Kraków, Poland

009 - IMPLANTATION FEASIBILITY AND EARLY VASCULAR RESPONSE OF A NOVEL PLLA/PLGA BIORESORBABLE SCAFFOLD IN PORCINE CORONARY IN-STENT RESTENOSIS MODEL

Piotr P. Buszman, Mateusz Kachel, Magdalena Michalak, Marta Konopko, Michał Sobota, Jerzy Małachowski, Pawel Buszman, Krzysztof Milewski, Center for Cardiovascular Research, American Heart of Poland, Katowice, Poland, Andrzej Frycz Modrzewski Kraków University, Kraków, Poland



**Interventional Cardiology - Poster Contributions**

**Session #1301**

**Interventional Cardiology: Angiography and Interventional CT/MR 5**

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

010 - DIAGNOSTIC ACCURACY OF CARDIAC MAGNETIC RESONANCE VERSUS FRACTIONAL FLOW RESERVE FOR CORONARY ARTERY DISEASE SEVERITY: A META-ANALYSIS

Waqas Ullah, Sohaib Roomi, Hafez Mohammad Abdullah, Donald Haas, Vincent M. Figueredo, Abington Jefferson Health, Abington, PA, USA

011 - INTER- AND INTRA-USER VARIABILITY OF THE SYNTAX SCORE

Evan Levine, Craig Basman, Astha Tejpal, Ryan Barry, Shankar Thampi, Umar Rashid, Neil Coplan, Varinder P. Singh, Lenox Hill Hospital, New York, NY, USA

012 - PERSISTENT REVERSED FLOW AND ANTEGRADE SLOW FLOW OF THE RIGHT CORONARY ARTERY WITH ANOMALOUS ORIGIN FROM THE LEFT SINUS ARE THE MECHANISMS FOR CHEST PAIN AND SUDDEN DEATH

Luan M. Ngo, Duy Chung, An Ngo, Thach Nguyen, Gianluca Rigatelli, Methodist Hospital, Merrillville, IN, USA

013 - COMPARISON OF EARLY VERSUS DELAYED CORONARY ANGIOGRAPHY IN OUT-OF-HOSPITAL CARDIAC ARREST WITHOUT ST SEGMENT ELEVATION MYOCARDIAL INFARCTION

Muhammad Khalid, Ghulam Murtaza, Muhammad Talha Ayub, Varun Kohli, Rajesh Sachdeva, Gautam Kumar, Rupak Desai, Timir K. Paul, East Tennessee State University, Johnson City, TN, USA

**Interventional Cardiology - Poster Contributions**

**Session #1302**

**Interventional Cardiology: Complex Patients/Comorbidities 5**

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

014 - SEX-RELATED OUTCOMES OF ENDOVASCULAR INTERVENTIONS FOR CRITICAL LIMB ISCHEMIA: RESULTS FROM THE LIBERTY STUDY

Stefanos Giannopoulos, Nicolas Shammass, Ian Cawich, Cezar S. Stalinoae, George Adams, Ehrin J. Armstrong, University of Colorado, Aurora, CO, USA

015 - TWO- AND THREE-YEAR OUTCOMES OF ENDOVASCULAR INTERVENTIONS FOR PERIPHERAL ARTERIAL DISEASE STRATIFIED BY RUTHERFORD CLASSIFICATION

Stefanos Giannopoulos, Jihad A. Mustapha, William A. Gray, Gary M. Ansel, George Adams, Eric Secemsky, Ehrin J. Armstrong, University of Colorado, Aurora, CO, USA

016 - EFFECTS OF SINGLE-CYCLE REMOTE ISCHEMIC PRECONDITIONING AND/OR POSTCONDITIONING ON MYOCARDIAL INJURY IN PATIENTS UNDERGOING EMERGENCY OR ELECTIVE PER-CUTANEOUS INTERVENTION

Kitcha Champasri, Nakin Sansanayudh, Prasart Laotavorn, Chumpol Piamsomboon, Sopon Sanguanwong, Channarong Narksawasdee, Tanyarat Aramsareewong, Dilok Piyayotai, Pisit Hutayanon, Muenpetch Muenkaew, Kid Bhumimuang, Pawit Pipatwattanukul, Phramongkutklo Hospital, Bangkok, Thailand, Thammasat University, Bangkok, Thailand

017 - RISK FACTORS FOR RECURRENT PERICARDIAL DRAINAGE IN PATIENTS WITH MALIGNANT PERICARDIAL EFFUSION

Justin Sharim, Mitul P. Patel, Kurt S. Hoffmayer, University of California, San Diego, San Diego, CA, USA

018 - A SYSTEMATIC REVIEW AND META-ANALYSIS ON EFFECTS OF BASELINE THROMBOCYTOPENIA ON CARDIOVASCULAR OUTCOMES IN CORONARY ARTERY DISEASE PATIENTS UNDERGOING PERCUTANEOUS CORONARY INTERVENTION AT THE LONGEST FOLLOW-UP

Muhammad J. Ahsan, Kanaan Mansoor, Hafiz Muhammad Fazeel, Syeda Sabeeka Batool, Syeda Hassan, Sadia Mobeen, Aqsa Ashraf, Abhishek Thandra, Mohsin Mirza, Michael Del Core, Creighton University, Omaha, NE, USA, Marshall University, Huntington, WV, USA

019 - A SYSTEMATIC REVIEW AND META-ANALYSIS OF PROGNOSTIC SIGNIFICANCE OF ACQUIRED THROMBOCYTOPENIA AFTER PERCUTANEOUS CORONARY INTERVENTION ON IN-HOSPITAL AND 30-DAY CARDIOVASCULAR OUTCOMES IN CORONARY ARTERY DISEASE PATIENTS

Muhammad J. Ahsan, Hafiz Muhammad Fazeel, Noman Lateef, Saad Ullah Malik, Anosha Anwar, Syeda Hassan, Muryum Hassan, Azka Latif, Muhammad Qudrat Ullah, Aqsa Ashraf, Theresa Townley, Nancy Koster, Creighton University, Omaha, NE, USA, University of Arizona, Tucson, AZ, USA

020 - IMPACT OF PREDIABETES ON LONG-TERM OUTCOMES OF PERCUTANEOUS CORONARY INTERVENTION: A SYSTEMATIC REVIEW AND META-ANALYSIS OF 23,019 PROCEDURES

Rupak Desai, Rushikumar Bhuva, Sonali Sachdeva, Ankit Vyas, Ahmed Mahmood, Muhammad Uzair Lodhi, Hee Kong Fong, Nanush Damarlapally, Kishorbhaj Gangani, Rajesh Sachdeva, Gautam Kumar, Alanta VA Medical Center, Decatur, GA, USA, Morehouse School of Medicine, Atlanta, GA, USA

021 - CLINICAL OUTCOMES OF SURVIVORS OF OUT-OF-HOSPITAL CARDIAC ARREST WITHOUT ST ELEVATION RECEIVING PERCUTANEOUS CORONARY INTERVENTION

Beni Rai Verma, Vikram Sharma, Manpreet Kaur, Agam Bansal, Shameer Khubber, Vardhmaan Jain, Shashank Shekhar, Kamalpreet Dhaliwal, Samir R. Kapadia, Cleveland Clinic Heart and Vascular Institute, Cleveland, OH, USA

022 - TIMING OF CORONARY ANGIOGRAPHY IN PATIENTS PRESENTING WITH OUT-OF-HOSPITAL CARDIAC ARREST WITHOUT STEMI

Regina Lief, Colin Raelson, Alan Kono, Dartmouth Hitchcock Medical Center, Heart and Vascular Center, Lebanon, NH, USA

023 - OUTCOMES OF CORONARY ARTERY STENTING IN PATIENTS WITH METABOLIC SYNDROME FOLLOWING ST ELEVATION MYOCARDIAL INFARCTION (STEMI)

Owen Igbinosa, Muhammad Rizwan, Isaac Opoku-Asare, Howard University Hospital, Washington, DC, USA

024 - LONG-TERM OUTCOMES OF PERCUTANEOUS CORONARY INTERVENTION FOR ACUTE MYOCARDIAL INFARCTION IN THE VERY ELDERLY

Derek Phan, Ming-Sum Lee, Malini Nadadur, maereg wassie, Jesse Goitia, Vicken Aharonian, Prakash Mansukhani, Naing Moore, Somjot Brar, Ray Zadehan, Kaiser Permanente, Los Angeles, CA, USA

026 - IMPACT OF TREATMENT ON READMISSION RATES IN PATIENTS WITH CHRONIC KIDNEY DISEASE ADMITTED WITH NON-ST ELEVATION MYOCARDIAL INFARCTION

Apurva Patel, Ryan Walters, Michael Del Core, Venkata Mahesh Alla, Creighton University School of Medicine, Omaha, NE, USA

027 - IMPACT OF ANGIOGRAPHIC PATTERNS OF IN-STENT RESTENOSIS ON LONG-TERM CLINICAL OUTCOMES IN PATIENTS TREATED WITH COBALT-CHROMIUM EVEROLIMUS-ELUTING STENT

Takashi Hiromasa, Shoichi Kuramitsu, Seiichi Hiramori, Kyohei Yamaji, Takenori Domei, Makoto Hyodo, Yoshimitsu Soga, Shinichi Shirai, Kenji Ando, Kokura Memorial Hospital, Kitakyushu, Japan





**Interventional Cardiology - Poster Contributions**

**Session #1303**

**Interventional Cardiology: Vascular Access and Complications 5**

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

028 - A SYSTEMATIC REVIEW AND META-ANALYSIS ON THE PROGNOSTIC VALUE OF RED CELL DISTRIBUTION WIDTH ON DEVELOPMENT OF CONTRAST INDUCED NEPHROPATHY IN CORONARY ARTERY DISEASE PATIENTS UNDERGOING PERCUTANEOUS CORONARY INTERVENTION

Muhammad J. Ahsan, Saad Ullah Malik, Omar Kousa, Hafiz Muhammad Fazeel, Nisma Javed, Sidra Tahseen, Azka Latif, Mydah Hashmi, Kashif Shaikh, Venkata Andukuri, Mark Holmberg, Creighton University, Omaha, NE, USA, The University of Arizona, Tuscon, AZ, USA

029 - COST-EFFECTIVENESS COMPARISON OF RADIAL AND FEMORAL PERCUTANEOUS CORONARY INTERVENTION IN A LARGE MULTI-STATE HEALTH SYSTEM

Angela Winegar, Allison J. Ottenbacher, Thomas P. Erlinger, Joseph Wallace, Annie E. Cacchione, Ren-Huai Huang, Angelo Bufalino, Kevin Willmann, Edward T. A. Fry, Joseph G. Cacchione, Ascension, St. Louis, MO, USA

030 - CASE SERIES EVALUATING MANAGEMENT OF EPTIFIBATIDE INDUCED THROMBOCYTOPENIA

Faisal Masood, Saad Hashmi, Adib Chaus, Eli Ehrenpreis, Lutheran General Hospital, Park Ridge, IL, USA

031 - TEMPORAL TRENDS IN TRANSRADIAL ACCESS DURING PCI IN RELATION TO BLEEDING RISK: INSIGHTS FROM A LARGE SINGLE-CENTER REGISTRY

Michael Healy, Usman Baber, Nitin Barman, Joseph Sweeny, Prathyusha Reddy, Pooja Vijay, George D. Dangas, Roxana Mehran, Annapoorna Subhash Kini, Samin K. Sharma, The Zena and Michael Wiener Cardiovascular Institute, Ichan School of Medicine at Mount Sinai, New York, NY, USA

032 - ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION DURING THE NIGHT SHIFT-IS IT A BAD OMEN FOR THE PATIENT?

Muhammad Arslan Cheema, Khadija Cheema, Waqas Ullah, Asoka Balaratna, Abington Hospital-Jefferson Health, Abington, PA, USA

033 - SAFETY OF A SAME-DAY DISCHARGE PROGRAM FOLLOWING PERCUTANEOUS CORONARY INTERVENTION IN A HIGH-RISK RURAL POPULATION

Catherine P. Benziger, Macaela Rudeck, Wilson Ginete, Colleen Renier, Essentia Health, Duluth, MN, USA

**Interventional Cardiology - Poster Contributions**

**Session #1304**

**Interventional Cardiology: Coronary Intervention: Left Main, Multivessel, Bifurcation 5**

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

034 - IMPACT OF SYNTAX SCORE ON 10-YEAR CLINICAL OUTCOMES AFTER MYOCARDIAL REVASCULARIZATION FOR LEFT MAIN CORONARY ARTERY DISEASE

Duk-Woo Park, Yong-Hoon Yoon, Jung-Min Ahn, Do-Yoon Kang, Hanbit Park, Sang-Cheol Cho, Pil Hyung Lee, Seung-Jung Park, Asan Medical Center, Seoul, South Korea

035 - LONG-TERM (10-YEAR) COMPARATIVE OUTCOMES OF STENTING OR BYPASS SURGERY FOR LEFT MAIN CORONARY ARTERY DISEASE IN PATIENTS WITH AND WITHOUT DIABETES MELLITUS

Duk-Woo Park, Kyusup Lee, Do-Yoon Kang, Hanbit Park, Sang-Cheol Cho, Jung-Min Ahn, Seung-Jung Park, Asan Medical Center, Seoul, South Korea

036 - PERCUTANEOUS CORONARY INTERVENTION COMPLEXITY AND RISK OF ADVERSE EVENTS IN RELATION TO HIGH BLEEDING RISK AMONG PATIENTS RECEIVING DRUG-ELUTING STENTS: INSIGHTS FROM A LARGE SINGLE-CENTER COHORT STUDY

Haoyu Wang, Keifei Dou, Bo Xu, Fuwai Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, People's Republic of China

037 - BALLOON AORTIC VALVULOPLASTY FOLLOWED BY IMPELLA®-ASSISTED LEFT MAIN CORONARY ARTERY STENT IN PATIENTS WITH SEVERE AORTIC STENOSIS AS A BRIDGE TO TRANSCATHETER AORTIC VALVE REPLACEMENT

Luis Diaz Quintero, Eileen Gajo, Mayra Guerrero, Ted Feldman, Justin Levisay, NorthShore University HealthSystem, Evanston, IL, USA, Abraham Lincoln Memorial Hospital, Lincoln, IL, USA

038 - COMPLETE VERSUS CULPRIT VESSEL ONLY PERCUTANEOUS CORONARY INTERVENTION IN ST SEGMENT ELEVATION MYOCARDIAL INFARCTION AND MULTI-VESSEL DISEASE-AN UPDATED META-ANALYSIS OF RANDOMIZED TRIALS

Muhammad Khalid, Abdul Ahad Khan, Ghulam Murtaza, Jayant Bagai, Madhan Shanmugasundaram, Timir K. Paul, East Tennessee State University, Johnson City, TN, USA

040 - EXPERIENCE OF PACLITAXEL-COATED BALLOON FOR THE TREATMENT OF SIDE BRANCHES IN THE LEFT MAIN CORONARY ARTERY BIFURCATION LESIONS

Makoto Takamatsu, Kurashiki Central Hospital, Kurashiki, IL, Japan

041 - IMPACT OF INTRAVASCULAR ULTRASOUND-GUIDED PERCUTANEOUS CORONARY INTERVENTION ON LONG-TERM CLINICAL OUTCOMES IN PATIENTS WITH LEFT MAIN CORONARY DISEASE

Jinying Zhou, Changdong Guan, Hongbing Yan, Xu Bo, Fuwai Hospital, Peking Union Medical College & Chinese Academy of Medical Sciences, Beijing, People's Republic of China

042 - VENTRICULAR ARRHYTHMIAS AND CLINICAL OUTCOMES IN PATIENTS WITH LEFT MAIN DISEASE TREATED WITH PCI OR CABG: THE EXCEL TRIAL

Ioanna Kosmidou, Bahira Shahim, Manel Sabate, José L. Pomar, Anthony Gershlick, Pawel Buszman, Andrej Bochenek, Aaron Crowley, Patrick Serruys, Joseph Sabik, A. Kappetein, Gregg Stone, Cardiovascular Research Foundation, New York, NY, USA, Columbia University Medical Center, New York, NY, USA

**Interventional Cardiology - Poster Contributions**

**Session #1305**

**Interventional Cardiology: Intravascular Imaging and Coronary Physiology 5**

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

043 - COMPARISON OF POST STENT OPTICAL COHERENCE TOMOGRAPHY FINDINGS AMONG THREE SUBTYPES OF CALCIFIED CULPRIT PLAQUES IN PATIENTS WITH ACUTE CORONARY SYNDROME

Akihiro Nakajima, Makoto Araki, Osamu Kurihara, Yoshiyasu Minami, Tsunenari Soeda, Taishi Yonetsu, Filippo Crea, Masamichi Takano, Takumi Higuma, Tsunekazu Kakuta, Tom Adriaenssens, Hang Lee, Sunao Nakamura, Ik-Kyung Jang, Massachusetts General Hospital, Harvard Medical School, Boston, MA, USA

044 - OCT-GUIDED PERCUTANEOUS CORONARY INTERVENTION IS AN INDEPENDENT PREDICTOR OF SAME DAY DISCHARGE AMONG ELECTIVE PATIENTS

James Nguyen, Susan Thomas, Jonathan Weber, Ian Persits, Evan Shlofmitz, Fernando Sosa, Akiko Maehara, Ziad Ali, Jeffrey Moses, Thomas Pappas, Richard A. Shlofmitz, Allen Jeremias, St. Francis Hospital - The Heart Center, Roslyn, NY, USA





045 - RELATIONSHIP BETWEEN PERICORONARY ADIPOSE TISSUE ATTENUATION ON COMPUTED TOMOGRAPHY ANGIOGRAPHY AND CORONARY PLAQUE CHARACTERISTICS ON OPTICAL COHERENCE TOMOGRAPHY

Tomoyo Sugiyama, Yoshihisa Kanaji, Masahiro Hoshino, Masao Yamaguchi, Masahiro Hada, Toru Misawa, Yohei Sumino, Hidenori Hirano, Kai Nogami, Hiroki Ueno, Taishi Yonetsu, Tetsuo Sasano, Tsunekazu Kakuta, Tsuchiura Kyodo General Hospital, Tsuchiura, Japan

046 - STENT EXPANSION MODELS TO PREDICT CLINICAL OUTCOME: AN IVUS SUBSTUDY FROM ADAPT-DES

Tatsuhiro Fujimura, Mitsuaki Matsumura, Bernhard Witzensbichler, David C. Metzger, Michael Rinaldi, Peter L. Duffy, Giora Weisz, Thomas D. Stuckey, Ziad Ali, Aaron Crowley, Gary Mintz, Gregg Stone, Akiko Maehara, Clinical Trials Center, Cardiovascular Research Foundation, New York, NY, USA, NewYork-Presbyterian Hospital/Columbia University Medical Center, New York, NY, USA

047 - FEASIBILITY OF IVUS-DERIVED FFR AS A NOVEL TECHNIQUE TO ESTIMATE FUNCTIONAL SEVERITY OF CORONARY STENOSIS: SYSTEMATIC EVALUATION OF THE METHODS TO DETERMINE THE REFERENCE LUMEN AREA FOR AUTOMATED FFR CALCULATION

Kuninobu Kashiyama, Shinjo Sonoda, Kozo Okada, Kensuke Matsushita, Kiyoshi Hibi, Brooke Hollak, Paul G. Yock, Alan Yeung, Peter Fitzgerald, Yasuhiro Honda, Stanford University, Stanford, CA, USA

048 - AGE- AND GENDER-RELATED DIFFERENCES IN PLAQUE COMPOSITION OF CORONARY LESIONS: AN OPTICAL COHERENCE TOMOGRAPHY STUDY

Toshimitsu Sato, Yoshiyasu Minami, Kiyoshi Asakura, Masahiro Katamine, Ayami Kato, Aritomo Katsura, Yusuke Muramatsu, Ryota Kakizaki, Teruyoshi Nemoto, Kazuhiro Fujiyoshi, Takuya Hashimoto, Ryo Kameda, Kentaro Meguro, Takao Shimohama, Junya Ako, Kitasato University Hospital, Sagami, Japan

049 - THERMODILUTION-DERIVED CORONARY ABSOLUTE FLOW AND RESISTANCE: COMPARISON WITH STANDARD FUNCTIONAL ASSESSMENT IN PATIENTS WITH AND WITHOUT OBSTRUCTIVE CORONARY ARTERY DISEASE

Pietro Leonida Laforgia, Valeria Paradies, Jochem Wassing, Pieter Smits, Maasstad Ziekenhuis, Rotterdam, The Netherlands

050 - SEX-RELATED DIFFERENCES IN SHEAR STRESS AND ITS INFLUENCE ON ATHEROSCLEROTIC PLAQUE DISTRIBUTION AND PROGRESSION IN HUMAN CORONARY ARTERIES

Jolanda Wentzel, Michail Papafakis, Antonios Antoniadis, Saeko Takahashi, Nicholas V. Cefalo, Michelle Cormier, Shigeru Saito, Ahmet U. Coskun, Peter Howard Stone, Brigham and Women's Hospital, Harvard University, Boston, MA, USA, Erasmus MC, Rotterdam, The Netherlands

051 - THE SYNERGISTIC EFFECT OF NIRS-DETECTED LIPID-RICH PLAQUE AND WALL SHEAR STRESS ON HUMAN CORONARY PLAQUE GROWTH

Jolanda Wentzel, Eline M. Hartman, Giuseppe De Nisco, Ayla Hoogendoorn, Annette Kok, Frank Gijzen, Ton van der Steen, Joost Daemen, ErasmusMC, Rotterdam, The Netherlands

052 - COMPARISON OF INTRAVASCULAR ULTRASOUND-DERIVED MINIMUM LUMEN AREA AND INSTANTANEOUS WAVE-FREE RATIO IN LEFT MAIN CORONARY ARTERY DISEASE

Amir Lerman, Takumi Toya, Stephanie El Hajj, Takayuki Warisawa, John Nan, Christopher Cook, Christopher Rajkumar, James Howard, Henry Seligman, Yousif Ahmad, Shunichi Doi, Akihiro Nakajima, Masafumi Nakayama, Sonoka Goto, Rafael Vera-Urquiza, Takao Sato, Yuetsu Kikuta, Yoshiaki Kawase, Hidetaka Nishina, Sunao Nakamura, Hitoshi Matsuo, Javier Escaned, Yoshihiro Akashi, Justin E. Davies, Mayo Clinic, Rochester, MN, USA

Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Poster Contributions

Session #1309

Non Invasive Imaging: CT/Multimodality, Angiography, and Non-CT Angiography 5

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

157 - GRAFT PATENCY AND PROGRESSION OF CORONARY ARTERY DISEASE AFTER CABG ASSESSED BY ANGIOGRAPHY-DERIVED FRACTIONAL FLOW RESERVE

Sakura Nagumo, Carlo Gigante, Takuya Mizukami, Jeroen Sonck, Alessandra Tanzilli, Jozef Bartunek, Marc Vanderheyden, Eric Wyffels, Emanuele Barbato, Bernard De Bruyne, Daniele Andreini, Carlos Collet, Cardiovascular Center Aalst, OLV Clinic, Aalst, Belgium

158 - THE USEFULNESS OF VESSEL FRACTIONAL FLOW RESERVE FOR ASSESSING CARDIAC GRAFT VASCULOPATHY IN HEART TRANSPLANT RECIPIENTS

Sakura Nagumo, Carlos Collet, Emanuele Gallinoro, Alessandro Candreva, Giovanni Monizzi, Takuya Mizukami, Sofie Verstreken, Riet Dierckx, Ward Heggermont, Jozef Bartunek, Jeroen Sonck, Bernard De Bruyne, Marc Vanderheyden, Cardiovascular Center Aalst, OLV Clinic, Aalst, Belgium

159 - HEPATIC STEATOSIS, CARDIOMETABOLIC HEALTH AND OUTCOMES IN PATIENTS UNDERGOING CORONARY ARTERY CALCIUM (CAC) SCORING

Jared Durieux, Gina Anderson, Jennifer Sposato, Ahmad Tarek Chami, Imran Rashid, Robert C. Gilkeson, Sadeer G. Al-Kindi, Sanjay Rajagopalan, University Hospitals, Cleveland, OH, USA

160 - PATIENT-SPECIFIC COMPUTER SIMULATION TO PREDICT LONG-TERM OUTCOMES AFTER TRANSCATHETER AORTIC VALVE REPLACEMENT

Cameron Dowling, Sami Firoozi, Stephen J. Brecker, St. George's, University of London, London, United Kingdom, St. George's University Hospitals NHS Foundation Trust, London, United Kingdom

161 - CORONARY ARTERY CALCIUM SCORE AND CARDIOVASCULAR OUTCOMES IN PATIENTS WITH MILD TO MODERATE CHRONIC KIDNEY DISEASE INSIGHTS FROM CLARIFY

Nour Tashtish, Sadeer G. Al-Kindi, Mirela Dobre, Imran Rashid, Jared Durieux, Scott Billings, Robert C. Gilkeson, Sanjay Rajagopalan, University Hospitals Cleveland Center, Cleveland, OH, USA

172 - AORTIC PLAQUE PROGRESSION IN PATIENTS TREATED WITH IMMUNE CHECKPOINT INHIBITORS

Lili Zhang, Jana Taron, Zsafia Drobni, Raza Alvi, Amna Zafar, Adam Rokicki, Thomas Mayrhofer, Tomas G. Neilan, Udo Hoffmann, Massachusetts General Hospital, Boston, MA, USA

173 - CORONARY CALCIUM SCORE IN PATIENTS WITH AUTOIMMUNE DISEASES: A META ANALYSIS

Camilo Sinning Rey, Maria Alejandra Martinez-Ceballos, Juan Pablo Alzate-Granados, Lorena Montes-Zabala, Diana Vargas Vergara, Adriana Rojas-Villarraga, Hospital San José, Bogotá, Colombia, Fundación Universitaria de Ciencias de la Salud (FUCS) - Hospital Infantil Universitario de San José, Bogotá, Colombia

174 - METABOLIC SYNDROME AND AUTOMATED EPICARDIAL ADIPOSE TISSUE MEASURES PREDICT LONG-TERM RISK OF CARDIAC EVENTS IN ASYMPTOMATIC SUBJECTS

Andrew Lin, Nathan D. Wong, Frederic Commandeur, Sebastien Cadet, Heidi Gransar, Xi Chen, Stephanie Cantu, Robert Miller, Priscilla McElhinney, Nitesh Nerlekar, Piotr Slomka, Alan Rozanski, Balaji Tamarappoo, Daniel S. Berman, Damini Dey, Cedars-Sinai Medical Center, Los Angeles, CA, USA



175 - PERICORONARY ADIPOSE TISSUE COMPUTED TOMOGRAPHY ATTENUATION IN DIFFERENT STAGES OF CORONARY ARTERY DISEASE: A CROSS-SECTIONAL STUDY

Andrew Lin, Nitesh Nerlekar, Jeremy Yuvaraj, Katrina Fernandes, Cathy Jiang, Damini Dey, Stephen J. Nicholls, Dennis TL Wong, Monash Cardiovascular Research Centere, Melbourne, Australia

176 - ROLE OF CARDIAC COMPUTED TOMOGRAPHY FOR THE EVALUATION OF UNDERLYING ETIOLOGIES IN PATIENTS WITH NEWLY DIAGNOSED HEART FAILURE WITH REDUCED EJECTION FRACTION

Jong-Chan Youn, Dong Jin Im, Jin-Jin Kim, Ami Kwon, Sang Hong Baek, Seok-Min Kang, Hye-Jeong Lee, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, South Korea, Severance Hospital, Yonsei University College of Medicine, Seoul, South Korea

177 - ASSOCIATION OF INFLAMMATORY MARKERS WITH BASELINE CORONARY PLAQUE VOLUMES BY CORONARY COMPUTED TOMOGRAPHY ANGIOGRAPHY (CCTA) FROM EVAPORATE (EFFECT OF VASCEPA ON IMPROVING CORONARY ATHEROSCLEROSIS IN PEOPLE WITH HIGH TRIGLYCERIDES TAKING STATIN THERAPY) TRIAL

Suvasini Lakshmanan, Chandana Shekar, Suraj Dahal, Afiachukwu Onuegbu, April Kinninger, Andrew Cai, Vahid Rezvanizadeh, Ilana Golub, Divya Birudaraju, Lavanya Cherukuri, Sajad Hamal, Christopher Dailing, Ferdinand Flores, Sion K. Roy, John Nelson, Matthew J. Budoff, Lundquist Institute for Biomedical innovation, Torrance, CA, USA

178 - EPICARDIAL FAT THICKNESS AND HEPATIC FAT IN A REMOTE NATIVE POPULATION WITH VERY LOW RATES OF CORONARY CALCIUM

Randall C. Thompson, Benjamin Trumble, Angela Neunuebel, Ashna Mahadev, L. Samuel Wann, Christopher Rowan, Adel Hassan Allam, Bruno Frohlich, Edmond Seabright, Daniel K. Cummings, Jonathan Stieglitz, Jagat Narula, Samantha King, Kevin Kennedy, Michael Gurven, Gregory Thomas, Hillard Kaplan, The HORUS and Tsimane Life History Project Teams, St. Lukes MidAmerica Heart Association, Kansas City, MO, USA

179 - CLINICAL SIGNIFICANCE OF THE PERIAORTIC ADIPOSE TISSUE INFLAMMATION IN PATIENTS WITH ABDOMINAL AORTIC ANEURYSMS

Masao Yamaguchi, Masahiro Hoshino, Kai Nogami, Hiroki Ueno, Hidenori Hirano, Masahiro Hada, Yohei Sumino, Toru Misawa, Yoshihisa Kanaji, Tomoyo Sugiyama, Taishi Yonetsu, Tsunekazu Kakuta, Tsuchiura Kyodo General Hospita, Tsuchiura, Japan

180 - ADVERSE PLAQUE CHARACTERISTICS RELATE MORE STRONGLY WITH INDEX OF MICROCIRCULATORY RESISTANCE THAN CORONARY FLOW RESERVE

Masahiro Hada, Masahiro Hoshino, Kai Nogami, Hiroki Ueno, Tomoki Horie, Tohru Miasawa, Yohei Sumino, Masao Yamaguchi, Yoshihisa Kanaji, Tomoyo Sugiyama, Tsunekazu Kakuta, Tsuchiura Kyodo General Hospital, Tsuchiura, Japan, Japan

181 - FEATURE TRACKING MULTI-DETECTOR ROW COMPUTED TOMOGRAPHY-DERIVED LEFT VENTRICULAR GLOBAL LONGITUDINAL STRAIN IN A LARGE COHORT OF TAVR PATIENTS AND ASSOCIATION WITH ALL-CAUSE MORTALITY

Tea Gegenava, Pieter van der Bijl, Elise Mara Vollema, Frank Kley, Arend de Weger, David Hautemann, Johan H.C. Reiber, Nina Ajmone Marsan, Jeroen Bax, Victoria Delgado, Leiden University Medical Center, Leiden, The Netherlands

192 - IMPACT OF MITRAL CALCIUM VOLUME ON MITRAL VALVE FUNCTION AND CLINICAL OUTCOMES IN PATIENTS UNDERGOING TRANSCATHETER AORTIC VALVE IMPLANTATION

Taishi Okuno, Nicolas Brugger, Masahiko Asami, Dik Heg, Stefan Stortecky, Thomas Pilgrim, Stephan Windecker, Omar Khalique, Fabien Praz, Inselspital, Bern University Hospital, Bern, Switzerland, New York-Presbyterian Hospital-Columbia University Medical Center, New York, NY, USA

**Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Poster Contributions**

**Session #1310**

**Non Invasive Imaging: Nuclear 5**

**Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.**

**Posters Hall, Hall A**

**CME Hours: / CNE Hours:**

193 - IMPAIRED CORONARY FLOW RESERVE ON <sup>82</sup>RUBIDIUM POSITRON EMISSION TOMOGRAPHY IMAGING PREDICTS ADVERSE EVENTS IN PATIENTS WITH AUTOIMMUNE DISEASE

Attila Feher, Nabil Boutagy, Evangelos Oikonomou, Edward Miller, Albert J. Sinusas, Monique Hinchcliff, Yale University School of Medicine, New Haven, CT, USA

194 - PROGNOSTIC VALUE OF STRESS MYOCARDIAL BLOOD FLOW FOR MAJOR ADVERSE CARDIO-CEREBROVASCULAR EVENT IN THE DIALYSIS DEPENDENT END STAGE RENAL DISEASE PATIENTS EVEN WITHOUT MYOCADIAL PERFUSION ABNORMALITY

Satoru Ohshima, Norio Umemoto, Ryuta Ito, Takashi Sakakibara, Kiyoshi Niwa, Japan, Hiroshi Hori, Japan, Toyoaki Murohara, Japan, Department of Cardiology, Kaiikoukai Nagoya Kyoritsu Hospital, Nagoya, Japan

195 - HIGH PREVALENCE OF HEART FAILURE WITH REDUCED EJECTION FRACTION AMONG PATIENTS WITH TRANSTHYRETIN CARDIAC AMYLOIDOSIS

Talal Asif, Tiago Araujo, Vasvi Singh, Tareq Alyousef, Javier Gomez Valencia, Rami Doukky, Saurabh Malhotra, Cook County Health, Chicago, IL, USA, Brigham and Women's Hospital, Boston, MA, USA

196 - RELATIONSHIP BETWEEN HIGH-SENSITIVITY TROPONIN, PERFUSION ABNORMALITIES, AND CORONARY FLOW RESERVE IN ACUTE CORONARY SYNDROMES

Jacob R. Nelson, Ryan E. Cooney, Justin A. Pieper, Vaiibhav N. Patel, Sylvia G. Escolero, Adam B. Stein, Richard L. Weinberg, Venkatesh L. Murthy, Division of Cardiovascular Medicine, Michigan Medicine, University of Michigan, Ann Arbor, MI, USA

**Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Poster Contributions**

**Session #1311**

**Non Invasive Imaging: MR 5**

**Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.**

**Posters Hall, Hall A**

**CME Hours: / CNE Hours:**

197 - ASSOCIATION BETWEEN ABNORMAL BIOMARKER RELEASE AND MYOCARDIAL EDEMA ASSESSED BY MAGNETIC RESONANCE IMAGING AFTER UNCOMPLICATED REVASCULARIZATION PROCEDURES

Fernando Faglioni Ribas, Whady Hueb, Paulo Rezende, Carlos Rochitte, Cesar Nomura, Thamara Moraes, Eduardo Gomes Lima, Gustavo Boros, Felipe Pereira Camara Carvalho, Matheus Ribeiro, Jaime Linhares Filho, Anderson Roberto Dallazen, Rafael Silva, Mauricio Mocha, Carlos Serrano, Jose Ramires, Roberto Kalil-Filho, Instituto do Coracao (InCor), Hospital das Clinicas HCFMUSP, Faculdade de Medicina, Universidade de, Sao Paulo, Brazil

198 - SEX-BASED DIFFERENCES ON LEFT VENTRICULAR REMODELING AND SURVIVAL IN PATIENTS WITH CHRONIC AORTIC REGURGITATION: IS THERE A NEED FOR SEX SPECIFIC THRESHOLDS FOR SURGICAL INTERVENTION?

Isadora Sande Mathias, Albree Tower-Rader, Yash Kumar, Duygu Kocyigit, Nancy Obuchowski, Zoran Popovic, Dermot M. J. Phelan, Eoin Donnellan, Michael Bolen, Scott D. Flamm, Brian P. Griffin, Leslie Cho, Gosta Pettersson, Deborah Kwon, Cleveland Clinic, Cleveland, OH, USA

199 - RELATIONSHIP BETWEEN HYPERTENSION AND INFARCT SIZE AFTER PRIMARY PCI FOR STEMI: AN INDIVIDUAL PATIENT DATA ANALYSIS OF CARDIAC MAGNETIC RESONANCE IMAGING STUDIES



Ghazaleh Mehdiipoor, Bjorn Redfors, Shmuel Chen, Fotios Gkargkoulas, Zixuan Zhang, Manesh R. Patel, Christopher B. Granger, Erik Magnus Ohman, Akiko Maehara, Ingo Eitel, Ori Ben-Yehuda, Suzanne de Waha-Thiele, Holger Thiele, Gregg W. Stone, Cardiovascular Research Foundation, New York, NY, USA

200 - MYOCARDIAL DYNAMICS AND RIGHT HEART PRESSURES CORRELATION AFTER HEART TRANSPLANTATION

Roberto Sarnari, Ashitha Pathrose, Allison Blake, Muhannad Abbasi, Julie Blaisdell, Kambiz Ghafourian, Jane Wilcox, Sadiya Khan, Esther Vorovich, Jonathan Rich, Allen S. Anderson, Clyde Yancy, James C. Carr, Michael Markl, Northwestern University, Chicago, IL, USA

201 - TISSUE PHASE MAPPING ANALYSIS IN PATIENTS WITH INCREASED CARDIOPULMONARY PRESSURES AFTER HEART TRANSPLANTATION

Roberto Sarnari, Ashitha Pathrose, Julie Blaisdell, Alyssa Singer, Kambiz Ghafourian, Jane Wilcox, Sadiya Khan, Esther Vorovich, Jonathan Rich, Allen S. Anderson, Clyde Yancy, Michael Markl, James C. Carr, Northwestern University, Chicago, IL, USA

210 - PROSPECTIVE ECHOCARDIOGRAPHY AND MAGNETIC RESONANCE IMAGING VALIDATION STUDY OF A GEOMETRIC MODEL FOR CALCULATING LEFT VENTRICULAR EJECTION FRACTION FROM STRAIN IN VALVULAR HEART DISEASE

Tom Kai Ming Wang, Zoran Popovic, Scott D. Flamm, Richard A. Grimm, L. Leonardo Rodriguez, Michael Bolen, Laurie Ann Moennich, Kathryn Rutkowski, Brian P. Griffin, Deborah Kwon, Cleveland Clinic, Cleveland, OH, USA

211 - TREND OF USE OF CARDIAC MAGNETIC RESONANCE (CMR) IN US, USING NATIONAL INPATIENT SAMPLE DATABASE.

Prakrity Urja, Dixitha Anugula, Ryan Walters, Kashif Shaikh, Prama Rashmi, Amjad Kabach, CHI health Bergan Mercy Creighton University Medical center, Omaha, NE, USA

Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Poster Contributions

Session #1312

Non Invasive Imaging: Sports and Exercise 5

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

212 - INTERPRETING MULTIPLE MEASUREMENTS OF FUNCTIONAL STATUS IN CONTROLLED POSTURAL ORTHOSTATIC TACHYCARDIA SYNDROME (POTS) USING 6 MINUTE WALK TEST (6MWT)

Adnaan Sheikh, Sami Bin Alam, Mian Yasir Bilal, Hemanshi Mistry, Waial Almardini, Somia Shaheen, Mian Farooq, Amer Suleman, The Heartbeat Clinic, McKinney, TX, USA

213 - IMPROVEMENT IN FUNCTIONAL CAPACITY AFTER EXERCISE TRAINING IS ASSOCIATED WITH CHANGES IN LEFT VENTRICULAR TWISTING MECHANICS

Syed Imran Zaidi, Carlos Alberto Podesta, Ivan Arenas, Columbia University Division of Cardiology, Mount Sinai Heart Institute, Miami, FL, USA

214 - CORRELATION BETWEEN THE PREDICTED FUNCTIONAL CAPACITY AND THE ACHIEVED IN A POPULATION REFERRED BY SUSPECTED CORONARY DISEASE

Luis Godínez, Jose G. Diaz, Gabriel A. Rios, Paulo Ugarte, Cesar G. Lopez, Hospital General de Enfermedades, IGSS, Guatemala, Guatemala, Cardio Care, S.A., Guatemala, Guatemala

Prevention - Poster Contributions

Session #1313

Prevention: Clinical 5

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

082 - CORONARY ARTERY CALCIUM PROGRESSION AND CVD RISK AMONG THOSE ON STATIN THERAPY

Kashif Shaikh, Robyn McClelland, Venkata Mahesh Alla, Shone Almeida, Fayeze Siddiqui, Khurram Nasir, Rine Nakanishi, Moyses Szklo, Nathan D. Wong, Richard Kronmal, Aiden Abidov, Prakrity Urja, Dixitha Anugula, Sajad Hamal, Matthew J. Budoff, Los Angeles Biomedical Institute, Torrance, CA, USA, Creighton University, Omaha, NE, USA

083 - COST-EFFECTIVENESS OF CORONARY ARTERY CALCIUM TO GUIDE PCSK9 INHIBITOR THERAPY AMONG PATIENTS WITH FAMILIAL HYPERCHOLESTEROLEMIA

Jonathan Hong, Marcio Bittencourt, Ron Blankstein, Michael Shapiro, Michael Blaha, Miguel Cainzos-Achirica, Salim Virani, Raul D. Santos, Khurram Nasir, Houston Methodist DeBakey Heart & Vascular Center, Houston, TX, USA

084 - GERIATRIC PATIENTS WITH PREDIABETES MAY HAVE UPTO 33% GREATER RISK OF STROKE WITH CONCOMITANT ALCOHOL USE DISORDER

Neelesh Gupta, Rupak Desai, Alok Ravindra Amraotkar, Darshini Vora, Fariah Ash Haque, Natalie DeWitt, Zeeshan Mansuri, Kishorbhai Gangani, Rajesh Sachdeva, Gautam Kumar, Atlanta VA Medical Center, Decatur, GA, USA, University of South Alabama, Mobile, AL, USA

085 - CARDIOVASCULAR OUTCOMES ASSOCIATION IN COMBUSTIBLE TOBACCO USERS AND DUAL USERS (COMBUSTIBLE TOBACCO USERS AND E-CIGARETTE USERS)

Mohinder R. Vindhya, Paul Ndunda, Hayrettin Okut, Elizabeth Ablah, Won Choi, University of Kansas School of Medicine - Wichita, Wichita, KS, USA

086 - TRENDS IN CARDIOVASCULAR RISK FACTORS IN THE UNITED STATES WOMEN WITH ACUTE CORONARY SYNDROME: AN INSIGHT FROM THE NATIONAL INPATIENT SAMPLE, 1998-2013

Tatvam Choksi, Waleed Ali, Hui Zhang, The University of Chicago Medical Center, Chicago, IL, USA

087 - TEMPORAL CHANGES IN SECONDARY PREVENTION AND CARDIOVASCULAR OUTCOMES AFTER REVASCLARIZATION FOR PERIPHERAL ARTERIAL DISEASE IN DENMARK: NATIONWIDE COHORT STUDY

Peter Brønnum Nielsen, Flemming Skjøth, Nikolaj Eldrup, Torben Bjerregaard Larsen, Mette Søgaard, Aalborg University Hospital, Aalborg, Denmark

088 - ACHIEVEMENT OF NEW EUROPEAN DYSLIPIDEMIA-GUIDELINE LOW-DENSITY LIPOPROTEIN CHOLESTEROL TREATMENT GOALS AFTER ACUTE CORONARY SYNDROME: INSIGHTS FROM ODYSSEY OUTCOMES

Ulf Landmesser, Jennifer McGinniss, Philippe Gabriel Steg, Deepak Bhatt, Vera Bittner, Rafael Diaz, Shaun Goodman, Robert A. Harrington, Johan Wouter Jukema, Aleksandras Laucevicus, Ivan Pecin, Robert Pordy, steen poulsen, Matthew Roe, Timothee Sourdille, Michael Szarek, Harvey White, Andreas Zeiher, Gregory G. Schwartz, for the ODYSSEY OUTCOMES Investigators, Universitatsspital Zurich, Zurich, Switzerland, University of Colorado School of Medicine, Aurora, CO, USA

089 - RISK FACTORS FOR CORONARY ARTERY CALCIUM INCIDENCE AND PROGRESSION IN AN ETHNICALLY DIVERSE COHORT

Rhanderson Cardoso, Giuliano Generoso, henrique staniak, Murilo Foppa, Bruce Duncan, Alexandre Pereira, Michael Blaha, Ron Blankstein, Khurram Nasir, Isabela Bensenor, Paulo Lotufo, Marcio Bittencourt, Ciccarone Center for the Prevention of Heart Disease, Johns Hopkins University, Baltimore, MD, USA, Center for Clinical and Epidemiological Research, University of Sao Paulo, Sao Paulo, Brazil



090 - RESIDUAL CARDIOVASCULAR RISK IN U.S. VETERANS WITH MODERATELY-ELEVATED BASELINE TRIGLYCERIDES ACROSS THE CARDIOVASCULAR RISK SPECTRUM

Sarah Leatherman, Ryan E. Ferguson, Cynthia Hau, Craig Granowitz, Kelly Harrington, Sephy Philip, Peter Toth, Deepak Bhatt, William E. Boden, VA Boston Healthcare System, Boston, MA, USA, Amarin Corp, Bedminster, NJ, USA

091 - EVALUATING THE 2018 AHA/ACC LIPID GUIDELINE PERFORMANCE TO IDENTIFY PATIENTS AT HIGH RISK FOR PREMATURE CARDIOVASCULAR DISEASE

Michel Zeitouni, Michael G. Nanna, Jie-Lena Sun, Karen Chiswell, Eric D. Peterson, Ann Marie Navar, Duke Clinical Research Institute, Durham, NC, USA

102 - NON-PHARMACOLOGICAL IMPROVEMENT IN HDL CHOLESTEROL IS NOT ASSOCIATED WITH REDUCED CARDIOVASCULAR RISK IN APPARENTLY HEALTHY ADULTS

Arsalan Abu Much, Alexander Fardman, Shlomo segev, Robert Klempfner, Ehud Grossman, Amit Segev, Elad Maor, Chaim Sheba Medical Center, Ramat Gan, Israel

103 - BEMPEDOIC ACID 180 MG + EZETIMIBE 10 MG FIXED-DOSE COMBINATION VS EZETIMIBE ALONE OR PLACEBO IN PATIENTS WITH TYPE 2 DIABETES AND HYPERCHOLESTEROLEMIA

Harold Bays, Seth Baum, Eliot Brinton, Jorge Plutzky, JoAnn Flaim, Zhan Ye, Christie M. Ballantyne, Esperion Therapeutics, Inc., Ann Arbor, MI, USA

104 - QUANTIFYING THE CHALLENGE OF UNTREATED SEVERE HYPERLIPIDEMIA: THE CORCAL VANGUARD TRIAL

Jeffrey L. Anderson, Viet T. Le, Heidi May, Kevin Johnson, Shanelle Cripps, Lesley Schwab, Shelbi Braun, Fidela L. Moreno, Donald Lappe, Kirk Knowlton, J. Brent Muhlestein, Intermountain Medical Center, Salt Lake City, UT, USA, University of Utah, Salt Lake City, UT, USA

105 - COMPARISON BETWEEN FRAMINGHAM RISK SCORE AND POOLED COHORT RISK ASSESSMENT EQUATION IN PREDICTING HIGH CORONARY ARTERY DISEASE BURDEN BY CORONARY ARTERY CALCIUM SCORE

Maheedhar Gedela, Chirag Desai, Aditya Singh, Patrick Biskupski, Valerie Bares, Adam T. Stys, Tomasz Stys, Sanford Cardiovascular Institute/USD Sanford School of Medicine, Sioux Falls, SD, USA

106 - ATRIAL FIBRILLATION AND OBESITY: LONG-TERM INCIDENCE AND OUTCOMES AFTER BARIATRIC SURGERY

Maddalena Ardissino, Osama Moussa, Christian Eichhorn, Rohin Reddy, Omar Khan, Paul Ziprin, Ara Darzi, Peter Collins, Sanjay Purkayastha, Imperial College London, London, United Kingdom

107 - BEMPEDOIC ACID EFFICACY AND SAFETY IN HIGH CVD RISK PATIENTS TREATED WITH OR WITHOUT EZETIMIBE: POOLED ANALYSIS OF 4 PHASE 3 CLINICAL TRIALS

Alberico L. Catapano, Harold Bays, Maciej Banach, P. Barton Duell, Ulrich Laufs, Lawrence A. Leiter, G. B. John Mancini, Kausik Kumar Ray, Diane MacDougall, Zhan Ye, Christie M. Ballantyne, Esperion Therapeutics, Inc., Ann Arbor, MI, USA

108 - CORRELATION BETWEEN ECHOCARDIOGRAPHIC MEASURES AND HS-CRNT LEVELS PRE- AND POST-BARIATRIC SURGERY

Carine Hamo, Amelia Wallace, Amil M. Shah, Roberta Florido, Justin Echouffo Tcheugui, Kunihiro Matsushita, Gary Gerstenblith, Ron Hoogeveen, Christie M. Ballantyne, Elizabeth Selvin, Josef Coresh, Chiadi Ndumele, Johns Hopkins University Hospital, Baltimore, MD, USA

109 - IMPACT OF SOCIAL DETERMINANTS OF HEALTH ON CARDIOVASCULAR DISEASES

Tarang Parekh, Rupak Desai, Sahithi Pemmasani, Alison Cuellar, George Mason University, Fairfax, VA, USA

110 - AGE AT MENOPAUSE AND LEFT VENTRICULAR REMODELING BY CARDIAC MAGNETIC RESONANCE IMAGING

Michael Honigberg, James Pirruccello, Seyedeh M. Zekavat, Derek Klarin, Krishna Aragam, Pradeep Natarajan, Massachusetts General Hospital, Boston, MA, USA, Broad Institute, Cambridge, MA, USA

111 - A NOVEL OPERATOR-INDEPENDENT NONINVASIVE DEVICE FOR ASSESSING VASCULAR ENDOTHELIAL FUNCTION

Kellen Knowles, Kerry Stewart, Pamela Ouyang, Elizabeth Ratchford, Laura Sullam, Harry Silber, Johns Hopkins University School of Medicine, Baltimore, MD, USA

122 - LONG-TERM SAFETY AND EFFICACY OF LOMITAPIDE IN PATIENTS WITH HOMOZYGOUS FAMILIAL HYPERCHOLESTEROLEMIA: FIVE-YEAR DATA FROM THE LOMITAPIDE OBSERVATIONAL WORLDWIDE EVALUATION REGISTRY (LOWER)

James A. Underberg, Christopher P. Cannon, Dominique Larrey, Lukas Makris, Helen Phillips, Dirk Blom, New York University Langone Medical Center, New York, NY, USA

123 - META-ANALYSIS OF SAFETY AND EFFICACY OF BEMPEDOIC ACID

Muhammad U. Khan, Muhammad Khan, Shahul Valavoor, Ahmad Naeem Lone, Muhammad Khan, Safi Khan, West Virginia University, Morgantown, WV, USA, Cook County Hospital, Chicago, IL, USA

124 - FACILITY-LEVEL VARIATION IN CARDIAC STRESS TEST UTILIZATION AMONG PATIENTS WITH DIABETES MELLITUS: FINDINGS FROM THE VETERANS AFFAIRS NATIONAL DATABASE

Dhruv Mahatta, Sarah T. Ahmed, Nishant Shah, David J. Ramsey, Julia M. Akeroyd, Khurram Nasir, Ihab Hamzeh, Islam Elgendy, Stephen W. Waldo, Mouaz H. Al-Mallah, Hani Jneid, Christie M. Ballantyne, Laura Petersen, Salim Virani, Baylor College of Medicine, Houston, TX, USA, Michael E. Debakey VA Medical Center, Houston, TX, USA

125 - LEAN NON-ALCOHOLIC FATTY LIVER DISEASE IS ASSOCIATED WITH INCREASED PREVALENCE AND INCIDENCE OF CARDIOMETABOLIC DISORDERS

Ehimen Aneni, Marcio Bittencourt, Michael Blaha, Ahmed Soliman, Mouaz H. Al-Mallah, Matthew J. Budoff, Raul D. Santos, Khurram Nasir, Yale School of Medicine, New Haven, CT, USA

128 - SMOKING AND RISK OF PREMATURE ATHEROSCLEROTIC CARDIOVASCULAR DISEASE IN 929,214 MEN AND WOMEN

Jamal S. Rana, Jennifer Liu, Howard Moffet, Khurram Nasir, Ron Blankstein, Andrew Karter, Stephen Sidney, Kaiser Permanente Northern California, Oakland, CA, USA, Yale School of Medicine, New Haven, CT, USA

129 - THE ASSOCIATION BETWEEN SEVERE OBSTRUCTIVE SLEEP APNEA (OSA) PATIENTS WITH NORMAL EGFR AND LATENT KIDNEY DISEASE

Masahide Tokue, Nobutaka Ikeda, Raisuke Iijima, Hidehiko Hara, masanori shiba, Masato Nakamura, Toho University Ohashi Medical Center, Tokyo, Japan

130 - COMPARISON OF BLEEDING COMPLICATIONS IN PATIENTS TREATED WITH FIVE ORAL ANTICOAGULANTS

Rie Ozeki, Kevin W. Garey, Matthew A. Wanat, Nobuyuki Komiyama, Masayo Komoda, Faculty of Pharmaceutical Sciences, Tokyo University of Science, Nodashi, Japan, Cardiovascular Center, St. Luke's International Hospital, Tokyo, Japan

131 - CORONARY ARTERY DISEASE RISK FACTOR ANALYSIS IN AN AGE-STRATIFIED HOSPITAL POPULATION WITH SYSTEMIC LUPUS ERYTHEMATOSUS

Ashraf Abugroun, Hussein Daoud, Manar Elhassan, Dennis Levinson, Wayne State University, Detroit, MI, USA, Advocate Illinois Masonic Medical Center, Chicago, IL, USA





**Pulmonary Hypertension - Poster Contributions**

**Session #1306**

**Pulmonary Hypertension 5**

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

053 - CGMP LEVEL IN PULMONARY ARTERIAL HYPERTENSION VS. PULMONARY HYPERTENSION DUE TO HEART FAILURE WITH PRESERVED EJECTION FRACTION, BOTH AT REST AND AT PEAK EXERCISE

Arif Albulushi, Daniel Zolty, Kajari Dhar, Adam Burdorf, Douglas Stoller, Marshall Hyden, Marshall Hyden, Brian Lowes, Ronald Zolty, University of Nebraska Medical Center, Omaha, NE, USA

054 - MID-TERM FOLLOW UP OF BALLOON PULMONARY ANGIOPLASTY FOR INOPERABLE CHRONIC THROMBOEMBOLIC PULMONARY HYPERTENSION: INITIAL MULTICENTER EXPERIENCE IN CHILE

Pablo Andrés Sepúlveda, René Hameau, Christian Backhouse, Gustavo Charne, Pablo Ramirez, Francisco Pacheco, Alberto Fuensalida, Jorge Quiral, Alejandro Martínez Sepúlveda, Gonzalo Martinez, Pontificia Universidad Católica de Chile, Santiago, Chile

**Special - Poster Contributions**

**Session #1323**

**Spotlight on Special Topics: Innovation and Technology 5**

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

257 - DEEP LEARNING FOR AUTOMATIC IDENTIFICATION OF RHEUMATIC HEART DISEASE IN ECHOCARDIOGRAPHIC SCREENING IMAGES: DATA FROM THE ATMOSPHERE-PROVAR STUDY

Bruno Ramos Nascimento, João Francisco B. S. Martins, Erickson R. Nascimento, Gisele L. Pappa, Craig A. Sable, Andrea Z. Beaton, Paulo R. Gomes, Maria Carmo Nunes, Kaciane K. B. Oliveira, Juliane Franco, Augusto F. C. Pereira, Breno D. F. Rezende, Mariana D. O. Mata, Antonio L. Ribeiro, Wagner Meira Júnior, Hospital das Clínicas da Universidade Federal de Minas Gerais, Belo Horizonte, Brazil, Children's National Health System, Washington, DC, USA

258 - IMPROVEMENT AND VALIDATION OF A NOVEL SPHYGMOMANOMETER BASED ON PHOTOPLETHYSMOGRAPHY

Jun Tao, Yumin Qiu, Jianning Zhang, Jiapan Sun, Yuanya Liu, Chuanmin Wei, Jian Deng, The First Affiliated Hospital, Sun Yat-sen University, Guangzhou, People's Republic of China, VITA-Course Technologies CO., LTD., Shenzhen, People's Republic of China

259 - STUDY DESIGN AND RATIONALE OF HELIOS-B: A PHASE 3 STUDY TO EVALUATE THE CLINICAL EFFICACY AND SAFETY OF VUTRISIRAN IN PATIENTS WITH ATTR AMYLOIDOSIS WITH CARDIOMYOPATHY

Rebecca Shilling, Verena Karsten, Nancy Silliman, Jihong Chen, Wei Li, John Vest, Alnylam Pharmaceuticals, Cambridge, MA, USA

260 - FLOW-MEDIATED SKIN FLUORESCENCE (FMSF): A NOVEL METHOD FOR THE ESTIMATION OF SLEEP APNEA RISK IN HEALTHY PERSONS AND CARDIAC PATIENTS

Tomasz Rechcinski, Urszula Cieslik-Guerra, Patryk Siedlecki, Ewa Trzos, Karina A. Wierzbowska-Drabik, Ewa Szymczyk, Paulina Wejner-Mik, Malgorzata Kurpesa, Piotr Lipiec, Jaroslaw D Kasprzak, Medical University of Lodz, Lodz, Poland

261 - CAN YOU HEAR ME NOW? THE POTENTIAL OF MHEALTH TO GIVE CAREGIVERS A V-O-I-C-E ON THE CARDIOVASCULAR PATIENT CARE TEAM  
Kellen Knowles, Alaa Diab, Helen Xun, Sharon Pang, Sunyoung Jang, Rohanit Singh, Francoise Marvel, Seth Shay Martin, Johns Hopkins University School of Medicine, Baltimore, MD, USA

262 - ENHANCED PHYSICAL EXAM IN A RURAL CARDIOLOGY CLINIC AND ITS IMPACT ON HEALTH CARE RESOURCE UTILIZATION-EPERC STUDY

Rohan V. Shah, Noor Chima, Sudarshan Balla, Irfan Zeb, Abbas S. Ali, West Virginia University, Morgantown, WV, USA

263 - EFFECTIVENESS OF DIGITAL THERAPEUTICS TO IMPROVE BLOOD PRESSURE CONTROL AMONG PATIENTS WITH HYPERTENSION AND DIABETES IN INDIA

Rishi Adhikary, Arjun Krishnakumar, Siddhesh Kolwankar, Abhishek Shah, Snehal Sanghavi, Vinod Mattoo, Wellthy Therapeutics Pvt Ltd, Mumbai, India

264 - THE WOMEN IN CARDIOLOGY TWITTER NETWORK

Neha Chandra, Ruth Hsiao, Hilary Shapiro, Shire Beach, Sarah Snow, Karol E. Watson, Marcella Calfon-Press, Tamara Horwich, Martha Gulati, Gina Price Lundberg, Sherry-Ann Brown, Purvi Parwani, Janet K. Han, University of California Los Angeles, Los Angeles, CA, USA

**Special - Poster Contributions**

**Session #1324**

**Cardiovascular Team Cases 5**

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

265 - SYSTEMIC ALTEPLASE THERAPY FOR ACUTE ISCHEMIC STROKE IN A LEFT VENTRICULAR ASSIST DEVICE PATIENT

Grace M. Conroy, Pamela Simone, University of Chicago Medicine, Chicago, IL, USA

266 - MULTIDISCIPLINARY COLLABORATION LEADING TO SUCCESSFUL LIMB SALVAGE: A CASE OF COMPLICATED ACUTE LIMB ISCHEMIA

Bailey Estes, Hendrick Medical Center, Abilene, TX, USA

**Special - Poster Contributions**

**Session #1325**

**Spotlight on Special Topics: Shared Decision Making 5**

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

267 - 1000 CONSECUTIVE PATIENTS EVALUATED FOR SAFETY AND EFFICACY: A FOCUSED STUDY OF PROHIBITED DEVICES IN THE MRI ENVIRONMENT

Robert W. W. Biederman, Loretta Gevenosky, Huma Samar, Ronald Williams, Richard Lombardi, Moneal Shah, Victor Farah, Francesco Mangini, Christopher Bonnet, Mark Doyle, Allegheny General Hospital, Pittsburgh, PA, USA

268 - UNDERSTANDING THE PATIENT PREFERENCE FOR CATHETER-BASED HYPERTENSION THERAPY: A PILOT STUDY FOR PHYSICIAN AWARENESS OF PATIENTS' BEHAVIOR IN TAIWAN

Shu-I Lin, Sarah Hsiao-Wei, Wei-Ren Lan, Feng-Ching Liao, Cheng Ting Tsai, Ying-Hsiang Lee, Cardiovascular Center, MacKay Memorial Hospital, Taipei, Taiwan, Department of Medicine, Mackay Medical College, New Taipei, Taiwan

**Special - Poster Contributions**

**Session #1326**

**Spotlight on Special Topics: Global Cardiovascular Health 5**

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

269 - RACE MIGHT BE A PREDICTOR OF RETURN OF SPONTANEOUS CIRCULATION IN CARDIAC ARREST: LESSONS FROM THE NEMIS DATABASE  
Aditya Shekhar, Christopher Mercer, Robert Ball, University of Minnesota, Minneapolis, MN, USA





270 - A NATIONAL COORDINATED CARDIAC SURGERY REGISTRY IN HAITI: THE HAITI CARDIAC ALLIANCE EXPERIENCE

James R. Wilentz, Owen Robinson, Samantha Lacossade, Haiti Cardiac Alliance, Burlington, VT, USA, Icahn School of Medicine at Mount Sinai, New York, NY, USA

271 - BRAZILIAN HYPERTENSES LIFE STYLE AND SOCIAL STRUCTURE CONDITIONING A NATIONAL HEALTH SURVEY

Romero Henrique de Almeida Barbosa, Johnnatas Mikael Lopes, Marcello Barbosa Gonçalves Otoni Guedes, Universidade Federal do Vale do São Francisco, Paulo Afonso, Brazil

272 - CHARACTERIZATION, TREATMENT AND OUTCOMES OF PATIENTS WITH STABLE ISCHEMIC HEART DISEASE IN A TERTIARY-CARE CENTER IN BRAZIL

Eduardo Moreira, Cibele Garzillo, Sandra Ayres, Desiderio Favarato, Fabio Pitta, Eduardo Gomes Lima, Whady Hueb, Carlos Serrano, Heart Institute (InCor), Sao Paulo, Brazil

Special - Poster Contributions

Session #1327

Spotlight on Special Topics: Education and Training 5

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

273 - IMPACT OF A FLIPPED CLASSROOM CARDIOLOGY CONSULTS CURRICULUM ON INTERNAL MEDICINE RESIDENTS' KNOWLEDGE AND PREPAREDNESS

Jenna Skowronski, Jill Allenbaugh, Joshua Levenson, Kathryn L. Berlacher, Department of Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, USA, Heart and Vascular Institute, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

274 - PERSONAL STATEMENT DOES NOT PREDICT FUTURE CAREER PATHS OF CARDIOLOGY FELLOWS

Jamshid Shirani, Kimia Menhaj, Purujit Thacker, Temple St. Luke's School of Medicine, Bethlehem, PA, USA

275 - SYSTEMATIC DEVELOPMENT AND EVALUATION OF A CARDIOLOGY FOR THE NON-CARDIOLOGIST COURSE: A 3-YEAR REVIEW

Ebun Ebunlomo, Christopher Ralls, Candy Green McClennon, Alpesh Shah, Houston Methodist Heart and Vascular Center, Houston, TX, USA

276 - PHONOCARDIOGRAPHY IMPROVES IDENTIFICATION OF MITRAL STENOSIS (MS) BY MEDICAL STUDENTS DURING STANDARDIZED AUSCULTATION ASSESSMENT

Matt Nazari, Jaeil Ahn, Richard Collier, Joby Jacob, Venkatesh Raman, Erin Farrish, MedStar Georgetown University Hospital, Georgetown, DC, USA

277 - TARGETED EDUCATION OF HOUSESTAFF LEADS TO IMPROVED ADHERENCE TO GUIDELINE DIRECTED MEDICAL TREATMENT IN HEART FAILURE COHORT: A QUALITY IMPROVEMENT PROJECT

Shruti Hegde, Argyro Papafillipaki, Jennifer Bell, Lana Tsao, St. Elizabeth's Medical Center, Brighton, MA, USA

278 - A STRUCTURED TEACHING PROGRAMME TO IMPROVE PRESCRIBING PRACTICES OF UNDERGRADUATE MEDICAL STUDENTS USING COMMON CARDIAC MEDICATIONS

Selina S. Jarvis, Sheba Jarvis, Michael R. Clements, West Herts NHS Trust, Watford, United Kingdom

Special - Poster Contributions

Session #1328

FIT Clinical Decision Making: Valvular Heart Disease 5

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

279 - PRIMARY CARDIAC SARCOMA INVOLVING THE MITRAL VALVE: AN INSIDIOUS FORM OF HEART FAILURE

Harsh Jain, Maan Harb, Todd Prol, Stephen Horgan, Edward Rachofsky, Morristown Medical Center, Morristown, NJ, USA

280 - A CASE OF POSTERIOR WALL MYOCARDIAL INFARCTION COMPLICATED BY ACUTE MITRAL REGURGITATION

Tony Roy, Deborah Akanya, Datson Pereira, Gini Priyadharshini, Jeyashanmugaraja, Stuart W. Zarich, Andrew Beck, Bridgeport Hospital, Bridgeport, CT, USA

281 - AMPLATZER VASCULAR PLUG REPAIR OF PARAVALVULAR LEAK FOLLOWING EPISODE OF PROSTHETIC VALVE ENDOCARDITIS

Kadijah F. Porter, Igor Vaz, Sunita Mahabir, Rosario Colombo, Jackson Memorial Hospital, Miami, FL, USA, University of Miami, Miami, FL, USA

282 - UNMASKING SUBVALVULAR DEFECT: A CASE OF VSD REPAIR

Tanuka Datta, Alan John, Alvin George, Mark DeCaro, Jefferson Heart Institute, Thomas Jefferson University, Philadelphia, PA, USA

283 - TRANSCATHETER INTERVENTIONS FOR CONCOMITANT SEVERE AORTIC STENOSIS AND SEVERE MITRAL REGURGITATION

Adithya Thomas Mathews, Hamza Lodhi, Priya Bansal, Haider Al Taii, Akshay Mathews, Brijeshwar Maini, Florida Atlantic University, Boca Raton, FL, USA

284 - RARE BACTERIAL INFECTIVE ENDOCARDITIS UNMASKING SIGMOID NEOPLASIA

Danekka Loganathan, Zarak H. Khan, Narayana Gandham, Romain Calini, Sangeetha Nanthabalan, St Mary Mercy Hospital, Livonia, MI, USA

285 - ISOLATED NATIVE PULMONARY VALVE ENDOCARDITIS DUE TO STREPTOCOCCUS PNEUMONIAE WITH HIV INFECTION: A RARE CLINICAL PHENOMENON

Nabil K. Al-Kourainy, Patrick Yousif, Rana Ismail, Luis C. Afonso, Detroit Medical Center/Wayne State University, Detroit, MI, USA, Detroit Medical Center Sinai Grace Hospital/Wayne State University School of Medicine, Detroit, MI, USA

286 - SYSTEMIC VENTRICULARIZATION: AN UNUSUAL FINDING IN A PATIENT WITH SEVERE TRICUSPID REGURGITATION

Chukwudum Ufodu, Fernando Fuentes, Kushagra Gupta, Toribiong Uchel, Domingo Franco-Palacios, Moises Cossio, Virginia Tech Carilion School of Medicine, Department of Pulmonary & Critical Care Medicine, Roanoke, VA, USA

287 - MANAGEMENT OF MRSA AND CANDIDAL EUSTACHIAN VALVE ENDOCARDITIS

Hanyuan Shi, Rachel Cohen, Marjorie Bateman, Francisco Simeone, Tulane University, New Orleans, LA, USA

288 - THROMBOEMBOLIC EVENTS AFTER ASPIRIN ALONE WITH PRIOR DUAL ANTIPLATELET THERAPY POST MITRAL VALVE REPAIR

Ruifang Yang, Adithya Gandhi, Robert Dewhurst, David Goldgrab, Stephen Mester, William Bugni, Bay Area Cardiology and Vascular, Brandon, FL, USA, University of South Florida-HCA West Florida, Brandon Regional Hospital, Brandon, FL, USA

289 - LOCULATED PERICARDIAL EFFUSION CAUSING FUNCTIONAL TRICUSPID VALVE STENOSIS



Sakiru Isa, Mahin Khan, Hafiz Khan, Ahmad Munir, McLaren Regional Medical Center, Flint, MI, USA

290 - MANAGEMENT OF SEVERE TRICUSPID REGURGITATION EXACERBATED BY EXERCISE

Brenden Ingraham, Mackram F. Eleid, Mayo Clinic, Rochester, MN, USA

291 - ACUTE, SEVERE AORTIC REGURGITATION FROM PANNUS OBSTRUCTION: A SHORT WINDOW OF OPPORTUNITY

Kirtivardhan Vashistha, Andreas Kyvernitakis, Jayshiv Badlani, Rachel Hughes-Doichev, Georgios Lygouris, Allegheny General Hospital, Pittsburgh, PA, USA

292 - A RARE CASE OF HAEMOPHILUS INFLUENZAE (*H. INFLUENZAE*) SEROTYPE F ENDOCARDITIS COMPLICATED BY CONCURRENT CARDIOGENIC AND SEPTIC SHOCK: A CASE OF CHALLENGING MANAGEMENT

Wasiq Sheikh, Anshul Parulkar, Malik Bilal Ahmed, Fabio Lima, Robert Vazquez, Raymond R. Russell, III, Rhode Island Hospital, Providence, RI, USA, Brown University, Providence, RI, USA

293 - NOT YOUR TYPICAL OBSTRUCTION: SUBAORTIC MEMBRANE AFTER MITRAL VALVE REPLACEMENT

Ivan Pena, Robert Kalimi, Avneet Singh, North Shore University Hospital - Northwell Health, Manhasset, NY, USA

294 - AN APPROACH TO AVOID SURGERY IN TRICUSPID VALVE ENDOCARDITIS

Polina Pinkhasova, Ahmad Ramy Elashery, Mark K. Warshofsky, Robert Gallagher, Nuvance Health Danbury Hospital, Danbury, CT, USA

295 - AN ECHOGENIC MASS ON A BIOPROSTHETIC MITRAL VALVE

Kalyan R. Chitturi, Salil Kumar, Madiha Khan, Diana Chen, Caroline Goodner, Stav Cullum, Karla Kurrelmeyer, Mohammed Chamsi Pasha, Ejaz Janjua, Houston Methodist DeBakey Heart & Vascular Center, Houston, TX, USA

296 - BIOPROSTHETIC MITRAL VALVE OBSTRUCTION FROM LEFT ATRIAL THROMBUS PRESENTING WITH CARDIOGENIC SHOCK

Sujay Phookan, Suparna Clasen, Krannert Institute of Cardiology, Indiana University School of Medicine, Indianapolis, IN, USA

297 - ALL THAT ANEMIA IS NOT GI BLEED!

Lauren Katzell, Ankur Jain, Olgerd Bardhi, Rohit Bishnoi, Nayan Agarwal, George Arnaoutakis, Siddharth A. Wayangankar, University of Florida, Gainesville, FL, USA

298 - AUSTRIAN SYNDROME, THE UNLUCKY TRIAD: A CASE OF *STREP PNEUMONIAE* ENDOCARDITIS, MENINGITIS, AND PNEUMONIA

Paul Leis, Saman Setareh-Shenas, Nina Kukar, Robert Kornberg, Division of Cardiology, Mount Sinai Heart, Mount Sinai St. Luke's Hospital, New York, NY, USA, Icahn School of Medicine at Mount Sinai, New York, NY, USA

299 - RISK CONSIDERATIONS OF LARGE PAPILLARY FIBROELASTOMAS: A CASE OF RISK VS. BENEFIT IN AN OCTOGENARIAN

Mahin Rehman, Saurabh Sharma, Guthrie Robert Packer Hospital, Sayre, PA, USA

300 - PUZZLED BY THE POUCH: AORTIC ROOT ABSCESS PRESENTING AS VENTRICULAR TACHYCARDIA

Mohanad Hamandi, Zoheb Khan, Madison Bolin, Allison Lanfear, Chadi Dib, Hafiza Khan, Katherine Harrington, Baylor Scott and White The Heart Hospital, Plano, TX, USA

301 - A PECULIAR CASE OF PULMONIC VALVE ENDOCARDITIS

Alan John, Alvin George, Tanuka Datta, Alyson Owen, Yair Lev, Thomas Jefferson University Hospital, Philadelphia, PA, USA

302 - ENDOCARDITIS WITH MITRAL-AORTIC FIBROUS TISSUE PERFORATION AFTER TRANSCATHETER AORTIC VALVE REPLACEMENT: A THERAPEUTIC CHALLENGE IN A HIGH-RISK SURGICAL PATIENT

Fabio Souza, Marcio Junior, Monique Cardoso, Alexandre Rouge, Andre Weksler, Hospital São Lucas, Cardiology Intensive Care Unit, Rio de Janeiro, Brazil

303 - CARNEY COMPLEX: THE COMPLEX OF CARDIAC MYXOMA

Edwin O. Molina, Angela Torres-Torres, Leonell Freytes, Alejandro Lopez-Mas, Ernesto Soltero, Hospital Damas, Ponce, PR, USA

304 - ATRIAL FUNCTIONAL MITRAL REGURGITATION IN A PATIENT WITH LONG-STANDING PERSISTENT ATRIAL FIBRILLATION

Jared Crisafi, Ajay Agarwal, Kettering Medical Center, Kettering, OH, USA, Dayton VA Medical Center, Dayton, OH, USA

305 - PERIVALVULAR ABSCESS PRESENTING AS REDUCTION IN DEGREE OF AORTIC STENOSIS

Vijay S. Nijjar, Aashish Gupta, Thomas Middour, Smitha Neerukonda, Nichole Polin, Ochsner Medical Center, New Orleans, LA, USA

306 - FUNCTIONAL MITRAL STENOSIS SEEN AFTER TRANS-JUGULAR INTRAHEPATIC PORTOSYSTEMIC SHUNT IN A PATIENT WITH PRIOR HISTORY OF MITRAL VALVE REPAIR WITH ANNULOPLASTY RING

Stephanie Hsiao, Monika Young, Stacy Tsai, Rupsa Yee, Peter Hui, California Pacific Medical Center, San Francisco, CA, USA, CA, USA

307 - A WIN-WIN SITUATION: URGENT TRANSCATHETER AORTIC VALVE REPLACEMENT (TAVR) IN A PATIENT WITH RECENT MULTIVESSEL PERCUTANEOUS CORONARY INTERVENTION (PCI) FOR A NON-CARDIAC SURGERY

Woosun Kang, Jishanth Mattumpuram, Ekanka Mukhopadhyay, Sudhir Mungee, University of Illinois College of Medicine at Peoria, OSF SFMC, Peoria, IL, USA

308 - TRANSCATHETER TREATMENT OF FAILED PULMONARY HOMOGRAFT

Rajbir Sidhu, Mohammad Aziz, Rajeev Mohan, Curtiss Stinis, Christopher Suhar, Scripps Clinic, San Diego, CA, USA

309 - MITRAL VALVE PROLAPSE: WHEN DOES IT STOP BEING BENIGN?

Julia Tulaj, Kevin Harris, Judah Askew, Jay Sengupta, Joao L. Cavalcante, Quirino Orlandi, Minneapolis Heart Institute, Minneapolis, MN, USA

310 - "SLITHER INTO THE HEART": SALMONELLA ENDOCARDITIS FOLLOWING RATTLESNAKE MEAT INGESTION

Kunal Mishra, Cameron Cu, Mehran Abolbashari, Jorge D. Guerra, Sclaudia Didia, Chandra Prakash Ojha, Haider Alkhateeb, Texas Tech University Health Sciences Center, El Paso, TX, USA

311 - A TALE OF STRANGE BIOPROSTHETIC VALVE ENDOCARDITIS: AN UNCOMMON PRESENTATION OF MITRAL VALVE ENDOCARDITIS WITH LACTOCOCCUS GARVIEAE

Nitin Tandan, Ruby Maini, Mohammad Al-Akchar, Mary F. Chua, Sana Waqar, SIU School of Medicine, Springfield, IL, USA

312 - IF THE SHOE DOESN'T FIT, TRY A DIFFERENT SHOE: A MISSED DIAGNOSIS OF ENDOCARDITIS

Alissa N. Kauffman, Tyler P. Rasmussen, The University of Iowa Hospitals and Clinics, Iowa City, IA, USA

313 - DELAYED CORONARY OBSTRUCTION: A RARE COMPLICATION FOLLOWING TRANSCATHETER AORTIC VALVE REPLACEMENT

Suvwe Eboh, Ahmed Mohammad, Melissa Moey, Victor Okunrintemi, Ouassim Derbal, East Carolina University, Greenville, NC, USA

314 - LVOT OBSTRUCTION AND SEVERE AORTIC REGURGITATION CAUSED BY ANTEROLATERAL MUSCLE BUNDLE OF THE LEFT VENTRICLE: THE EMBRYOLOGIC REMNANT OF THE BULBO-ATRIOVENTRICULAR FLANGE  
Ahmed Altibi, Lama Al Jebbawi, Brijesh D. Patel, Henry Ford Allegiance Health, Jackson, MI, USA



315 - CRYPTOCOCCUS NEOFORMANS AUTOMATED IMPLANTABLE CARDIOVERTER-DEFIBRILLATOR (AICD) ENDOCARDITIS: A CHALLENGING CASE OF A RARE FUNGAL ENDOCARDITIS.

Ahmed Altibi, Saleha Asghar, Lama Al Jebbawi, Ayman Battisha, Vivek Kak, Henry Ford Allegiance Health, Jackson, MI, USA

316 - RAT BITE ENDOCARDITIS: AN UNUSUAL PRESENTATION

Devesh Raj, Muhammad Waqas Tahir, Vani Mulkareddy, Tara Chen, Bipul Baibhav, Rochester General Hospital, Rochester, NY, USA

#### Special - Poster Contributions

##### Session #1329

#### FIT Clinical Decision Making: Interventional Cardiology 5

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

317 - AN UNUSUAL CASE OF LEFT MAIN CORONARY ARTERY THROMBUS TREATED WITH GUIDE CATHETER ASPIRATION

Tom X. Hu, Farooq Junaid, Chad Broughton, Daniel Wildes, Oklahoma State University College of Osteopathic Medicine, Tulsa, OK, USA

318 - ST ELEVATION MYOCARDIAL INFARCTION IN A YOUNG MALE WITH ANTIPHOSPHOLIPID SYNDROME TREATED WITH ASPIRATION THROMBECTOMY

Jay Patel, S. Mustajab Hasan, Anamarys Blanco, Kenneth Iyamu, University of Central Florida, Ocala, FL, USA, HCA Ocala Regional Medical Center, Ocala, FL, USA

319 - TRAUMATIC ST-ELEVATION MYOCARDIAL INFARCTION BY A HORSE

Carolyn Wu, Patrick Bering, Lowell Satler, MedStar Washington Hospital Center, Washington, DC, USA, MedStar Heart and Vascular Institute, Washington, DC, USA

320 - BALLOON PULMONARY ANGIOPLASTY AS AN ALTERNATIVE TO THROMBOENDARTERECTOMY IN A PATIENT WITH CHRONIC THROMBOEMBOLIC PULMONARY HYPERTENSION AND TYPE 2 CRYOCROBULINEMIA

Robert Zilinyi, Sanjum S. Sethi, Alexander Murphy, Joseph Ingrassia, Koji Takeda, Erika Berman Rosenzweig, Ajay J. Kirtane, Columbia University Medical Center, New York, NY, USA

321 - CONDEMNED BY GENETICS: A CASE OF FAMILIAL HYPERCHOLESTEROLEMIA WITH PREMATURE CORONARY ARTERY DISEASE

Mohammad Mathboub, Lein Mathboub, Sohail Ikram, Ibrahim Fahsah, University of Louisville, Louisville, KY, USA, Norton Healthcare, Louisville, KY, USA

322 - SPONTANEOUS CORONARY ARTERY DISSECTION IN HEART TRANSPLANT RECIPIENT

Arjun Theertham, Kareem Niazi, Abel Moreyra, Rutgers - Robert Wood Johnson, New Brunswick, NJ, USA

323 - EARLY IMPROVEMENT IN RIGHT VENTRICULAR DYSFUNCTION FOLLOWING TRANSSEPTAL TRANSCATHETER MITRAL VALVE-IN-VALVE REPLACEMENT

Dinu V. Balanescu, Teodora Donisan, Amy Mertens, Ivan Hanson, Beaumont Hospital, Royal Oak, MI, USA

324 - WON'T GET A STROKE BUT NOW I CAN'T BREATHE

Akhil Rasim Reddy, Mariam Rahim, Aruni Bhavith, Mohamad Firas Barbour, Parkview Medical Center, Pueblo, CO, USA

325 - A ROLLING STONE: ACUTE CORONARY OSTIA OBSTRUCTION POST TRANSCATHETER AORTIC VALVE REPLACEMENT

Wai Tam, Marquand Patton, Mohammad Rizvi, Miguel Diaz, Vianka Perez, Roger Carrillo, Palmetto General Hospital, Hialeah, FL, USA

326 - TO CLOSE OR NOT TO CLOSE: PATENT FORAMEN OVALE IN A PATIENT UNDERGOING TIPS PROCEDURE

Manik Veer, Kinan Kassar, Farhan Katchi, David Lasorda, Victor Farah, Allegheny General Hospital, Pittsburgh, PA, USA

327 - TRANSCATHETER THERAPIES FOR TREATMENT OF COMPLEX AORTIC ROOT PSEUDOANEURYSM AND COMBINED SEVERE AORTIC STENOSIS AND REGURGITATION

Kim-Trang Ho, Jose G. Diez, Stephen Pickett, Salman Bandiali, Joggy George, Joseph S. Coselli, Texas Heart Institute, Houston, TX, USA, Baylor College of Medicine, Houston, TX, USA

328 - SINGLE PERCUTANEOUS AXILLARY ACCESS FOR IMPELLA INSERTION AND PCI IN A PATIENT WITH ACUTE MYOCARDIAL INFARCTION AND CARDIOGENIC SHOCK COMPLICATING AORTO-BIFEMORAL BYPASS SURGERY

Akash Rusia, Terry Bowers, Ivan Hanson, Beaumont Hospital, Royal Oak, Royal Oak, MI, USA

329 - A STENTLESS APPROACH TO STEMI

Elliot Sultanik, Evan Shlofmitz, Maranatha Gabaud, Hayder Dhafir Hashim, Medstar Washington Hospital Center, Washington, DC, USA

330 - A CASE OF RECURRENT HIGH-GRADE UNDIFFERENTIATED CARDIAC SARCOMA WITH INVOLVEMENT OF PULMONARY VEINS REQUIRING CARDIAC AUTOTRANSPLANTATION

Rakushumimariika Harada, Michinari Hieda, Mark Feldman, Yogamaya Mantha, Michael Reardon, Jorge Cheirif, Texas Health Presbyterian Hospital Dallas, Dallas, TX, USA

331 - USE OF ANGIOVAC THROMBECTOMY FOR TREATMENT OF RIGHT ATRIAL THROMBUS IN THE SETTING OF ACUTE GASTROINTESTINAL BLEEDING

Hernan Vera, David Hurtado-de-Mendoza, Rosario Colombo, Jackson Memorial Hospital, Miami, FL, USA, Universidad Industrial de Santander, Bucaramanga, Colombia

332 - TIROFIBAN INDUCED DIFFUSE PULMONARY HEMORRHAGE

Pejman Giglou, Prashanth Mopala, Meera Devi Kondapaneni, Metrohealth, Cleveland, OH, USA

333 - INTRACORONARY BRACHYTHERAPY FOR RECURRENT IN-STENT RESTENOSIS IN LEFT MAIN BIFURCATION LESION

Stephanie Madonis, Jose David Tafur Soto, Ochsner Clinic Foundation, New Orleans, LA, USA

334 - AN EYE FOR AN AI: THE STORY OF A VALVE IN VALVE IN VALVE

Hussam Hawamdeh, Ashley Mohadjer, Anthony Bavry, University of Florida, Gainesville, FL, USA

335 - SPONTANEOUS CORONARY ARTERY DISSECTION IN A PATIENT WITH RECURRENT ACUTE CORONARY SYNDROME AND PRESUMED VIRAL CARDIOMYOPATHY: IS IT MERELY A CO-INCIDENCE OR MISSED DIAGNOSIS

Taha Ahmed, Adnan Yousaf, Samra Haroon Lodhi, Albert Chan, Cleveland Clinic Foundation, Cleveland, OH, USA

336 - ULTRASOUND ASSISTED CATHETER DIRECTED THROMBOLYSIS CAN BE SAFELY USED WITH INHALED EPOPROSTENOL AND REPEATED DURING THE SAME ADMISSION

Saad Sikanderkhal, Rafay Khan, Abdul-Razaq Adeniyi, Alison Bailey, Matthew Wiisanen, The University of Tennessee College of Medicine, Chattanooga, TN, USA, Erlanger Baroness Hospital, Chattanooga, TN, USA

337 - SUPERIOR MESENTERIC ARTERY OCCLUSION BY AXILLARY BALLOON PUMP

Conor Senecal, Mayo Clinic, Rochester, MN, USA

338 - THERAPEUTIC CONUNDRUM: PARADOXICAL SYSTEMIC, CEREBRAL AND PULMONARY EMBOLI WITH AN ACUTE BLEED



Jose Benjamin Cruz Rodriguez, Arjab Ghosh, Abbas Zaidi, Adriana Mares, Haider Alkhateeb, Harsha Nagarajara, Chandra Prakash Ojha, Texas Tech University Health Sciences Center, El Paso, TX, USA

339 - WELLES SYNDROME AND CHRONIC KIDNEY DISEASE: A THOUGHTFUL APPROACH TO CORONARY INTERVENTION

Srikanth Radhakrishnan, Hayder Hashim, Patrick Bering, Rama Hritani, Medstar Washington Hospital Center, Georgetown University, Washington, DC, USA, Medstar Heart and Vascular Institute, Washington, DC, USA

340 - LEVERAGING THE LAW OF LAPLACE: SUCCESSFUL TRANSCAVAL ACCESS THROUGH AN ABDOMINAL AORTIC ANEURYSM FOR IMPELLA ASSISTED DISTAL LEFT MAIN INTERVENTION FOLLOWED BY SELF EXPANDING TAVR VALVE

Neel Parikh, Jatinder Banipal, Matthew Cauchi, Jason Foerst, Virginia Tech School of Medicine/Carilion Clinic, Roanoke, VA, USA

341 - ISOLATED THIRD NERVE Palsy AFTER CARDIAC CATHETERIZATION

Mohammad Hashim Jilani, Syed Arqum Huda, Larry Charlam, Aneeq Waqar, SUNY Upstate Medical University, Syracuse, NY, USA

342 - SOLE SUPPLIER OF THE HEAD, THE HEART AND THE HANDS: AN 80% STENOSIS LEFT SUBCLAVIAN ARTERY

Maranda Herner, Minakshi Biswas, Matthew Holland, Department of Medicine, University of Colorado, Aurora, CO, USA, Denver Health, Denver, CO, USA

343 - PERCUTANEOUS TREATMENT OF LVAD KINK, A RARE CAUSE OF PUMP FAILURE!

Munis Raza, Diana Otero, Neil Barry, Kenneth Dulnuan, Bassel Alkhalil, Vikas Singh, University of Louisville, Louisville, KY, USA

344 - PROTAMINE VASOPLEGIA: A RARE SIDE EFFECT

Khaled Ali B. Sherif, Mohammed Otahbachi, University of Texas Medical Branch, Galveston, TX, USA

345 - EVALUATING OSTIAL LEFT MAIN CORONARY ARTERY STENT USING A NOVEL TECHNIQUE WITH OPTICAL COHERENCE TOMOGRAPHY

Kamal Kassem, Saavia Girgla, Saad Saifuddin Ahmad, University of Cincinnati Medical Center, Cincinnati, OH, USA

346 - SIMULTANEOUS TAVR AND COMPLETE REVASCULARIZATION OF PROXIMAL AND NON-PROXIMAL CORONARY LESIONS DURING HEART FAILURE EXACERBATION A CASE REPORT

Diego A. Celli, Camilo Gomez, Larry J. Diaz, Luis Cressa, University of Miami, Miami, FL, USA

#### Special - Poster Contributions

##### Session #1330

##### FIT Clinical Decision Making: Congenital Heart Disease 5

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

347 - A MISSING PART OF PERICARDIUM

Andrey Vavrenyuk, Wayne Miller, Dhaval Desai, David H. Hsi, Stamford Hospital, Stamford, CT, USA

348 - CT SCAN FOR DIAGNOSIS AND MANAGEMENT OF A LARGE AORTOPULMONARY SEPTAL DEFECT

Julia Weld, Rupali Gandhi, Advocate Children's Heart Institute, Oak Lawn, IL, USA

349 - TWO CASES OF BARTONELLA ENDOCARDITIS IN PATIENTS WITH RIGHT VENTRICLE-TO-PULMONARY ARTERY CONDUIT

Minh Nguyen, Robin Fountain-Dommer, Bronson Children's Hospital, Kalamazoo, MI, USA, Western Michigan University School of Medicine, Kalamazoo, MI, USA

350 - A CASE REPORT OF TWO SIBLINGS WITH CONGENITAL RIGHT ATRIAL ANEURYSMS

Minh Nguyen, Robin Fountain-Dommer, Richard G. Ohye, Bronson Children's Hospital, Kalamazoo, MI, USA, Western Michigan University School of Medicine, Kalamazoo, MI, USA

351 - A RARE CASE OF REFRACTORY NEONATAL WOLFF-PARKINSON-WHITE SYNDROME ASSOCIATED WITH RIGHT ATRIAL ANEURYSM

Minh Nguyen, Robin Fountain-Dommer, David J. Bradley, Bronson Children's Hospital, Kalamazoo, MI, USA, Western Michigan University School of Medicine, Kalamazoo, MI, USA

352 - SYSTEMIC VENOUS BAFFLE OBSTRUCTION AND LEAK INTERVENTION RESOLVES OXYGEN REQUIREMENT AND ASCITES IN TRANSPOSITION OF GREAT ARTERIES PALLIATED WITH MUSTARD PROCEDURE

Riyad Yazan Kherallah, Wilson Lam, Srinath Gowda, John Seger, Peter Ermis, Baylor College of Medicine, Houston, TX, USA, Texas Children's Hospital, Houston, TX, USA

353 - PULMONARY ARTERY CATHETERIZATION VIA FEMORAL ARTERY ACCESS

Michael Cowherd, Elman Frantz, J. Larry Klein, Joshua Roark, Mahesh Sharma, Michael Yeung, UNC, Chapel Hill, NC, USA

354 - SINUS VENOSUS ATRIAL SEPTAL DEFECT PRESENTING WITH EXERTIONAL SYNCOPE

Shruti Hegde, Shaw Natan, Michael Maysky, St. Elizabeth's Medical Center, Brighton, MA, USA

355 - OXYGEN-DEPENDENT HYPOXEMIA IN AN ADULT PATIENT WITH CONGENITAL HEART DISEASE

Michael Fuery, Mark Sullivan, Shashank Sinha, Aditya Kasarabada, Inova Fairfax Medical Campus, Falls Church, VA, USA

356 - A SPECIAL CASE OF UNCORRECTED TETRALOGY OF FALLOT IN A PREGNANT WOMAN

Hanyuan Shi, Chad M. Caplan, Daniel C. Brady, Rachel K. Blewett, Sanjin Tunovic, Tulane University, New Orleans, LA, USA

357 - DOUBLE AORTIC ARCH: A RARE VASCULAR ANOMALY

Muhammad Kashif Amin, Ahmad Hallak, Muhammad Atif Khan, Rajesh Nambiar, Texas Tech University Health Sciences Center, Amarillo, TX, USA, Amarillo Heart Group, Amarillo, TX, USA

358 - COVERED STENT IS YOUR FRIEND!

Iman Naimi, Brian Morray, Thomas Jones, Seattle Children's Hospital - University of Washington School of Medicine, Seattle, WA, USA

359 - TO REOPERATE OR TO STENT

Iman Naimi, Agustin Rubio, Seattle Children's Hospital - University of Washington, Seattle, WA, USA

360 - UTILITY OF MULTIPLE ECHOCARDIOGRAPHIC MODALITIES IN DIAGNOSIS OF INFECTIVE ENDOCARDITIS

Iman Naimi, Aarti Bhat, Seattle Children's Hospital - University of Washington, Seattle, WA, USA

361 - PLATYPNEA-ORTHODEOXIA SYNDROME IN A PATIENT WITH COR TRIATRIUM DEXTER AND PATENT FORAMEN OVALE: A CASE REPORT  
Shravan Lokineni, Basil Said, Venkata Satish Pendela, Erfan Alotaki, Depta Jeremiah, Bipul Baibhav, Rochester General Hospital, Rochester, NY, USA

362 - ENDOCARDITIS PRECIPITATED RUPTURE SINUS OF VALSALVA ANEURYSM COEXISTING WITH A VENTRICULAR SEPTAL DEFECT AND BICUSPID AORTIC VALVE

Doaa Aly, Julio Lutterbach, Matthew Stone, Brian Fonseca, Children's Hospital of Colorado, Aurora, CO, USA





363 - HEART BLOCK IN UNPALLIATED COMPLEX ADULT CONGENITAL HEART DISEASE: MASSIVE COLLATERAL BURDEN PRECLUDES EPICARDIAL PACEMAKER

Joshua Hirsch, Chris Broda, Peter Ermis, Wilson Lam, Angeline Opina, Baylor College of Medicine, Houston, TX, USA

364 - 3-DIMENSIONAL ECHOCARDIOGRAPHY PROVIDES INCREMENTAL INFORMATION IN THE DIAGNOSIS OF SUPRAVALVAR MITRAL RING

Matthew Campbell, Stephanie Fuller, Yan Wang, Anirban Banerjee, Children's Hospital of Philadelphia, Philadelphia, PA, USA

365 - FUNNY FONTANS: UNUSUAL FONTAN MODIFICATIONS EVALUATED BY CARDIAC MAGNETIC RESONANCE IMAGING

Clayton Smith, Matthew Carazo, Anurag Sahu, Emory University School of Medicine, Atlanta, GA, USA

366 - WILLIAMS SYNDROME AND NEONATAL CARDIAC SURGERY FOR CONGENITAL DOUBLE OUTLET RIGHT VENTRICLE

Taylor Katt, Robert Spicer, James M. Hammel, Jeffrey Robinson, Children's Hospital and Medical Center, Omaha, NE, USA

#### Special - Poster Contributions

##### Session #1331

#### FIT Clinical Decision Making: Acute and Stable Ischemic Heart Disease 5

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

367 - RADIATION INDUCED CORONARY HEART DISEASE IN A PATIENT WITH TREATED HODGKIN'S LYMPHOMA

Datson M. Pereira, Kristin Stawarski, Robert Fishman, Irma Fotjadhi, Bridgeport Hospital, Bridgeport, CT, USA

368 - UNSTABLE ANGINA IN A LOW-RISK PATIENT: "ZERO" DOES NOT MEAN NO-RISK

Olivia Allen, Simon R. Dixon, William Beaumont Hospital, Royal Oak, MI, USA

369 - MECHANICAL COMPRESSION OF LEFT MAIN CORONARY ARTERY LEADING TO ACUTE CORONARY SYNDROME

Carla M. Rosario Illanas, Javier Mirabal, Sonia Vicenty-Rivera, Orlando Rodriguez-Vila, Aulet Frances, Veteran Affairs Caribbean Healthcare System, San Juan, PR, PR

370 - STATIN INDUCED AUTOIMMUNE MYOPATHY

Sideris Facaros, Mark Rea, Summa Health, Akron, OH, USA

371 - MANAGEMENT OF ACUTE CORONARY SYNDROME IN A PATIENT WITH FACTOR XI DEFICIENCY

Sina Manthey, Yoav Karpenshif, Marie Guerraty, University of Pennsylvania Health System, Philadelphia, PA, USA

372 - TESTOSTERONE AND EARLY ISCHEMIC HEART DISEASE

Abdul Haseeb, Raza Mian, Muhammad Bilal, Sharath Rajagopalan, Hamza Hafeez, Najam Saqib, Mirza Mujadil Ahmad, Muhammad Siddique Pir, Sangeeta Prabhakar Bhat, Nicholas Ierovante, The Wright Center for GME, Scranton, PA, USA

373 - DIFFUSE CORONARY ARTERY VASOSPASM: A STEMI MASQUERADE IN A PATIENT WITH SUBARACHNOID HEMORRHAGE.

Dennis Grewal, Adebayo Mohammad, Pooja Swamy, Islam Abudayyeh, Purvi Parwani, Loma Linda University Health, Loma Linda, CA, USA

374 - TICAGRELOR ASSOCIATED "AIR HUNGER" WITH SINUS PAUSE: RISK OUTWEIGHING BENEFIT?

Van La, Jennifer Ngo, Issa G. Alesh, Cardiology, University of California, Riverside, School of Medicine, Riverside, CA, USA, Internal Medicine, University of California, Riverside, School of Medicine, Riverside, CA, USA

375 - WHEN LUPUS ATTACKS!

Kerolos Fahmi, Reem Itani, Sebastian Carrasquillo, Joshua Lung, Zareen Vaghaiwalla, Srinivasan Sattiraju, University of Florida Health - Jacksonville, Jacksonville, FL, USA

376 - AN OVERLOOKED CAUSE OF MYOCARDIAL INFARCTION WITH NORMAL CORONARY ARTERIES PRESENTING AS SUDDEN CARDIAC DEATH AND STRESS CARDIOMYOPATHY IN YOUNG FEMALES

Krishna Patel, Femina S. Patel, Annapoorna Singh, David Skolnick, Arthur McGhie, Ibrahim Saeed, Anna Grodzinsky, John Saxon, Saint Luke's Mid America Heart Institute, Kansas City, MO, USA, University of Missouri-Kansas City, Kansas City, MO, USA

377 - CODE KOUNIS: A CASE OF CORONARY ARTERY VASOSPASM SECONDARY TO CONTRAST

Tyler Coombes, Jaime Holbert, Benjamin Isaiah Shepple, William Black, University of Tennessee Medical Center at Knoxville, Knoxville, TN, USA

378 - A RARE CASE OF ACUTE SIMULTANEOUS CARDIO-CEREBRAL INFARCTION WITH REVIEW OF MECHANISM OF ONSET AND OPTIMAL MANAGEMENT

Ryan Mallory, Indiana University, Indianapolis, IN, USA

379 - REGRESSION OF CORONARY ARTERY DISEASE AFTER REMOVAL OF A PHEOCHROMOCYTOMA COMPLICATED BY ANOMALOUS RIGHT CORONARY ARTERY

Jeffrey Aday, Matthew Russell, Summanther Kaviratne, Naval Medical Center San Diego, San Diego, CA, USA

380 - PAPILLARY MUSCLE RUPTURE MIMICKING PNEUMONIA

Ninad Nadkarni, Ibrahim Salama, Abdullah Sayied Abdullah, Ryan Hoefen, Bipul Baibhav, Unity Hospital, Rochester, NY, USA, Rochester General Hospital, Rochester, NY, USA

381 - A RARE CASE OF ST ELEVATION MYOCARDIAL INFARCTION AFTER CHEST TRAUMA

Oscar A. Perez, Raunak Nair, Tariq Kewan, Johnny Chahine, Cleveland Clinic Fairview Hospital, Cleveland, OH, USA

382 - THE END GAME: CATASTROPHIC COMPLICATIONS OF MYOCARDIAL INFARCTIONS

Akhil Rasim Reddy, Shannon Lyons, Annie Dong, Bhavith Aruni, Mohamad Firas Barbour, Parkview Medical Center, Pueblo, CO, USA

383 - ACUTE MYOCARDIAL INFARCTION IN CROHN'S PATIENT WITHOUT TRADITIONAL CARDIOVASCULAR RISK FACTORS

Mary DeMent, Samer Martini, Faisal Masood, Ami Patel, Victoria Montgomery, Advocate Lutheran General Hospital, Park Ridge, IL, USA

384 - A DIAGNOSTIC CHALLENGE: PREGNANCY, CHEST PAIN, AND ZERO CALCIUM SCORE

Sananda Moctezuma, Saman Setareh-Shenas, Paul Leis, Scott Kaplin, Robert Kornberg, Eyal Herzog, Mount Sinai St Luke's, New York, NY, USA

385 - REVISITING A RARE MI COMPLICATION: VENTRICULAR SEPTAL RUPTURE  
Jad Al Dana, Vikas Sharma, Craig Selzman, Antigoni Koliopoulou, Josef Stehlik, James C. Fang, University of Utah Hospital, Salt Lake City, UT, USA

386 - MULTIPLE SYSTEMIC EMBOLI WITH CVA AND ISCHEMIC COLITIS DUE TO COCAINE INDUCED ANTERIOR MI COMPLICATED BY LV THROMBUS: FOCUS ON MANAGEMENT

Satyaki Chakrabarty, Antara Chakraborty, Shruti Hegde, Michael Maysky, St. Elizabeth's Medical Center, Boston, MA, USA, Tufts University School of Medicine, Boston, MA, USA





**Special - Poster Contributions**

**Session #1332**

**FIT Clinical Decision Making: Pulmonary Hypertension and Venous Thrombo-embolic Disease 5**

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

387 - PULMONARY SARCOIDOSIS MIMICKING CHRONIC THROMBOEMBOLIC PULMONARY HYPERTENSION

Lyana Labrada, Yasmin Raza, Chandra Dass, Paul Forfia, Temple University Hospital, Philadelphia, PA, USA

388 - GADOLINIUM CONTRAST BALLOON PULMONARY ANGIOPLASTY FOR A PATIENT WITH CHRONIC THROMBOEMBOLIC PULMONARY HYPERTENSION AND SEVERE IODINE ALLERGY

Shota Saito, Nobutaka Ikeda, Masato Nakamura, Toho University Ohashi Medical Center, Tokyo, Japan

389 - UNMASKING PULMONARY ARTERIAL HYPERTENSION FOLLOWING TRICUSPID VALVE REPLACEMENT

Mustafa Ajam, Rabih Touma, Omar Chehab, Aiden Abidov, Wayne State University, Detroit, MI, USA

390 - PULMONARY VENO-OCCLUSIVE DISEASE: A RARE ETIOLOGY OF PULMONARY HYPERTENSION

Nicole Sbircea, Cameron Whitler, Ashwin Kumar Ravichandran, Michelle Bailey, St. Vincent, Indianapolis, IN, USA

391 - DOUBLE TROUBLE! UNILATERAL ABSENCE OF LEFT PULMONARY ARTERY IN ASSOCIATION WITH STENOSIS OF RIGHT PULMONARY ARTERY

Abdullah Zoheb Azhar, Abad Khan, Shaista Jamil, Anam Naseem, Metropolitan Hospital Center, New York, NY, USA, Sher i Kashmir Institute of Medical Sciences, Kashmir, India

392 - FINDING ZEBRAS: RESOLUTION OF PULMONARY VEIN THROMBUS WITH ANTICOAGULATION

Patrick Kietrsunthorn, Jedediah McMunn, Ali Hama Amin, Carilion Clinic - Virginia Tech Carilion School of Medicine, Roanoke, VA, USA

**Special - Poster Contributions**

**Session #1333**

**FIT Clinical Decision Making: Vascular Medicine 5**

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

393 - LARGE DVT BURDEN? CONSIDER IVC ATRESIA

Jason Cottrell, Kim Jordan, OhioHealth Riverside Methodist Hospital, Columbus, OH, USA

394 - MICROSCOPIC POLYANGIITIS AS THE CAUSE OF CHEST PAIN IN A POSTPARTUM FEMALE

Sabah Iqbal, Asghar Ali Fakhri, University of Maryland Baltimore Washington Medical Center, Glen Burnie, MD, USA

395 - ISOLATED ASCENDING AORTIC THROMBUS SUCCESSFULLY MANAGED WITH ORAL ANTICOAGULATION

Akshay Kohli, Avinash Sharma, Rabin Neupane, Ana Barac, Medstar Washington Hospital Center, Washington, DC, USA, Medstar Heart and Vascular Institute, Washington, DC, USA

396 - SUCK IT OUT! SUCCESSFUL REMOVAL OF INFECTED THROMBUS FROM THE SUPERIOR VENA CAVA USING THE PERCUTANEOUS ANGIOVAC SYSTEM

Abdur Rehman, Archana Kodali, Rudy Jordan Bohinc, David Stultz, Brian Schwartz, Kettering Health Network, Kettering, OH, USA

397 - SOMETIMES, MORE IS MORE: A CASE HIGHLIGHTING MULTIMODALITY IMAGING IN DETECTING ASCENDING AORTIC DISSECTION

Shweta Paulraj, Prashanth Ashok Kumar, Ajay Uprety, Debanik Chaudhuri, SUNY Upstate Medical University, Syracuse, NY, USA

398 - A CASE OF GIANT CELL ARTERITIS PRESENTING INITIALLY AS PERIPHERAL ARTERY DISEASE

Brittany Weber, Sicong Huang, Magda Abdou, Marcelo Di Carli, Simon Helfgott, Ayaz Aghayev, Umberto Campia, Brigham and Women's Hospital, Boston, MA, USA

399 - DIAGNOSTIC COMPLEXITIES OF LEFT ATRIAL MASSES AND THE VALUE OF A PULMONARY EMBOLISM RESPONSE TEAM

Lucas Chan, Stephen Morris, Jeremiah F. Haines, Sorcha Allen, Katerina Porcaro, Ibrahim Chowdhury, Ahmad S. Manshad, Alexandru Marginean, Shannon Kuhrau, Dalila Masic, Yevgeniy Brailovsky, Jawed Fareed, Syed Ali, Amir Darki, Loyola Medical Center, Maywood, IL, USA

400 - SUCCESSFUL COIL EMBOLIZATION OF FISTULA BETWEEN LEFT ANTERIOR DESCENDING CORONARY ARTERY AND THE PULMONARY ARTERY

Abdisamad M. Ibrahim, Nitin Tandan, Zurain Niaz, Mohammad Al-Akchar, Nilesh J. Goswami, SIU School of Medicine, Springfield, IL, USA

401 - A RARE CASE OF PHLEGMASIA CERULEA DOLENS SECONDARY TO MAY THURNER SYNDROME

Usama Talib, C. Michael Gibson, North Shore Medical Center, Salem, MA, USA, Beth Israel Deaconess Medical Center, Boston, MA, USA

402 - DOCTOR, I AM BACK TO WORK! REMOVAL OF MASS WITH COMPLETE RESOLUTION OF HYPERTENSION AND CHEST PAIN

Tushar Tarun, Abdallah Mansour, Anand Chockalingam, Tanvi Nandani Tarun, Fadi Ghair, University of Missouri - Columbia, Columbia, MO, USA

403 - AN ACUTE AORTIC SYNDROME PRESENTING AS SEVERE SHOULDER PAIN

Hilda Mariana Gonzalez Bonilla, Nitheesha Ganta, Ahmad Awan, Jenna Aziz, Andre J. Duerinckx, Prafulla Mehrotra, Isaac Opoku-Asare, Shawn Sarin, Salim Aziz, Howard University Hospital, Washington, DC, USA, George Washington University Hospital, Washington, DC, USA

404 - THROMBOCYTOSIS TO THROMBOCYTOPENIA: A RARE CASE OF HIT IN ESSENTIAL THROMBOCYTOSIS

Chirag Sheth, Deborah Hornacek, Cleveland Clinic, Cleveland, OH, USA

405 - A CASE OF OSTIAL LEFT MAIN DISEASE: OPERATE FIRST?

Manu Mysore, Yoon K. Kim, Praveen Chekka, Maha Alfaraidhy, Kevin Li, Libin Wang, Stanley Liu, University of Maryland Medical Center, Baltimore, MD, USA

**Special - Poster Contributions**

**Session #1334**

**FIT Clinical Decision Making: Prevention 5**

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

406 - CARDIAC TAMPONADE: A FATAL COMPLICATION OF UNTREATED HYPOTHYROIDISM

Alejandro Quilichini, Nicolle Canales Ramos, Bayoan M. Ramos Parra, Andres Cordova Toro, Marcel Mesa Pabon, University of Puerto Rico Cardiology, San Juan, PR, USA

407 - REPETITIVE SYNCOPE DURING PENTATHLON COMPETITION

Nora Sydo, Csulak Emese, István Szegvártó, Márk Kaufmann, Bálint Károly Lakatos, Attila Kovács, György Bárczi, Csilla Czibalmos, Hajnalka Vágó, Dávid Becker, Thomas G. Allison, Bela Merkely, Semmelweis University, Heart and Vascular Center, Budapest, Hungary



408 - RECURRENT THROMBOTIC EVENTS WHILE ON RIVAROXABAN IN A PATIENT WITH ANTIPHOSPHOLIPID SYNDROME

Viswanatha Chinta, Kirstin Hesterberg, David Bulger, Marshall Elam, Tai-Hwang Fan, UTHSC, Memphis, TN, USA

409 - COMPETITIVE SPORTS AFTER ABORTED SUDDEN CARDIAC DEATH DUE TO CORONARY ARTERY ANOMALY

Csulak Emese, Nora Sydo, Dávid Becker, István Hartyánszky, Csilla Czimbalmos, Hajnalka Vágó, Bálint Károly Lakatos, Attila Kovács, Bela Merkely, Semmelweis University Heart and Vascular Center, Budapest, Hungary

410 - STEPPING INTO A LANDMINE: A CASE OF MULTI-VESSEL FUSIFORM ANEURYSMS

John David Adame, Jennifer Dorce-Medard, Seneca Harberger, Lakeside Medical Center, Belle Glade, FL, USA

### Special - Heart 2 Heart Stage

#### Session #6507

#### Art With Heart: Tales of Creativity in Cardiology

Sunday, March 29, 2020, 12:00 p.m. - 12:30 p.m.

Heart 2 Heart Stage - Lounge & Learn, Hall B

CME Hours: 0 / CNE Hours:

Co-Chair: Jignesh A. Patel

Co-Chair: J.D. Serfas

12:00 p.m.

Portrait of My Life: A Colorful Blend of Painting And Cardiology

Nazanin Moghbeli

Philadelphia, PA

12:06 p.m.

Journey from Arrhythmias to Thrillers: Rhythms That Work

Douglas P. Zipes

Bonita Springs, FL

12:12 p.m.

Plucking at Stainless Steel Heartstrings: Confessions of a Singer-

Songwriter/Transplant Cardiologist

Suzanne Brown Sacks

Nashville, TN

12:18 p.m.

The Magic in Medicine: Don't Let Your Dreams Disappear

Kedar Sankholkar

New York, NY

12:24 p.m.

Panel Discussion

### Valvular Heart Disease - Poster Contributions

#### Session #1318

#### Valvular Heart Disease: Clinical 5

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

215 - THIRTY DAY UNPLANNED READMISSION IN PATIENTS OLDER THAN 80 YEARS AFTER TRANSCATHETER AORTIC VALVE REPLACEMENT

Sandipan Chakraborty, Birendra Amgai, Dhruvajyoti Bandyopadhyay, Neelkumar Patel, Soniya Koirala, Zeel Patel, Wilbert Aronow, Miami Valley Hospital, Dayton, OH, USA

216 - SYSTOLIC BLOOD PRESSURE RESPONSE TO EXERCISE DOES NOT PREDICT MORTALITY IN PATIENTS WITH ASYMPTOMATIC SEVERE AORTIC STENOSIS

Sonia Fortin Gamero, Anwesh Poosala, Amanda Bonikowske, Vuyisile Tlhopane Nkomo, Thomas G. Allison, Mayo Clinic, Rochester, MN, USA

217 - AORTIC VALVE CALCIUM SCORE CUT-OFFS USED TO IDENTIFY HEMODYNAMICALLY SEVERE AORTIC STENOSIS MAY NOT APPLY IN PATIENTS WITH CARDIAC AMYLOIDOSIS

Muzna Hussain, Mazen Hanna, Brian P. Griffin, Jay Patel, Agostina Fava, Chris Watson, Dermot M. J. Phelan, Christine Louise Jellis, Richard A. Grimm, Leonardo Rodriguez, Paul Schoenhagen, Rory Hachamovitch, Wael A. Jaber, Paul Cremer, Patrick Collier, Cleveland Clinic, Cleveland, OH, USA, Queens University, Belfast, United Kingdom

218 - DOES LV EF IMPROVE 1 YEAR FOLLOWING SUCCESSFUL TAVR? IMPACT OF GENDER, REMODELING, AND TOTAL ARTERIAL LOAD

Nouran Sorour, Ahmed Nagy, Matthew Gottbrecht, Eugene Chung, Gerard P. Aurigemma, Colleen Harrington, University of Massachusetts Medical School, Worcester, MA, USA

219 - DIFFERENCES IN MORTALITY AMONG WHITE, BLACK, AND HISPANIC HOMELESS ADULTS HOSPITALIZED FOR STROKE

Emefah Loccoh, Karen Joynt Maddox, Robert W. Yeh, Dhruv Kazi, Rishi Wadhera, Beth Israel Deaconess Medical Center, Boston, MA, USA

220 - PROPENSITY STUDY ON ASSOCIATION OF THROMBOCYTOPENIA AND PROGNOSIS OF INFECTIVE ENDOCARDITIS

Kanaan Mansoor, Rodrigo Aguilar, Mohamed Suliman, Ahmed Amro, Carlos Rueda Rios, Mehdi El-Hamdani, Ghassan Bandak, Marshall University, Huntington, WV, USA

### Valvular Heart Disease - Poster Contributions

#### Session #1319

#### Valvular Heart Disease: Therapy 5

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

221 - IMPROVEMENT IN PATIENT CENTERED OUTCOMES FOLLOWING MITRAL VALVE SURGERY FOR SEVERE ISCHEMIC MITRAL REGURGITATION

Anuradha (Anu) Lala, Katherine Kirkwood, Alexander Iribarne, Alan Moskowitz, Jessica Overbey, Eric J. Charles, Daniel J. Goldstein, Patrick T. O'Gara, John Puskas, Emilia Bagiella, Wendy Taddei-Peters, Karen O'Sullivan, Marissa Miller, Charles Laurin, Gennaro Giustino, Babatunde Yerokun, A. Gillinov, Annetine Gelijns, Michael Acker, Lynne Warner Stevenson, CTSN Investigators, Icahn School of Medicine at Mount Sinai, New York, NY, USA

222 - ACCESS TO CARE AND MORTALITY AMONG MEDICARE BENEFICIARIES UNDERGOING TAVR IN THE UNITED STATES

Michael Young, David J. Malenka, Stephen A. Kearing, Jonathan S. Skinner, Alexander Iribarne, Dartmouth-Hitchcock Medical Center, Lebanon, NH, USA, The Dartmouth Institute, Lebanon, NH, USA

### Vascular Medicine - Poster Contributions

#### Session #1316

#### Vascular Medicine: Non Coronary Arterial Disease 5

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

202 - TIME TO ADVERSE EVENT IN TYPE A ACUTE AORTIC DISSECTION PATIENTS FOLLOWING LIMITED ASCENDING REPLACEMENT

Carsten Opris, Himanshu J. Patel, Davide Pacini, Carlo De Vincentiis, Thomas G. Gleason, Anthony Estrera, Nimesh Desai, Melissa Levack, Daniel G. Montgomery, Christoph Nienaber, George Arnaoutakis, Bradley Taylor, Kevin Greason, Valerio Tolva, Takeyoshi Ota, Marek Ehrlich, Kim Eagle, University of Michigan, Ann Arbor, MI, USA

203 - LIPOPROTEIN SUBFRACTIONS ARE ASSOCIATED WITH ISCHEMIC STROKE AMONG 9,795 PATIENTS IN THE FIELD TRIAL



Anthony C. Keech, Peter P. Toth, Andrzej Januszewski, Rachel O'Connell, Liping Li, David Sullivan, Marja-Riitta Taskinen, Graeme Hankey, Neil E. Anderson, Matti Romo, Paul L. Drury, Gerald Watts, James D. Best, Jean-Claude Ansquer, Steven R. Jones, Alicia J. Jenkins, FIELD Study Investigators, NHMRC Clinical Trials Centre, Sydney, Australia

204 - NETWORK META-ANALYSIS COMPARING ENDOVASCULAR TREATMENT MODALITIES FOR FEMOROPATELAL PERIPHERAL ARTERY DISEASE  
Mohammad Saud Khan, Fuyu Zou, Abdur Rahman Khan, Abdelmoniem Moustafa, Christopher H. Schmid, The Warren Alpert School of Brown University, Providence, RI, USA, Harvard Medical School, Boston, MA, USA

205 - IMAGING AND AORTIC SIZE PRIOR TO AORTIC DISSECTION  
Daniel Johnson, Kari Thomas, Ross Garberich, Christian Schmidt, Larissa Stanberry, Miranda Kunz, Matthew Pavlovic, Karol Mudy, Steven Bradley, Kevin Harris, Minneapolis Heart Institute Foundation, Minneapolis, MN, USA

206 - ACUTE AORTIC DISSECTION IN PATIENTS WITH MITRAL VALVE DISEASE  
Joseph Kim, Christina Fanola, Maral Ouzounian, G. Chad Hughes, Reed E. Pyeritz, Thomas G. Gleason, Arturo Evangelista-Masip, Alan C. Braverman, Daniel G. Montgomery, Marek Ehrlich, Marc Schermerhorn, Guillaume Geuzebroek, Kevin Harris, anil bhan, Lori Conklin, Eric M. Isselbacher, Kim Eagle, University of Michigan, Ann Arbor, MI, USA

207 - INCREASED COATED-PLATELETS AND DECREASED EOTAXIN CONCENTRATION ARE ASSOCIATED WITH INCREASED SEVERITY OF ASYMPTOMATIC CAROTID STENOSIS  
Arleen Ramirez Jimenez, Mohamad Khattab, Andrea Vincent, George L. Dale, Angelia Kirkpatrick, University of Oklahoma Health Sciences Center, Oklahoma City, OK, USA

#### Vascular Medicine - Poster Contributions

##### Session #1317

##### Vascular Medicine: Venous Disease 5

Sunday, March 29, 2020, 12:00 p.m. - 2:00 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

208 - EXTENDED DURATION ANTICOAGULATION WITH DIRECT ORAL ANTICOAGULANTS FOR UNPROVOKED VENOUS THROMBOEMBOLISM TO PREVENT RECURRENT VENOUS THROMBOEMBOLISM EVENTS: A META-ANALYSIS OF RANDOMIZED TRIALS  
Madhan Shanmugasundaram, Ghulam Murtaza, Faisal Khalid, Sundeep Shenoy, Timir K. Paul, University of Arizona College of Medicine, Tucson, AZ, USA

209 - SEX DIFFERENCES IN PULMONARY EMBOLISM: CLINICAL CHARACTERISTICS, IN-HOSPITAL MORTALITY, AND 30-DAY READMISSIONS  
Jeremy Feng, Rachel Rosovsky, Massachusetts General Hospital, Boston, MA, USA, Harvard Medical School, Boston, MA, USA

#### Special - Special

##### Session #6006

##### Ask the Experts: Cardio Oncology

Sunday, March 29, 2020, 12:15 p.m. - 1:15 p.m.

Engage Studio

CME Hours: 1 / CNE Hours:

Co-Chair: Susan Dent  
Co-Chair: Bonnie Ky  
Master of Ceremony: Nosheen Reza  
Panelist: Joseph R. Carver  
Panelist: Ana Barac  
Panelist: Tomas G. Neilan  
Panelist: Yuhui Zhang

#### Acute and Stable Ischemic Heart Disease - Moderated Poster Contributions

##### Session #1048

##### Presentation, Management and Outcomes of Patients With STEMI and Beyond

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Acute and Stable Ischemic Heart Disease Moderated Poster Theater, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Norma M. Keller  
ACC Poster Moderator: Matthew Ian Tomey

12:30 p.m.  
CLINICAL CHARACTERISTICS AND MORPHOLOGICAL CULPRIT PLAQUE FEATURES IN PATIENTS WITH ACUTE CORONARY SYNDROME  
Akira Nagasawa, Hiromasa Otake, Hiroyuki Kawamori, Takayoshi Toba, Hiroyuki Onishi, Yoichiro Sugizaki, Ryo Takeshige, Shinsuke Nakano, Yoichiro Matsuoka, Kosuke Tanimura, Yu Takahashi, Yusuke Fukuyama, Shunsuke Kakizaki, Daichi Fujimoto, Koichi Nakamura, Amane Kozuki, Junya Shite, Masamichi Iwasaki, Koji Kuroda, Tomofumi Takaya, Ken-Ichi Hirata, Kobe University, Kobe, Japan

12:40 p.m.  
Question and Answer

12:45 p.m.  
THE IMPACT OF PERCUTANEOUS CORONARY ANGIOPLASTY TO PREDICT MORTALITY AND NEUROLOGICAL OUTCOME IN OUT-OF-HOSPITAL CARDIAC ARREST PATIENTS WITHOUT ST-SEGMENT ELEVATION  
Junji Mastuda, Momiji Kaede, Shun Nakamura, Masahiko Nakao, Takayuki Niida, Yu Hatano, Tomoyuki Umamoto Sr., Tetsumin Lee, Taishi Yonetsu, Tokyo Medical and Dental University, Tokyo, Japan, Japanese Red Cross Saitama Hospital, Saitama, Japan

12:55 p.m.  
Question and Answer

1:00 p.m.  
CLINICAL OUTCOMES OF ANTERIOR STEMI PATIENTS ELIGIBLE FOR THE DOOR TO UNLOAD TRIAL  
Timothy D. Henry, Santiago Garcia, Christian Schmidt, Ross Garberich, Frank V. Aguirre, Mark Tannenbaum, Timothy Smith, Scott W. Sharkey, The Christ Hospital, Cincinnati, OH, USA

1:10 p.m.  
Question and Answer

1:25 p.m.  
Question and Answer

1:30 p.m.  
14-YEAR EXPERIENCE IN DOOR-TO-BALLOON TIMES WITH A 24/7 STEMI PROGRAM: SIXTY IS THE NEW NINETY  
Xiaoxiao Qian, M. Fuad Jan, Suhail Allaqaband, Babak Haddadian, Khawaja Afzal Ammar, Tanvir Bajwa, Aurora Cardiovascular and Thoracic Services, Aurora St. Luke's/Aurora Sinai Medical Centers, Milwaukee, WI, USA

1:40 p.m.  
Question and Answer



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

**Session #683**

**Managing a Whirlwind of Complicating Factors in NSTEMI: It's Not Always Easy!**

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Room S504a

CME Hours: 1.25 / CNE Hours:

Co-Chair: Timothy D. Henry

Co-Chair: Robert Roswell

Panelist: Subhash Banerjee

Panelist: David R. Holmes

Panelist: Jason Ciril Kovacic

12:30 p.m.

Case #1: Challenging Case of Type 1 versus Type 2 NSTEMI

Toral Patel

Charlottesville, VA

12:37 p.m.

Panelist Discussion After Case #1

12:48 p.m.

Case #2: NSTEMI in The Setting of Recent Stroke

Rachita Navara

Saint Louis, MO

12:55 p.m.

Panelist Discussion After Case #2

1:06 p.m.

Case #3: Patient With Chest Pain, Deep ST Depressions, High Fevers And Even Higher Troponin

Cecilia Berardi

New Haven, CT

1:15 p.m.

Panelist Discussion After Case #3

1:26 p.m.

Case #4 - NSTEMI in The Bleeding Patient

Ada C. Stefanescu Schmidt

Boston, MA

1:33 p.m.

Panelist Discussion After Case #4

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

**Session #684**

**Great Debates in Revascularization For Multi-Vessel Disease: Which Would You Choose?**

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Room S505a

CME Hours: 1.25 / CNE Hours:

Co-Chair: Jennifer Lawton

Co-Chair: Jacqueline E. Tamis-Holland

12:30 p.m.

PCI Is The "Sweeter" Way to Go in Patients With Diabetes, EVEN When There Is Multi-Vessel Disease!

Marco Roffi

Vessy, OH, Switzerland

12:36 p.m.

I Am a Bit "Sour" About PCI in Patients With Diabetes And Multi-Vessel Disease

Michael E. Farkouh

Toronto, Canada

12:42 p.m.

Case of a Patient With Diabetes And Severe Triple Vessel Disease

Ravi S. Hira

Seattle, WA

12:47 p.m.

Panel Discussion And Question and Answer on Approach to Revascularization in Patients With Diabetes

12:47 p.m.

Panelist: Michael E. Farkouh

Toronto, Canada

12:47 p.m.

Panelist: Marco Roffi

Vessy, OH, Switzerland

12:53 p.m.

Stenting For Left Main Disease: An EXCELlent Way to Go!

Syed Tanveer Rab

Duluth, GA

12:59 p.m.

CABG Is The NOBLE Approach to Revascularization in Left Main Disease

Michael J. Mack

Plano, TX

1:05 p.m.

Case of a Patient With Severe Left Main Disease

Stephen Wilkinson

Grand Rapids, MI

1:10 p.m.

Panel Discussion And Question and Answer on Approach to Revascularization in Patients With Left Main Disease

Panelist: Michael J. Mack

Panelist: Syed Tanveer Rab

1:16 p.m.

A Syntax Score of Thirty Five? PCI Is Still Alive!

Junbo Ge

200032 Shanghai, China

1:22 p.m.

Stop The Rhyming (AND THE NONSENSE) CABG Is Better!

Joseph F. Sabik

Cleveland, OH

1:28 p.m.

Case of a Patient With Complex Triple Vessel Disease

Mirza Umair Khalid

Bellaire, TX

1:33 p.m.

Panel Discussion And Question and Answer on Approach to Revascularization in Patients With Complex Coronary Artery Disease

Panelist: Junbo Ge

Panelist: Joseph F. Sabik



**Arrhythmias and Clinical EP - Moderated Poster Contributions**

**Session #1049**

**Anticoagulation Conundrums in Atrial Fibrillation**

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Arrhythmias and Clinical EP Moderated Poster Theater, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Nazem Akoum

ACC Poster Moderator: Julia H. Indik

12:30 p.m.

OUTCOMES OF OBESE PATIENTS WITH ATRIAL FIBRILLATION (AF) RECEIVING DIRECT ORAL ANTICOAGULANTS

Alexandros Briasoulis, Amgad Mentias, Paulino Alvarez, Mary Vaughan-Sarrazin, University of Iowa, Iowa City, IA, USA

12:40 p.m.

Question and Answer

12:45 p.m.

DIRECT ORAL ANTICOAGULANTS VERSUS WARFARIN IN CHRONIC KIDNEY DISEASE PATIENTS WITH ATRIAL FIBRILLATION: RETROSPECTIVE COHORT STUDY IN MEDICARE

Jorge Reyes, James Wetmore, Nicholas Roetker, Heng Yan, Charles Herzog, Chronic Disease Research Group, Minneapolis, MN, USA, Hennepin County Medical Center, Minneapolis, MN, USA

12:55 p.m.

Question and Answer

1:00 p.m.

THE RISK OF STROKE INCREASES NEARLY THREE-FOLD AS PATIENTS WITH ATRIAL FIBRILLATION AGE FROM 66 TO 74 YEARS: A POPULATION-BASED COHORT STUDY

Husam Mohamed Abdel-Qadir, Sheldon M. S. Singh, Andrea Pang, Jiming Fang, Peter Austin, Cynthia Jackevicius, Karen Tu, Paul Dorian, Dennis Ko, Women's College Hospital, Toronto, Canada, University of Toronto, Toronto, Canada

1:10 p.m.

Question and Answer

1:25 p.m.

Question and Answer

1:30 p.m.

APIXABAN VERSUS WARFARIN AND ASPIRIN VERSUS PLACEBO ACCORDING TO RENAL FUNCTION AFTER ACUTE CORONARY SYNDROME OR PCI IN ATRIAL FIBRILLATION: INSIGHTS FROM THE AUGUSTUS TRIAL

Ziad Hijazi, John H. Alexander, Zhuokai Li, Daniel Wojdyla, Roxana Mehran, Christopher B. Granger, M. Cecilia Bahit, Stephan Windecker, Otavio Berwanger, Sigrun Halvorsen, Peter Sinnaeve, Robert Storey, Renato Lopes, Duke Clinical Research Institute, Durham, NC, USA, Uppsala Clinical Research Center, Uppsala University, Uppsala, Sweden

1:40 p.m.

Question and Answer

**Arrhythmias and Clinical EP - Scientific**

**Session #685**

**Managing Arrhythmias and Cardiac Implantable Devices in LVAD and Heart Transplant Recipients: A Multi-Disciplinary, Case-Based, 2020 Update**

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Room S404d

CME Hours: 1.25 / CNE Hours:

Co-Chair: Mark S. Slaughter

Co-Chair: Marmar Vaseghi

Panelist: Jim W. Cheung

Panelist: Jennifer Ann Cowger

Panelist: Valluvan Jeevanandam

Panelist: Argelia Medeiros

Panelist: Luigi Pierre Santos Segundo

12:30 p.m.

Incidence, Mechanisms, And Significance of Tachyarrhythmias in LVAD And Transplant Recipients

Kristen K. Patton

Seattle, WA

12:40 p.m.

ICD And CRT And Outcomes in LVAD Recipients? Life-Saver or Overkill? How Do You Program Them?

Rakesh Gopinathannair

Overland Park, KS

12:50 p.m.

Management of Ventricular Arrhythmias And The Role of Catheter Ablation in LVAD Recipients

Henri Roukoz

Minneapolis, MN

1:00 p.m.

Managing Atrial And Ventricular Arrhythmias in The Heart Transplant Recipient

Kalyanam Shivkumar

Los Angeles, CA

1:20 p.m.

Atrial Arrhythmias And Sinus Node Dysfunction in Heart Transplant Recipients: Significance And Management

Paolo C. Colombo

New York, NY

1:30 p.m.

Knowledge Gaps And Areas For Future Res

**Congenital Heart Disease - Moderated Poster Contributions**

**Session #1050**

**Single Ventricles: the Bench, the Bedside, and at Home**

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Congenital Heart Disease and Pulmonary Hypertension Moderated Poster Theater, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Ming-Sing Si

ACC Poster Moderator: Karen Texter

12:30 p.m.

OPTIMAL OUTCOMES AFTER STAGE 1 PALLIATION

Khayri Shalhoub, Cincinnati Children's Medical Center, Cincinnati, OH, USA,

Boston Children's Hospital, Boston, MA, USA

12:40 p.m.

Question and Answer





12:45 p.m.

UNILATERAL VERSUS BILATERAL SUPERIOR CAVOPULMONARY ANASTOMOSIS: A COMPARISON OF SURGICAL TIMING AND OUTCOMES  
Jeffrey Shuler, Christopher Statile, Haleh Heydarian, Garick Hill, Cincinnati Children's Hospital, Cincinnati, OH, USA

12:55 p.m.

Question and Answer

1:00 p.m.

SINGLE VENTRICLE SURVIVAL: RETROSPECTIVE REVIEW OF EXPOSURE TO INTERSTAGE MOBILE HEALTH TECHNOLOGY  
Lori Erickson, Jennifer Marshall, Amy Ricketts, Richard Stroup, Melissa Elliott, Nickey Crail, Ryan Romans, Hayley Hancock, James O'Brien, Girish Shirali, Children's Mercy Kansas City, Kansas City, MO, USA

1:10 p.m.

Question and Answer

1:15 p.m.

AUTOLOGOUS STEM CELL THERAPY FOR SINGLE RIGHT VENTRICULAR DYSFUNCTION AFTER FONTAN OPERATION: PHASE I SAFETY AND FEASIBILITY STUDY OF INTRACORONARY INFUSION OF BONE MARROW-DERIVED MONONUCLEAR CELLS  
Muhammad Yasir Qureshi, Nathaniel Taggart, Allison K. Cabalka, Donald Hagler, Shakila Khan, Kimberly Holst, Timothy Olson, Patrick O'Leary, Susana Cantero-Peral, Timothy J. Nelson, Wanek Family Program for Hypoplastic Left Heart Syndrome Clinical Pipeline, Mayo Clinic, Rochester, MN, USA

1:25 p.m.

Question and Answer

1:30 p.m.

CHRONIC PERINATAL HYPOXIA DELAYS CARDIAC MATURATION IN A MOUSE MODEL FOR CYANOTIC CONGENITAL HEART DISEASE  
Jennifer Romanowicz, Zaenab Dhari, Manelle Ramadan, Devon Guerrelli, Marissa Reilly, Nina Ciccarelli, Luther Swift, Nobuyuki Ishibashi, Nikki G. Posnack, Children's National Research Institute, Washington, DC, USA

1:40 p.m.

Question and Answer

### **Congenital Heart Disease - Scientific**

#### **Session #686**

#### **Exercise Is Still the Best Medicine**

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Room S105b

CME Hours: 1.25 / CNE Hours:

Co-Chair: Meryl S. Cohen

Co-Chair: Jack C. Salerno

12:30 p.m.

The Impact And Prevention of Obesity in Adults With Congenital Heart Disease

Lucy Roche

Toronto, Canada

12:42 p.m.

Audience Question and Answer

12:48 p.m.

Psychological Impact of Exercise Restrictions

Nicole Dempster

Columbus, OH

1:00 p.m.

Audience Question and Answer

1:06 p.m.

Exercise in The Fontan Patient: The Other Medication

Rachel Cordina

Newtown NSW 2042, Australia

1:18 p.m.

Audience Question and Answer

1:24 p.m.

ACC-Talk: Exercise And Fontan: My Experience

Alicia Wilmoth

Cincinnati, OH

1:36 p.m.

Audience Question and Answer

### **Heart Failure and Cardiomyopathies - Moderated Poster Contributions**

#### **Session #1051**

#### **Heart Failure With Preserved Ejection Fraction: Identifying Mechanisms and Targeting Therapy**

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Heart Failure and Cardiomyopathies Moderated Poster Theater, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Brian Jensen

ACC Poster Moderator: Scott L. Hummel

12:30 p.m.

INFLAMMATION AND EXERCISE INTOLERANCE IN HEART FAILURE WITH PRESERVED EJECTION FRACTION

Emily Lau, Shahrooz Zarbafian, Ruslan Ilyasovich, John Sbarbaro, Robyn Farrell, Mark Schoenike, Rajeev Malhotra, Susan Cheng, Mohit Jain, Gregory D. Lewis, Jennifer Ho, Massachusetts General Hospital, Boston, MA, USA

12:40 p.m.

Question and Answer

12:45 p.m.

SYSTOLIC BLOOD PRESSURE AND CARDIOVASCULAR OUTCOMES IN HEART FAILURE WITH PRESERVED EJECTION FRACTION: PARAGON-HF

Senthil Selvaraj, Brian Claggett, Michael Bohm, Stefan D. Anker, Muthiah Vaduganathan, Victor Shi, Martin Lefkowitz, John McMurray, Scott D. Solomon, Brigham and Women's Hospital, Brookline, MA, USA, Hospital of the University of Pennsylvania, Philadelphia, PA, USA

12:55 p.m.

Question and Answer

1:00 p.m.

A COMPOSITE METRIC TO IDENTIFY HFPEF PATIENTS LIKELY TO BENEFIT FROM SPIRONOLACTONE

Mark Belkin, Francis Alenghat, University of Chicago, Chicago, IL, USA

1:10 p.m.

Question and Answer

1:15 p.m.

TREATMENT OF A HFPEF MOUSEMODEL WITH CARVEDILOL, SALBUTAMOL OR EXERCISE

Julian Dunkley, Camila I. Irion, Keyvan Yousefi, Serene A. Shehadeh, Jeffrey J. Goldberger, Lina Shehadeh, University of Miami, Miller School of Medicine, Miami, FL, USA

1:25 p.m.

Question and Answer



1:30 p.m.

DELETION OF P21-ACTIVATED KINASE-1 WORSENS AGE RELATED CARDIAC DYSFUNCTION IN FEMALES

Paola Cecilia Rosas, Ashley Batra, Andrielle Capote, Chad Warren, Monika Halas, Yocelin B. Bello, R. Solaro, University of Illinois at Chicago, Chicago, IL, USA

1:40 p.m.

Question and Answer

#### Heart Failure and Cardiomyopathies - Scientific

##### Session #687

##### Harnessing the Power of Technology: Enabled Monitoring and Management in HF

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Room S406a

CME Hours: 1.25 / CNE Hours:

Co-Chair: Dipti Itchhaporia

Co-Chair: Josef Stehlik

12:30 p.m.

Frontiers of Heart Failure Care: Where Are We in 2020?

Lee R. Goldberg

Philadelphia, PA

12:42 p.m.

Current And Future Monitoring Devices; What Information Can We Possibly Capture

Sean Patrick Pinney

Wyckoff, NJ

12:54 p.m.

Up Close And Virtual: Telemedicine For Heart Failure Care

Eiran Z. Gorodeski

Beachwood, OH

1:06 p.m.

That's Nice, What Do We Do Now? Whats The Proof?

William T. Abraham

Powell, OH

1:18 p.m.

Nuts And Bolts of Remote Hemodynamic Monitoring

Cher Hagaman

Huntington Beach, CA

1:30 p.m.

Question and Answer

#### Heart Failure and Cardiomyopathies - Scientific

##### Session #688

##### To Right a Wrong in Heart Failure

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Room S406b

CME Hours: 1.25 / CNE Hours:

Co-Chair: Manreet Kanwar

Co-Chair: Michael S. Kiernan

12:30 p.m.

Pathophysiology And Differential Diagnosis of Right Ventricular Dysfunction?

Robert P. Frantz

Rochester, MN

12:42 p.m.

Assessment of RV Systolic and Diastolic Function: How to, and Why it Matters

Ryan James Tedford

Mount Pleasant, SC

12:54 p.m.

Medical Optimization of The RV in HFpEF?and HFrEF

Burkert Mathias Pieske

Berlin, Germany

1:06 p.m.

RV Failure in The Setting of LVAD

Jonathan Rich

Skokie, IL

1:18 p.m.

Case Presentation: Two Wrongs Don't Make a Right: RV Failure Complicating LV Disease

Michael Viray

Charleston, SC

1:23 p.m.

Panel Discussion of Case

#### Interventional Cardiology - Moderated Poster Contributions

##### Session #1052

##### Randomized Trials in PCI

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Interventional Cardiology Moderated Poster Theater, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Binita Shah

ACC Poster Moderator: Ranya N. Sweis

12:30 p.m.

EFFECT OF SEVOFLURANE ON CKMB RELEASE AFTER PCI WITH DRUG-ELUTING STENTS: A RANDOMISED TRIAL

Jose de Ribamar Costa Jr., Ronaldo Rossi Jr., Caetano Nigro, J. Italo França, Sergio Braga, Adélia Bergwerk, Marcelo A Goncalves, Edna Valeria da Silva, Maria Helena de Almeida, Amanda Sousa, Fausto Feres, Alexandre Abizaid, Instituto Dante Pazzanese de Cardiologia, São Paulo, Brazil

12:40 p.m.

Question and Answer

12:45 p.m.

ACUTE EFFECTS OF LOW-LEVEL TRAGUS STIMULATION ON THE CORONARY SLOW FLOW PHENOMENON

Bing Huang, Lihua Sun, Yankai Guo, Gang Liu, Shifeng Xing, Peng Li, Yan Xiang, Hong Jiang, Guiqiu Cao, Renmin Hospital of Wuhan University, Wuhan, People's Republic of China

12:55 p.m.

Question and Answer

1:10 p.m.

Question and Answer

1:15 p.m.

THE EFFECT OF DIAGNOSTIC ULTRASOUND MEDIATED SONOTHROMBOLYSIS APPLIED IMMEDIATELY AFTER EMERGENT PERCUTANEOUS CORONARY ARTERY INTERVENTION IN ACUTE LEFT ANTERIOR DESCENDING ST SEGMENT ELEVATION MYOCARDIAL INFARCTION

Arif Albulushi, Awail Sadiq, Khalid Al Saidi, Feng Xie, Lijun Qian, Gregory Pavlides, Edward O'Leary, David Barton, Andrew Goldsweig, Thomas Porter, University of Nebraska Medical Center, Omaha, NE, USA

1:25 p.m.

Question and Answer

1:35 p.m.

INCIDENCE AND PREDICTORS OF FUNCTIONALLY SIGNIFICANT SIDE BRANCH STENOSSES IN CALCIFIED CORONARY LESIONS AFTER ROTATIONAL



ATHERECTOMY AND CUTTING BALLOON ANGIOPLASTY: THE RANDOMIZED ORBIT-FFR TRIAL

Annapoorna Subhash Kini, Naotaka Okamoto, Nitin Barman, [Yuliya Vengrenyuk](#), Keisuke Yasumura, Surbhi Chamaria, Samit Bhatheja, Vishal Kapur, Choudhury Hasan, Joseph Sweeny, Usman Baber, Roxana Mehran, Gregg W. Stone, Samin K. Sharma, Mount Sinai Hospital, New York, NY, USA

1:40 p.m.

Question and Answer

**Interventional Cardiology - Live Cases**

**Session #204**

**Interventional Live Case Session IV: Coronary Transmission from Piedmont Heart Institute at Piedmont Atlanta Hospital in Atlanta, GA**

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

B1 North (Main Tent)

CME Hours: 1.25 / CNE Hours:

Co-Chair: Roxana Mehran

Co-Chair and Digital Moderator: Mamas A. Mamas

Panelist: Shrilla Banerjee

Panelist: Cindy L. Grines

Panelist: Sohah Iqbal

Panelist: Salvatore F. Mannino

Panelist: Ehtisham Mahmud

Panelist: Habib Samady

**Interventional Cardiology - Scientific**

**Session #691**

**I'm Stuck: Complex PCI - Solutions to Common Problems**

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Room S102c

CME Hours: 1.25 / CNE Hours:

Co-Chair: Mina Madan

Co-Chair: Emmanouil S. Brilakis

Panelist: Carlos Garcia Lithgow

Panelist: Ahmed Magdy

Panelist: Asad Z. Pathan

Panelist: Afzalur Rahman

12:30 p.m.

This Guide Is Terrible! (How I Choose Guides And What I Do if I Choose The Wrong One)

Sarah Zaman

Berwick, Australia

12:38 p.m.

Panel Discussion With Audience Question and Answer

12:45 p.m.

I Can't Wire This Crazy Angulation! (Getting Wires Through Tortuosity, Difficult Vessel Angulations And Sidebranches)

Emmanouil S. Brilakis

Minneapolis, MN

12:53 p.m.

Panel Discussion With Audience Question and Answer

1:08 p.m.

Panel Discussion With Audience Question and Answer

1:15 p.m.

My Guide Extension Isn't Helping! (Getting The Most Out of Guide Extensions)

Duane S. Pinto

Boston, MA

1:23 p.m.

Panel Discussion With Audience Question and Answer

1:30 p.m.

The Most Common CTO PCI Moves That I Use in Routine PCI

Kevin J. Croce

West Roxbury, MA

12:30 p.m.

Panel Discussion With Audience Question and Answer

**Interventional Cardiology - Scientific**

**Session #692**

**The Expanding Frontiers of Endovascular Therapy: Updates From the Experts**

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Room S103b

CME Hours: 1.25 / CNE Hours:

Co-Chair: David C. Metzger

Co-Chair: Sahil A. Parikh

Panelist: Gary M. Ansel

Panelist: Connie Ng Hess

Panelist: Sasanka N. Jayasuriya

Panelist: Mehdi H. Shishehbor

12:30 p.m.

The Year in Peripheral Intervention

David C. Metzger

Kingsport, TN

12:37 p.m.

DVT Treatment in 2020: Who Do I Select And How Do I Treat?

Ido Weinberg

Boston, MA

12:44 p.m.

Panel Discuss With Audience Question and Answer

12:48 p.m.

Consult For Submassive PE: Catheter-Based Interventions - Which Patient And Which Devices?

Kenneth Rosenfield

Boston, MA

12:55 p.m.

Panel Discuss With Audience Question and Answer

12:59 p.m.

Contemporary Treatment of CLI: Primary Access, New Devices And Better Outcomes

Mehdi H. Shishehbor

Pepper Pike, OH

1:06 p.m.

Panel Discuss With Audience Question and Answer

1:10 p.m.

The Future of SFA Interventions: Detours, Drugs And Devices

Gary M. Ansel

Columbus, OH

1:17 p.m.

Panel Discuss With Audience Question and Answer

1:21 p.m.

How Do I Choose My Stents For Infra-Iguinal Intervention: From Eluvia to Supera



Sahil A. Parikh  
New York, NY

1:28 p.m.  
Panel Discuss With Audience Question and Answer

1:32 p.m.  
What Is in Store For 2021? The Future of Endovascular Intervention  
Herbert D. Aronow  
East Greenwich, RI

1:39 p.m.  
Panel Discuss With Audience Question and Answer

**Interventional Cardiology - Boot Camp**

**Session #693**

**Fellows Bootcamp: Structural**

**Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.**

**Room S103d**

**CME Hours: 1.25 / CNE Hours:**

Co-Chair: Megan Coylewright  
Co-Chair: Molly Szerlip  
Panelist: Marian Hawkey

12:30 p.m.  
TAVR: Past, Present, Future, And Structural Program Building  
Kimberly A. Skelding  
Tuscaloosa, AL

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

12:42 p.m.  
Mitral Valve Interventions  
Anita W. Asgar  
Outremont, Canada

12:49 p.m.  
Panel Discussion With Audience Question and Answer

12:54 p.m.  
Interventions For Stroke Prevention: PFO/LAA Closure  
Jacqueline W. L. Saw  
Vancouver, Canada

1:01 p.m.  
Panel Discussion With Audience Question and Answer

1:06 p.m.  
Imaging And Planning For Structural Heart Disease Interventions  
Dee Dee Wang  
Detroit, MI

1:13 p.m.  
Panel Discussion With Audience Question and Answer

1:18 p.m.  
Tricuspid And Other Emerging Structural Interventions  
Erin Fender  
Kennett Square, PA

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

1:30 p.m.  
The Future of Structural Heart: Surgeon's Perspective  
Stephanie Lynn Mick  
New York, NY

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

**Interventional Cardiology - Scientific**

**Session #694**

**Complex Delimmas in Valve Disease**

**Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.**

**Room S104b**

**CME Hours: 1.25 / CNE Hours:**

Co-Chair: Stanley J. Chetcuti  
Co-Chair: Basel Ramlawi  
Panelist: Marvin H. Eng  
Panelist: Margaret (Mae) Koes  
Panelist: Philippe Genereux  
Panelist: Anuradha Tunuguntla

12:30 p.m.  
Aortic Stenosis And Multivessel CAD: PCI/TAVR or CABG/SAVR?  
Gilbert Hin-Lung Tang  
New York, NY

12:38 p.m.  
Panel Discussion With Audience Question and Answer

12:43 p.m.  
Bicuspid Valve And Ascending Aorta Dilation: When Is SAVR Preferred?"  
Nimesh Desai  
Philadelphia, PA

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

12:56 p.m.  
Severe AS and MR: When is Surgery best vs. TAVR and Mitraclip?  
Rahul Sharma  
Roanoke, VA

1:04 p.m.  
Panel Discussion With Audience Question and Answer

1:09 p.m.  
Severe MR With Concomitant Tricuspid Insufficiency: MV/TV Repair vs.  
MitraClip Alone  
Isaac George  
New York, NY

1:17 p.m.  
Panel Discussion With Audience Question and Answer

1:22 p.m.  
Atrial Fibrillation With Severe Aortic Stenosis: SAVR/MAZE vs TAVR Only  
Amar Krishnaswamy  
Cleveland, OH

1:30 p.m.  
Pacemakers in TAVR: Does Deployment Technique Matter?  
Hemal Gada  
Mechanicsburg, PA

1:38 p.m.  
Panel Discussion With Audience Question and Answer





**Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) -  
Moderated Poster Contributions  
Session #1053**

**CMR for Diagnosis and Prognosis in Various Disease States**

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Non Invasive Imaging Moderated Poster Theater, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Marcus Y. Chen

ACC Poster Moderator: Anthon Fuisz

12:30 p.m.

INFLUENCE OF SEX ON THE PROGNOSTIC IMPACT OF CARDIAC MAGNETIC  
RESONANCE IMAGING QUANTIFICATION OF FUNCTIONAL MITRAL  
REGURGITATION IN PATIENTS WITH NON-ISCHEMIC CARDIOMYOPATHY  
Duygu Kocvigit, Nishant Shah, Jennifer Bullen, Sophia Downey, Nancy  
Obuchowski, Nathaniel Lee, W.H. Wilson Tang, Brian P. Griffin, Scott D.  
Flamm, Deborah Kwon, Sydel and Arnold Miller Family Heart and Vascular  
Institute, Cleveland Clinic, Cleveland, OH, USA, Imaging Institute, Cleveland  
Clinic, Cleveland, OH, USA

12:40 p.m.

Question and Answer

12:45 p.m.

ATHEROSCLEROTIC ABDOMINAL AORTIC PLAQUE IS ASSOCIATED WITH ALL-  
CAUSE MORTALITY AND CARDIOVASCULAR DISEASE EVENTS

Saadia Qazi, Philimon N. Gona, Christopher J. O'Donnell, Warren J. Manning,  
Michael L. Chuang, Beth Israel Deaconess Medical Center, Boston, MA, USA,  
University of Massachusetts Medical Center, Worcester, MA, USA

12:55 p.m.

Question and Answer

1:00 p.m.

REAPPRAISAL OF CARDIAC MAGNETIC RESONANCE IN LEFT VENTRICULAR  
NON-COMPACTION: NEW INSIGHTS FROM A LARGE, LONGITUDINAL STUDY

Jay Ramchand, Pooja Podugu, Michael Chetrit, Serge Harb, Alex Milinovich,  
Brian P. Griffin, Leslie Cho, Scott D. Flamm, Wai Hong Wilson Tang, Deborah  
Kwon, Cleveland Clinic Foundation, Cleveland, OH, USA

1:10 p.m.

Question and Answer

1:15 p.m.

FEATURE TRACKING MYOCARDIAL STRAIN INCREMENTALLY IMPROVES  
PROGNOSTICATION IN MYOCARDITIS BEYOND TRADITIONAL CMR FEATURES

Christoph Gräni, Kady Fischer, Sarah J. Obrist, Sophie A. Erne, Anselm W.  
Stark, Kyoichi Kaneko, Dominik P. Guensch, Adrian T. Huber, Simon Greulich,  
Ayaz Aghayev, Michael L. Steigner, Ron Blankstein, Raymond Y. Kwong,  
Cardiovascular Division, Department of Medicine, Brigham and Women's  
Hospital, Boston, MA, USA, Department of Cardiology, Bern University  
Hospital, Inselspital, University of Bern, Bern, Switzerland

1:25 p.m.

Question and Answer

1:30 p.m.

MYOCARDIAL T2-MAPPING PREDICTS ADVERSE CARDIAC EVENTS IN HEART  
TRANSPLANTATION PATIENTS

Muhammad Abbasi, Roberto Sarnari, Kongkiat Chaikriangkrai, Arif Jivan, Julie  
Blaisdell, Kambiz Ghafourian, Sadiya Khan, Jane Wilcox, Esther E. Vorovich,  
Daniel C. Lee, Allen S. Anderson, Jonathan Rich, Clyde W. Yancy, James C.  
Carr, Michael Markl, Northwestern University, Chicago, IL, USA

1:40 p.m.

Question and Answer

**Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) -  
Scientific**

**Session #689**

**What Is the Point of 'Cardiac Point of Care' Ultrasound Around the  
World? - A "Global Health Spoken Here" Session**

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Room S501a

CME Hours: 1.25 / CNE Hours:

Co-Chair: James N. Kirkpatrick

Co-Chair: Ferande Peters

12:30 p.m.

POCUS Is More Than You Think! What Is It And How to Learn It?

Amer Johri

Melrose, MA

12:40 p.m.

Critical Care Echocardiography: It Has Arrived. What Is It?

Arthur J. Labovitz

Tampa, FL

12:50 p.m.

Cardiac POCUS Training in The Developing World

Ana Olga Mocumbi

Maputo, Mozambique

1:00 p.m.

Case Presentation: A Cautionary Tale-- POCUS Misled Clinicians

Tiffany Chen

Philadelphia, PA

1:10 p.m.

A Success Story, POCUS Saved a Life

Sulafa K.M. Ali

Khartoum, Sudan

1:15 p.m.

Debate Pro: Cardiologists Should Play a Major Role in Training Non-Cardiac  
Clinicians in Cardiac Ultrasound

Sharon L. Mulvagh

Halifax, Canada

1:23 p.m.

Debate Con: Cardiologists Should Play a Major Role in Training Non-Cardiac  
Clinicians in Cardiac Ultrasound

Richard A. Grimm

Cleveland, OH

1:31 p.m.

Question and Answer

**Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) -  
Scientific**

**Session #690**

**New Frontiers in Multimodality Imaging of Aortic Stenosis**

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Room S502b

CME Hours: 1.25 / CNE Hours:

Co-Chair: Victoria Delgado

Co-Chair: Gaby Weissman

12:30 p.m.

Aortic Stenosis After The Low Risk Trials: What Are The Questions to Be  
Answered Now

Kendra Grubb

Atlanta, GA



12:40 p.m.

Understanding The Stenotic Aortic Valve: The Role of PET

Nishant R. Shah

Providence, RI

12:50 p.m.

Don't Forget About The Myocardium in Aortic Stenosis: Insights From CMR

James C. Moon

London England W1G 8PH, United Kingdom

1:00 p.m.

Paradoxical Low Flow Low Gradient Severe AS: Understanding The

Conundrum

Philippe Pibarot

Quebec, Canada

1:10 p.m.

My Most Challenging Cases: CT Planning For TAVR

Hasan Jilaihawi

New York, NY

1:20 p.m.

Imaging Post TAVR Valve Implantation: The Challenge of Leaflet Thickening

Jonathon Leipsic

Vancouver, Canada

1:30 p.m.

Panel Discussion

#### Prevention - Moderated Poster Contributions

##### Session #1054

#### Cardiovascular Disease Prevention: Learning from RCTs and Their Applications in Practice

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Prevention Moderated Poster Theater, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Eliot Brinton

ACC Poster Moderator: Anwar Santoso

12:30 p.m.

APPLICATION OF THE TIMI HEART FAILURE RISK SCORE TO THE EMPA-REG OUTCOME POPULATION

Subodh Verma, Abhinav Sharma, Bernard Zinman, Anne Pernille Ofstad, David Fitchett, Martina Brueckmann, Christoph Wanner, Isabella Zwiener, Jyothis T. George, Silvio E. Inzucchi, Javed Butler, C David Mazer, St. Michael's Hospital, University of Toronto, Toronto, Canada, Boehringer Ingelheim International GmbH, Ingelheim, Germany

12:40 p.m.

Question and Answer

12:45 p.m.

EFFECTS OF CANAGLIFLOZIN ON CARDIOVASCULAR, RENAL AND SAFETY OUTCOMES BY BASELINE LOOP DIURETIC USE: DATA FROM THE CREDENCE TRIAL

Brendon Neuen, Kenneth Mahaffey, Christopher P. Cannon, Meg Jardine, Hiddo L. Heerspink, Bruce Neal, Clare Arnott, Zien Zhou, David M. Charytan, Rajiv Agarwal, George L. Bakris, Dick De Zeeuw, Tom Greene, Adeera Levin, David C. Wheeler, Norman Rosenthal, Hong Zhang, Bernard Zinman, Vlado Perkovic, Carol Pollock, The George Institute for Global Health, UNSW Sydney, Sydney, Australia

12:55 p.m.

Question and Answer

1:00 p.m.

6 MONTHLY INCLISIRAN AND ATHEROGENIC LIPOPROTEIN REDUCTIONS IN ORION-11

Kausik Kumar Ray, David Kallend, Wolfgang Koenig, Lawrence Leiter, Frederick Raal, Scott Wright, Peter Wijngaard, John J. P. Kastelein, Imperial College London, London, United Kingdom

1:10 p.m.

Question and Answer

1:15 p.m.

ALIROCUMAB AND CARDIOVASCULAR OUTCOMES IN WOMEN AFTER AN ACUTE CORONARY SYNDROME: AN ODYSSEY OUTCOMES TRIAL ANALYSIS

Vera Bittner, Jennifer McGinniss, Gregory G. Schwartz, Deepak Bhatt, Terrance Chua, H. Asita de Silva, Rafael Diaz, Maria Dorobantu, Shaun Goodman, Robert A. Harrington, Johan Wouter Jukema, Yong-Un Kim, Robert Pordy, Matthew Roe, Michael Szarek, Harvey White, Andreas M. Zeiher, Philippe Gabriel Steg, for the ODYSSEY OUTCOMES Investigators, University of Alabama at Birmingham, Birmingham, AL, USA, Bichat Hospital, Paris, France

1:25 p.m.

Question and Answer

1:30 p.m.

ELIGIBILITY AND COST OF LOW-DOSE RIVAROXABAN BASED ON COMPASS TRIAL: *INSIGHTS FROM THE VETERANS AFFAIRS HEALTHCARE SYSTEM*

Akash Kataruka, Dhruv Mahtta, Julia M. Akeroyd, Ravi S. Hira, Dhruv Kazi, John A. Spertus, Deepak Bhatt, Laura Petersen, Christie M. Ballantyne, Salim S. Virani, Michael E. DeBaakey Veterans Affairs Medical Center, Houston, TX, USA

1:40 p.m.

Question and Answer

#### Prevention - Scientific

##### Session #695

#### Hypertension Guidelines: Do They Vary Across the World as Much as My Blood Pressure Has Today?

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Room S402b

CME Hours: 1.25 / CNE Hours:

Co-Chair: Sandra Taler

Co-Chair: Paul Whelton

12:30 p.m.

The Nuts And Bolts of The 2017 ACC/AHA Guidelines

Paul Muntner

Birmingham, AL

12:40 p.m.

The 2017 ACC/AHA Guidelines- Unanswered Questions And Unquestioned Answers

Robert M. Carey

Charlottesville, VA

12:50 p.m.

A "NICE" Twist in The Tale of Hypertension Management?- a Debate- Pro European Guideline/ Con US Guideline

Anthony S. Wierzbicki

London, United Kingdom

1:00 p.m.

A "NICE" Twist in The Tale of Hypertension Management?- a Debate- Pro US Guideline/ Con European Guideline

George L. Bakris

Chicago, IL



1:10 p.m.

BP Monitoring- From The Clinic to The Barbershop to Your Home- The Apps  
And Ad-vances Keep Rolling on  
LaPrincess Brewer  
Rochester, MN

1:20 p.m.

BP Management in Most of The World- How Do You Make The Most With  
Limited Op-tions  
Dorairaj Prabhakaran

1:30 p.m.

Question and Answer

**Pulmonary Hypertension - Scientific**

**Session #696**

**Working Out Exercise Hemodynamics in Pulmonary Hypertension**

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Room S405b

CME Hours: 1.25 / CNE Hours:

Co-Chair: Myung H. Park

Co-Chair: Alejandro Horacio Meretta

12:30 p.m.

Case Presentation:

Chakradhari Inampudi  
Nashville, TN

12:35 p.m.

Back to Basics: Normal Pulmonary Hemodynamics (Pressure-Flow  
Relationship) & Where Next in Pulmonary Hypertension

Bradley Maron  
Boston, MA

12:48 p.m.

Conventional vs. Invasive Cardiopulmonary Exercise Testing: Who Gets What,  
And Why  
Gregory D. Lewis  
Boston, MA

1:01 p.m.

Exercise Induced Pulmonary Hypertension (Devil in The Mask) – Exercise,  
Medications or Combination, The Perfect Soup to Unmask The Devil  
Marco Guazzi  
Milano, Italy

1:14 p.m.

Risk Stratification & Management of Exercise Induced Pulmonary  
Hypertension  
Jennifer Ho  
Boston, MA

1:27 p.m.

Panel Discussion with Audience Question and Answer

Panelist: Marco Guazzi

Panelist: Jennifer Ho

Panelist: Gregory D. Lewis

Panelist: Bradley A. Maron

**Special - Special**

**Session #105**

**Cardiac Failure in 2020: Cardiovascular Update for the Clinician III --  
A Symposium by Valentin Fuster**

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Room S401a

CME Hours: 1.25 / CNE Hours:

Chair: Valentin Fuster

Panelist: Y. S. Chandrashekhara

Panelist: G. William Dec, JR

Panelist: Lynne Warner Stevenson

12:30 p.m.

Evolving Imaging (MR, Echo, PET): Role in 8 Myocardial Entities: Myocarditis,  
HFrEF, HFpEF, HCM, Amyloid, NCLV, Sarcoid, Takotsubo

Y. S. Chandrashekhara

Minneapolis, MN

12:50 p.m.

Clinical / Therapeutic Approaches to 4 Myocardial Entities: Acute/Subacute  
Myocarditis, HFrEF, Amyloid, Sarcoid

William Dec

Washington, DC

1:10 p.m.

Transplantation vs LVAD: Who?, How?, When?

Lynne Warner Stevenson

Nashville, TN

1:30 p.m.

Panel Discussion

**Special - Moderated Poster Contributions**

**Session #1056**

**The Bold and the Beautiful: Unusual Interventional Cases**

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

FIT Clinical Decision Making Moderated Poster Theater 1, Posters,  
Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Chirag Bavishi

ACC Poster Moderator: C. Huie Lin

12:30 p.m.

A RARE COMPLICATION OF A COMMON PROCEDURE: PULMONARY ARTERY  
PSEUDOANEURYSM SECONDARY TO RIGHT HEART CATHETERIZATION  
Ivan Pena, North Shore University Hospital - Northwell Health, Manhasset,  
NY, USA

12:40 p.m.

Question and Answer

12:45 p.m.

VANISHING PERICARDIAL EFFUSION AFTER CPR

Abdulrahman S. Museedi, Mustafa Al Qaysi, Aazib Khan, Rushit Kanakia,  
University of Texas Health Science Center at San Antonio, San Antonio, TX,  
USA

12:55 p.m.

Question and Answer

1:00 p.m.

ZERO CONTRAST APPROACH FOR MANAGEMENT OF SEVERE IN-STENT  
RESTENOSIS USING INTRAVASCULAR ULTRASOUND GUIDED LASER  
ATHERECTOMY AND BRACHYTHERAPY IN A PATIENT WITH CONTRAST  
INDUCED NEPHROPATHY



Joe Aoun, Apurva Patel, Isaac Tea, Hasan Rehman, Alpesh Shah, Houston Methodist Hospital, Debaquey Heart & Vascular Center, Houston, TX, USA

1:10 p.m.

Question and Answer

1:15 p.m.

AN UNUSUAL CASE OF A LEFT TO RIGHT SHUNT

Sophia Larson, Creighton W. Don, Andrew Cheng, University of Washington School of Medicine, Seattle, WA, USA, VA Puget Sound Health Care System, Seattle, WA, USA

1:25 p.m.

Question and Answer

1:30 p.m.

TRANSEPTAL VSD CLOSURE IN A PATIENT WITH MECHANICAL AORTIC AND TRICUSPID VALVES

Kevin Leung, Hardik M. Bhansali, Nicholas Ghiloni, Luis Alonso Hernandez Mejia, Nader Hanna, Eduardo Perez, Diana Miranda Ruiz, Jose Sleiman, Roberto J. Cubeddu, Elsy Navas, Cleveland Clinic Florida, Weston, FL, USA

1:40 p.m.

Question and Answer

#### Special - Moderated Poster Contributions

##### Session #1057

##### Cardiac Tumors

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

FIT Clinical Decision Making Moderated Poster Theater 2, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Richard Kar-Hang Cheng

ACC Poster Moderator: Jennifer Rymer

12:30 p.m.

WHEN IS A BENIGN CARDIAC TUMOR NOT SO BENIGN? A CASE OF VENTRICULAR TACHYCARDIA CAUSED BY A CARDIAC HAMARTOMA

Zekun Feng, Daniel Philipson, Jamar P. Uzzell, Ashley Stein-Merlob, Eric H. Yang, Holly Middlekauff, Ryan P. Lau, Gregory A. Fishbein, Jason Bradfield, Olujimi Adeoluwa Ajijola, UCLA Department of Medicine, Division of Cardiology, Los Angeles, CA, USA, UCLA Department of Pathology and Laboratory Medicine, Los Angeles, CA, USA

12:40 p.m.

Question and Answer

12:45 p.m.

NOT ALL BEST LAID PLANS GO AWRY: THE BENEFIT OF COMPLEX PRENATAL PLANNING IN A RARE CASE OF CARDIAC HEMANGIOMA

Megan Childress, Samyr Elbadri, Robert Egerman, Himesh Vyas, Connie Nixon, Mark Bleiweis, Jennifer Co-Vu, University of Florida, Gainesville, FL, USA

12:55 p.m.

Question and Answer

1:00 p.m.

ACUTE BIVENTRICULAR FAILURE: CORONARY ARTERY OCCLUSION DUE TO CARDIAC ANGIOSARCOMA

Michelle Lee, Astrid Serauto, Natalie Chen, An Dinh, Stephanie Nguyen, Ali Agha, Zhao Bihong, Cezar Iliescu, Memorial Hermann Heart and Vascular Institute, Houston, TX, USA

1:10 p.m.

Question and Answer

1:15 p.m.

VASCULAR IMPLICATIONS OF ATRIAL MYXOMAS

Justin Johannesen, Arjun Theertham, Ikenna Erinne, Abdul Hakeem, Rutgers Robert Wood Johnson, New Brunswick, NJ, USA

1:25 p.m.

Question and Answer

1:30 p.m.

MASSON TUMOR IN THE LEFT ATRIAL APPENDAGE (LAA) PRESENTING AS CARDIOEMBOLIC CEREBRAL INFARCTION

Yogamaya Mantha, Rakushumimari Harada, Andrew Assaf, Michinari Hieda, Mark Feldman, Darryl Kawalsky, Texas Health Presbyterian Hospital, Dallas, TX, USA, Institute of Exercise and Environmental Medicine, University of Texas Southwestern Medical Center, Dallas, TX, USA

1:40 p.m.

Question and Answer

#### Special - Moderated Poster Contributions

##### Session #1058

##### Innovations in Electrophysiology

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

FIT Clinical Decision Making Moderated Poster Theater 3, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Salma Baksh

ACC Poster Moderator: Bharath Rajagopalan

12:30 p.m.

WEARABLE TECHNOLOGY AND ITS ROLE IN DETECTION OF ABNORMAL HEART RHYTHMS

Vijay Pratap Singh, Swaiman Singh, Alexis Okoh, Harleen Bhatti, Guneive Kaur Mangat, Harpran Singh Deol, Gurvijay Singh Bains, Affan Farooq, Gurdarshan Singh Sandhu, Sunny Singh, The Wright Center for Graduate Medical Education, Scranton, PA, USA, RWJ Barnabas Health, Newark, NJ, USA

12:40 p.m.

Question and Answer

12:45 p.m.

ATRIAL FIBRILLATION OR UNSTABLE ANGINA? UTILIZATION OF A NOVEL AMBULATORY RHYTHM MONITOR TO DIAGNOSE ACS

Abhinav Nair, Alec Vishnevsky, Daniel Frisch, Thomas Jefferson University Hospital, Philadelphia, PA, USA

12:55 p.m.

Question and Answer

1:00 p.m.

NOVEL APPLICATION FOR LEADLESS PACEMAKER IN CERVICAL SPINAL CORD INJURY

Yang Ronghua, Anoshia Raza, Anthony Lucev, Christine M. Gerula, Emad Aziz, Rutgers New Jersey Medical School, Newark, NJ, USA

1:10 p.m.

Question and Answer

1:15 p.m.

SUCCESSFUL RADIOFREQUENCY ABLATION OF SYMPTOMATIC PREMATURE VENTRICULAR COMPLEXES ORIGINATING FROM A RUPTURED PAPILLARY MUSCLE CHORD IN BARLOW'S MITRAL VALVE DISEASE

Steven Song, Karina Mill, Matthew Roby, Carl Musser, Virginia Tech Carilion School of Medicine, Roanoke, VA, USA, Carilion Clinic Cardiovascular Institute, Roanoke, VA, USA

1:25 p.m.





Question and Answer

1:30 p.m.

EPICARDIAL PASSIVE FIXATION DEFIBRILLATION COIL USING A DURATA LEAD:  
A UNIQUE APPROACH TO OVERCOMING HIGH DEFIBRILLATION THRESHOLD  
Andrew Vu, Glenn Egrie, Richard Hongo, California Pacific Medical Center,  
San Francisco, CA, USA

1:40 p.m.

Question and Answer

**Special - Moderated Poster Contributions**

**Session #1059**

**Assessment and Innovation in Cardiovascular Medical Education:  
Impacting Patient Outcomes**

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Spotlight on Special Topics Moderated Poster Theater, Posters, Hall  
A

CME Hours: / CNE Hours:

ACC Poster Moderator: Sanjeev A. Francis

ACC Poster Moderator: Chittur A. Sivaram

12:30 p.m.

RELATIONSHIP BETWEEN PATIENT OUTCOMES AND TIME OF THE YEAR IN  
THE CARDIAC CATHETERIZATION LAB: INSTITUTIONAL DATA FROM THE  
NATIONAL CARDIOVASCULAR DATA REGISTRY (NCDR)  
Saad Sultan Ghuman, Sami Ibrahim, Michael Ragosta, Angela Taylor, Nancy  
Fauber, University of Virginia, Charlottesville, VA, USA

12:40 p.m.

Question and Answer

12:45 p.m.

IMPACT OF A STRUCTURED QUALITY IMPROVEMENT FRAMEWORK ON  
PROJECT OUTPUT IN A CARDIOLOGY FELLOWSHIP PROGRAM  
Arindam Sharma, Prakrity Urja, Aiman Miloud Smer, Venkata Andukuri,  
Venkata Alla, Creighton University School of Medicine, Omaha, NE, USA

12:55 p.m.

Question and Answer

1:00 p.m.

IMPACT OF A CARDIOLOGY FELLOWSHIP NIGHT FLOAT SYSTEM ON LENGTH  
OF STAY AND DOOR TO BALLOON TIME  
Kaitlyn Ibrahim, Daniel Edmundowicz, Pravin Patil, Temple University  
Hospital, Philadelphia, PA, USA

1:10 p.m.

Question and Answer

1:15 p.m.

DEBUNKING THE JULY EFFECT IN TRANSCATHETER INTERVENTIONS IN  
STRUCTURAL HEART DISEASE: MYTH OR TRUTH? IMPLICATIONS ON  
RESIDENT CLINICAL TRAINING IN THE CURRENT ERA  
Sameer Hirji, Supreet Singh, Alexis Okoh, Alexandra Malarczyk, Edward Percy,  
Morgan Harloff, Ahmed Kolkailah, Cheryl Zogg, Emefah Loccoh, Farhang  
Yazdchi, Mark Russo, Pinak Shah, Patrick O'Gara, Tsuyoshi Kaneko, Brigham  
and Women's Hospital, Boston, MA, USA

1:25 p.m.

Question and Answer

1:30 p.m.

ENHANCING RESIDENT COMPETENCY ASSESSMENTS IN TRANSTHORACIC  
ECHOCARDIOGRAPHY  
Jennifer Amadio, Sherryn Rambihar, Stephen Sozio, Ryan Brydges, Gillian  
Nesbitt, University of Toronto, Toronto, Canada

1:40 p.m.

Question and Answer

**Special - Special**

**Session #106**

**Cardio-Oncologic Lexicon and Pearls For the Cardiovascular  
Specialist: Pharmacology Session III**

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Room S403b

CME Hours: 1.25 / CNE Hours:

Co-Chair: Carrie Geisberg Lenneman

Co-Chair: Hansie Marie Mathelier

12:30 p.m.

Cardiovascular Consequences of Contemporary Cancer Therapy  
Michael Fradley  
Tampa, FL

12:50 p.m.

Pearls For Cardiotoxicity Management Surveillance And Management: Case  
Based Learning  
Daniela Cardinale  
Milan, Italy

1:02 p.m.

Audience ARS Question: Audience Question For Case Presentation  
Daniela Cardinale  
Milan, Italy

1:05 p.m.

Key Drug-Drug Interactions And Off Target CV Effects of Oncologic Therapies:  
Case Based Learning  
Sarah Zukkoor  
Wauwatosa, WI

1:17 p.m.

Audience ARS Question: Audience Question for Case Presentation  
Sarah Zukkoor  
Wauwatosa, WI

1:20 p.m.

Question and Answer

**Special - Events and Meetings**

**Session #5009**

**Beating 'BURNOUT' and promoting 'WELLNESS' Early in Your Career**

Sunday, March 29, 2020, 12:30 p.m. - 1:30 p.m.

Early Career Lounge - Lounge & Learn, Hall B

CME Hours: / CNE Hours:

Chair: Poonam Velagapudi

12:30 p.m.

'Wellness Sessions' at ACC meetings- How it all started and how it helps  
mitigate burnout among early careers?!

Julie M. Clary  
Zionsville, IN

12:40 p.m.

PRACTICE Wellness for the individual, the institution and the organization-  
what we did and are doing at the early career section!

Scott M. Lilly  
Columbus, OH

12:50 p.m.

How we use DIGITAL TECHNOLOGY for Wellness



Kapil Parakh  
Washington, DC

1:00 p.m.  
The Wellness Toolkit- Why & How to create one and use one  
Poonam Velagapudi  
Omaha, NE

1:10 p.m.  
Panel Discussion

**Special - Events and Meetings**

**Session #5014**

**Publishing in High Impact Journals**

Sunday, March 29, 2020, 12:30 p.m. - 1:15 p.m.

FIT Lounge - Lounge & Learn, Hall B

CME Hours: / CNE Hours:

Chair: James C. Fang

**Special - Special**

**Session #697**

**WIC Lunchtime Symposium: #Sheroes: Captain Marvels, Wonder Women, SpiderWomen, Purls, & Men Who Save Lives Beside Them as Women in Cardiology**

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Grand Ballroom S100a

CME Hours: 0 / CNE Hours:

Co-Chair: Suzanne Feigofsky

Co-Chair: Sherry-Ann Brown

12:30 p.m.  
Welcome & Introductions  
Sherry-Ann Brown  
Rochester, MN

12:35 p.m.  
Welcome & Introductions  
Suzanne Feigofsky  
Carroll, IA

12:40 p.m.  
Purl Clips & Panel/Audience Discussion  
Mohammad-Ali Jazayeri  
Kansas City, KS

12:55 p.m.  
Captain Marvel Clips & Panel/Audience Discussion  
Dawn Carol Scantlebury  
St Michael, Barbados

1:10 p.m.  
Wonder Woman Clips & Panel/Audience Discussion  
Robert A. Harrington  
Stanford, CA

1:25 p.m.  
SpiderWoman Clips & Panel/Audience Discussion  
Jane A. Linderbaum  
Rochester, MN

1:40 p.m.  
Summary/Closing

**Special - Special**

**Session #698**

**Precision Medicine Comprehensive**

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Grand Ballroom S100c

CME Hours: 1.25 / CNE Hours:

Co-Chair: Regina S. Druz

Co-Chair: John S. Rumsfeld

12:30 p.m.  
Welcome  
Regina S. Druz  
Roslyn Heights, NY

12:35 p.m.  
Precision Medicine Rx: Lets' Connect The Dots of Patient-Centered Universe!  
Regina S. Druz  
Roslyn Heights, NY

12:45 p.m.  
Key Opinion Leaders Debate: Are We There Yet For Genomic Risk Prediction?  
(Pro)  
Sekar Kathiresan  
Newton, MA

12:50 p.m.  
Key Opinion Leaders Debate: Are We There Yet For Genomic Risk Prediction?  
(Con)  
Ethan Weiss  
San Francisco, CA

12:55 p.m.  
Human Genes Meet Machines: Integrating Machine Learning And Genomics to Gain Valuable Insights  
Steven Lubitz  
Boston, MA

1:05 p.m.  
Let's Say "OM" For Microbiome: Leveraging Advanced Biomarkers Into Personalized Risk Prediction  
Stanley L. Hazen  
Cleveland, OH

1:15 p.m.  
Panel Discussion: Is It Time For "Omics" in Clinical Practice?

Panelist: Akl C. Fahed  
Panelist: Salim Hayek  
Panelist: John S. Rumsfeld

1:25 p.m.  
How Can We Provide Personalized Post-MI Care?: Digital Health Tools Hit a Home Run (Live Demonstration)  
Seth Shay Martin  
Baltimore, MD

1:35 p.m.  
How Can We Provide Personalized Cardiac Imaging Diagnostics?: Focus on POCUS  
Partho P. Sengupta  
Morgantown, WV



**Valvular Heart Disease - Scientific**

**Session #699**

**Mitral Regurgitation in Heart Failure: Better Medical Therapy or Just Clip It?**

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Room S503b

CME Hours: 1.25 / CNE Hours:

Co-Chair: Mayra E. Guerrero

Co-Chair: Catherine M. Otto

Panelist: Khung Keong Yeo

12:30 p.m.

Case Presentation: Mitral Regurgitation in a Heart Failure Patient. Patient With Dilated Cardiomyopathy, Heart Failure And Secondary MR (Moderate to Severe)

Andrew Harris

Seattle, WA

12:35 p.m.

Debate Pro: Severe Is Severe? We Should Use The Same Definition For Primary And Secondary Mitral Regurgitation

Judy W. Hung

Boston, MA

12:43 p.m.

Debate Con: Severe Is Severe? We Should Use The Same Definition For Primary And Secondary Mitral Regurgitation

Paul A. Grayburn

Dallas, TX

12:51 p.m.

Rebuttal Pro

12:54 p.m.

Rebuttal, Con

12:57 p.m.

Question and Answer

1:04 p.m.

Case Presentation: Patient With Dilated Cardiomyopathy, Heart Failure And Secondary MR (Moderate to Severe) Symptoms And Medical Rx. What to Do Next?

Sheila Liu Klassen

Boston, MA

1:07 p.m.

Debate Pro: Medical Therapy And CRT Are More Effective Than a Mitral Edge-to-Edge Clip For Secondary Mitral Regurgitation

Erwan Donal

Rennes, France

1:15 p.m.

Debate Con: Medical Therapy And CRT Are More Effective Than a Mitral Edge-to-Edge Clip For Secondary Mitral Regurgitation

Blase A. Carabello

Greenville, NC

1:23 p.m.

Rebuttal Pro

1:26 p.m.

Rebuttal Con

1:31 p.m.

Question and Answer

**Vascular Medicine - Moderated Poster Contributions**

**Session #1055**

**Updates in VTE and Stroke**

Sunday, March 29, 2020, 12:30 p.m. - 1:45 p.m.

Valvular Heart Disease and Vascular Medicine Moderated Poster Theater, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Minakshi Biswas

ACC Poster Moderator: Naomi M. Hamburg

12:30 p.m.

THE ABANDONED INFERIOR VENA CAVA FILTER: IS IT A BIG DEAL? IVC FILTER RETRIEVAL RATES AND CLINICAL OUTCOMES OF NON-RETRIEVAL

Jason Rauba, Ufaira Shaik, M. Fuad Jan, Suhail Allaqaband, Tanvir Bajwa, Tonga Nfor, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

12:40 p.m.

Question and Answer

12:45 p.m.

REAL-WORLD MANAGEMENT OF ORAL FACTOR XA INHIBITOR BLEEDING-RELATED HOSPITALIZATIONS WITH ANDEXANET ALFA OR 4 FACTOR PROTHROMBIN COMPLEX CONCENTRATE

Craig I. Coleman, Sherry Danese, Julie Ulloa, Grace Xiao, Belinda Lovelace, University of Connecticut, Storrs, CT, USA, Outcomes Insights, Westlake Village, CA, USA

12:55 p.m.

Question and Answer

1:00 p.m.

DEVELOPMENT OF SEX-STRATIFIED PREDICTION SCORES FOR RECURRENT VENOUS THROMBOEMBOLISM: A DANISH NATIONWIDE COHORT STUDY

Ida Ehlers Albertsen, Mette Sogaard, Samuel Goldhaber, Gregory Piazza, Flemming Skjøth, Thure Filskov Overvad, Torben Bjerregaard Larsen, Peter Brønnum Nielsen, Department of Cardiology, Aalborg University Hospital, Aalborg, Denmark

1:10 p.m.

Question and Answer

1:15 p.m.

ACUTE PULMONARY EMBOLISM DURING PREGNANCY AND PUERPERIUM NATIONAL TRENDS AND OUTCOMES

Islam Elgendy, Mohamed M. Gad, Ahmed M. Mahmoud, Ayman Elbadawi, Eric Secemsky, Manuel Monreal, Ido Weinberg, Carl J. Pepine, Massachusetts General Hospital and Harvard Medical School, Boston, MA, USA

1:25 p.m.

Question and Answer

1:30 p.m.

5 YEAR TRENDS IN RURAL AND RACIAL INEQUITIES IN ISCHEMIC STROKE TREATMENT AND OUTCOMES: AN ANALYSIS OF THE NATIONAL INPATIENT SAMPLE

Gmerice Hammond, Alina Luke, Lauren Elson, Karen Joynt-Maddox, Washington University in St. Louis, St. Louis, MO, USA, Institute for Public Health at Washington University in St. Louis, St. Louis, MO, USA

1:40 p.m.

Question and Answer



**Special - Events and Meetings**

**Session #5015**

**Innovation in Learning in Training and Beyond**

Sunday, March 29, 2020, 1:30 p.m. - 2:30 p.m.

FIT Lounge - Lounge & Learn, Hall B

CME Hours: / CNE Hours:

Chair: Julie B. Damp

**Special - Heart 2 Heart Stage**

**Session #6514**

**Is the Collaborative Maintenance Pathway (CMP) the MOC Assessment Option for You? Hear From Your Colleagues Who Took the CMP in 2019**

Sunday, March 29, 2020, 1:30 p.m. - 2:00 p.m.

Heart 2 Heart Stage - Lounge & Learn, Hall B

CME Hours: / CNE Hours:

1:30 p.m.

MOC Assessment Options: Which One is For You?

**Special - Gaming**

**Session #6007**

**Battle of the States FIT Jeopardy Competition IV**

Sunday, March 29, 2020, 1:45 p.m. - 2:15 p.m.

Engage Studio

CME Hours: 0 / CNE Hours:

Co-Chair: Srinath Adusumalli

Co-Chair: Nkechinyere Nwamaka Ijioma

1:45 p.m.

Group C: winners from Group 7-10

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

**Session #700**

**Current Approaches to Anti-Platelet Therapy For PCI in Acute Coronary Syndromes**

Sunday, March 29, 2020, 2:00 p.m. - 3:30 p.m.

Room S504a

CME Hours: 1.5 / CNE Hours:

Co-Chair: Gilles Montalescot

Co-Chair: L. Kristin Newby

Panelist: John A. Bittl

Panelist: Domenico Gabrielli

Panelist: Christopher B. Granger

Panelist: Nanette Kass Wenger

Panelist: Alan Yean Yip Fong

2:00 p.m.

Case of a Patient With NSTEMI

Hussein Abu Daya

Birmingham, AL

2:06 p.m.

Antiplatelet Therapy in Acute Coronary Syndromes: Where Do We Stand in 2020

Gilles Montalescot

Paris, France

2:16 p.m.

To Load or Not to Load The P2Y12 in The ED: Time Is of The Essence, Load ASAP

Glenn N. Levine

Pearland, TX

2:26 p.m.

To Load or Not to Load The P2Y12 in The ED: Lets Wait Until We Know The Anatomy!

Rasha Al-Lamee

London, United Kingdom

2:36 p.m.

Managing Anti-Platelet Therapy in The Cath Lab: Does One Size Fit All?

Michael J. Rinaldi

Charlotte, NC

2:46 p.m.

Considerations For Long Term Therapy With P2Y12 Inhibitors: What to Use And When to Stop?

Usman Baber

New York, NY

2:56 p.m.

Panel Discussion With Question and Answer

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

**Session #701**

**What's in a Name? Practicalities of the 4th Universal Definition of MI**

Sunday, March 29, 2020, 2:00 p.m. - 3:30 p.m.

Room S505a

CME Hours: 1.5 / CNE Hours:

Co-Chair: Kristian A. Thygesen

Co-Chair: Thad F. Waites

Panelist: Abhinav Goyal

Panelist: James L. Januzzi, JR

Panelist: Michael C. Kontos

Panelist: David A. Morrow

Panelist: Jennifer Rymer

2:00 p.m.

Key Takeaways From The 4th Universal Definition of Myocardial Infarction

David A. Morrow

Boston, MA

2:10 p.m.

Type 2 MI, And Myocardial Injury Without Infarction: What We Don't Know

Can Hurt Our Patients

James L. Januzzi, JR

Wellesley, MA

2:20 p.m.

Cost And Pay-for-Performance Implications of The 4th UDMI For Health Systems

Christine Perez

Washington, DC

2:30 p.m.

New Definitions, New Data: Does This Affect My Coding For The NCDR Registries?

Michael C. Kontos

Glen Allen, VA

2:40 p.m.

Translating The 4th UDMI Into Clinical Documentation For Front-Line Clinicians And Health Systems

Abhinav Goyal

Atlanta, GA

2:50 p.m.

Case Examples

Jennifer Rymer

Durham, NC



3:00 p.m.  
Question and Answer

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

**Session #712**

**Clinical Decision Making in Ischemic Heart Disease: The Evolving Evidence Trail - A Joint Symposium of the American Heart Association and the American College of Cardiology**

Sunday, March 29, 2020, 2:00 p.m. - 3:30 p.m.

Room S406b

CME Hours: 1.5 / CNE Hours:

Co-Chair: Robert A. Harrington

Co-Chair: Athena Poppas

2:00 p.m.  
Review of ISCHEMIA Trials - Main Results  
Judith S. Hochman  
New York, NY

2:20 p.m.  
Understanding the Quality of Life Results in the ISCHEMIA Trials  
John A. Spertus  
Kansas City, MO

2:30 p.m.  
Putting it in Perspective: AVERT, COURAGE, ORBITA, and Beyond  
Ranya N. Sweis  
Chicago, IL

2:45 p.m.  
Taking the Patient's Perspective in Decision Making  
Martha Gulati  
Phoenix, AZ

2:55 p.m.  
Is there an Emerging Role for CCTA in Management of Stable CAD?  
Pamela S. Douglas  
Durham, NC

3:05 p.m.  
Panel Discussion and Audience Q&A

Panelist: Pamela S. Douglas  
Panelist: Martha Gulati  
Panelist: Judith S. Hochman  
Panelist: John A. Spertus  
Panelist: Ranya N. Sweis

**Arrhythmias and Clinical EP - Scientific**

**Session #702**

**Cardiac Resynchronization Therapy Versus Conduction System Pacing: Which One Will Emerge Victorious?**

Sunday, March 29, 2020, 2:00 p.m. - 3:30 p.m.

Room S403b

CME Hours: 1.5 / CNE Hours:

Co-Chair: Roderick Tung  
Co-Chair: Byron Kwock Lee  
Panelist: Yong-Mei Cha  
Panelist: Marc Deyell  
Panelist: Siva K. Mulpuru

2:00 p.m.  
Debate: For Conduction System Pacing  
Roderick Tung  
Chicago, IL

2:15 p.m.

Debate: For CRT  
Siva K. Mulpuru  
Saint Paul, MN

2:30 p.m.  
Rebuttal, Pro  
Roderick Tung  
Chicago, IL

2:35 p.m.  
Rebuttal, Con  
Siva K. Mulpuru  
Saint Paul, MN

2:40 p.m.  
What Is The Future For Conduction Based Pacing And CRT  
Yong-Mei Cha  
Rochester, MN

2:55 p.m.  
Panelist Discussion

**Arrhythmias and Clinical EP - Scientific**

**Session #703**

**Left Atrial Appendage Occlusion/Exclusion Clinical Challenges: A Case Based Approach**

Sunday, March 29, 2020, 2:00 p.m. - 3:30 p.m.

Room S404d

CME Hours: 1.5 / CNE Hours:

Co-Chair: Jonathan Chong Hsu  
Co-Chair: Syed Zahid Jamal  
Panelist: JONG IL CHOI  
Panelist: Diogo Magalhães Cavaco  
Panelist: Bradley P. Knight  
Panelist: Balaji Krishnan  
Panelist: Jennifer Lawton

2:00 p.m.  
ACC Participant  
Anupama Shivaraju  
Chicago, IL

2:00 p.m.  
Case 1: My Patient Has a LAA Device And Needs an Atrial Fibrillation Ablation: Procedural And Post Procedural Challenges  
Jason Rodriguez  
Westchester, IL

2:10 p.m.  
Audience Response System Facilitated Discussion

2:20 p.m.  
Case 2: My Patient Needs Both an Atrial Fibrillation Ablation And LAA Occlusion- What Is The Best Practice  
Kousik Krishnan  
Chicago, IL

2:30 p.m.  
Audience Response System Facilitated Discussion

2:40 p.m.  
Case 3: My Nonvalvular AF Patient Came Back From Cardiac Surgery With LAA Ligation: What Should I Do?  
Devi G. Nair  
Jonesboro, AR

2:50 p.m.





Audience Response System Facilitated Discussion

3:00 p.m.

Case 4: My Patient Received a Watchman For LAAO But Now Has a Residual LAA Leak. What Do I Do Now?

Oliver John D'Silva

Chicago, IL

3:10 p.m.

Audience Response System Facilitated Discussion

**Congenital Heart Disease - Scientific**

**Session #704**

**Pediatric Heart Disease Around the World: What Can We Teach Each Other? - A "Global Health Spoken Here" Session**

Sunday, March 29, 2020, 2:00 p.m. - 3:30 p.m.

Room S105b

CME Hours: 1.5 / CNE Hours:

Co-Chair: Alistair Phillips

Co-Chair: Masood Sadiq

2:00 p.m.

ARS Questions

Alistair Phillips

Cleveland, OH

2:03 p.m.

Epidemiology of CHD Across The Globe: What Is The Real Burden of Disease?

Liesl Zuhlke

Cape Town, South Africa

2:15 p.m.

Noninvasive Imaging of Rheumatic Heart Disease: Who Do We Treat?

Hani Mahmoud-Elsayed

Birmingham, United Kingdom

2:27 p.m.

Training Local Medical Teams Around The Globe to Make An Impact

Bistra Zheleva

Minneapolis, MN

2:39 p.m.

Regionalization of Care: The Only Way to Approach CHD Care in All Resource Settings

Carl L. Backer

Chicago, IL

2:51 p.m.

Innovative Thinking Applied to Teaching, Training And CHD Interventions

Raman Krishna Kumar

Cochin, 682021, India

3:03 p.m.

Panel Discussion

Panelist: Carl L. Backer

Panelist: Raman Krishna Kumar

Panelist: Hani Mahmoud-Elsayed

Panelist: Bistra Zheleva

Panelist: Liesl Zuhlke

**Heart Failure and Cardiomyopathies - Scientific**

**Session #705**

**Myocarditis 2020**

Sunday, March 29, 2020, 2:00 p.m. - 3:30 p.m.

Room S405b

CME Hours: 1.5 / CNE Hours:

Co-Chair: Peter P. Liu

Co-Chair: Guillermo Torre-Amione

Panelist: Ron Blankstein

Panelist: Leslie T. Cooper

Panelist: Karina Auristela Gonzalez Carta

Panelist: Karin Klingel

Panelist: Robb D. Kociol

2:00 p.m.

Case Presentation: Myocarditis

Prashant Rao

Boston, MA

2:00 p.m.

Burden of Myocarditis: Update on Epidemiology And Prognosis

Leslie T. Cooper

Jacksonville, FL

2:12 p.m.

The Many Clinical Faces of Myocarditis

Robb D. Kociol

Milton, MA

2:24 p.m.

Noninvasive Testing Is The Key in Myocarditis

Ron Blankstein

Boston, MA

2:36 p.m.

Myocardial Biopsy Is The Key in Myocarditis

Karin Klingel

Tübingen, Germany

2:48 p.m.

Treating Myocarditis Now, And Looking to The Future

Nisha Aggarwal Gilotra

Ellicott City, MD

3:00 p.m.

Case Discussion and Audience Question and Answer

**Heart Failure and Cardiomyopathies - Scientific**

**Session #706**

**Cardio-Oncology: Today's Standard of Practice**

Sunday, March 29, 2020, 2:00 p.m. - 3:30 p.m.

Room S406a

CME Hours: 1.5 / CNE Hours:

Co-Chair: Ana Barac

Co-Chair: Justin Vader

2:00 p.m.

I Am Trying to Break Your Heart: "Conventional" Chemotherapeutics And Cardiotoxicity

Bonnie Ky

Philadelphia, PA

2:12 p.m.

People Get Ready: Targeted Therapies, Immunotherapies, And Cardiotoxicity

Javid Moslehi

Nashville, TN



2:24 p.m.

Double Trouble: Radiation-Induced Heart Disease

Syed Wamique Yusuf

Houston, TX

2:36 p.m.

Only The Strong Survive: Cardiac Imaging And Monitoring of The Cancer

Patient

Thomas H. Marwick

Melbourne VIC, Australia

2:48 p.m.

Snatch It Back And Hold It: Cardio-Protection in Contemporary Practice

Aarti Asnani

Boston, MA

3:00 p.m.

Panel Discussion And Audience Question and Answer

### Interventional Cardiology - Live Cases

#### Session #205

#### Interventional Live Case Session V: Endovascular Transmission from The Miriam Hospital in Providence, Rhode Island

Sunday, March 29, 2020, 2:00 p.m. - 3:30 p.m.

B1 North (Main Tent)

CME Hours: 1.5 / CNE Hours:

Co-Chair: Subhash Banerjee

Co-Chair and Digital Moderator: Eric Alexander Secemsky

Panelist: Rasha Al-Bawardy

Panelist: Marc P. Bonaca

Panelist: Teresa Carman

Panelist: Jun Li

Panelist: Rahul Sakhuja

Panelist: Stephen W. Waldo

2:00 p.m.

Live Case Operator

Herbert D. Aronow

East Greenwich, RI

2:00 p.m.

Live Case Operator

Omar Hyder

Cranston, RI

2:00 p.m.

Live Case Operator

Peter A. Soukas

Providence, RI

### Interventional Cardiology - Boot Camp

#### Session #709

#### Fellows Bootcamp: Coronary Disease Management

Sunday, March 29, 2020, 2:00 p.m. - 3:30 p.m.

Room S103d

CME Hours: 1.5 / CNE Hours:

Co-Chair: J. Dawn Abbott

Co-Chair: Mauricio G. Cohen

Panelist: Martina Kelly Speight

2:00 p.m.

Access Best Practices: Revisiting The Role For Radial Access (When Entering a  
New Practice)

Kimberly A. Skelding

Tuscaloosa, AL

2:10 p.m.

Panel Discussion With Audience Question and Answer

2:15 p.m.

Strategies For Difficult to Cross Lesions: A Case Based Approach

Emmanouil S. Brilakis

Minneapolis, MN

2:25 p.m.

Panel Discussion With Audience Question and Answer

2:30 p.m.

Decisions Around Complex PCI as a New Interventionalist: Case Examples

Verghese Mathew

Chicago, IL

2:40 p.m.

Panel Discussion With Audience Question and Answer

2:45 p.m.

Non-Culprit Lesions in ACS: If And When to Intervene

J. Dawn Abbott

Providence, RI

2:55 p.m.

Panel Discussion With Audience Question and Answer

3:00 p.m.

ACS Spectrum, From NSTEMI to Cardiogenic Shock

Binita Shah

New York, NY

3:10 p.m.

Panel Discussion With Audience Question and Answer

3:15 p.m.

Coronary Imaging And Physiology

Nina Willemijn van der Hoeven

Amsterdam, Netherlands

3:25 p.m.

Panel Discussion With Audience Question and Answer

### Interventional Cardiology - Scientific

#### Session #710

#### Multivessel Percutaneous Coronary Interventions: What Do You Need to Know?

Sunday, March 29, 2020, 2:00 p.m. - 3:30 p.m.

Room S104b

CME Hours: 1.5 / CNE Hours:

Co-Chair: Wayne B. Batchelor

Co-Chair: Abdulla Damluji

Panelist: James M. McCabe

Panelist: Behnam Nonahal Tehrani

Panelist: Matthew William Sherwood

2:00 p.m.

Handling Multivessel PCI For Acute Coronary Syndromes: A Contemporary  
Approach For Patient Selection And Strategies

Wayne B. Batchelor

Falls Church, VA

2:08 p.m.

Panel Discussion With Audience Question and Answer

2:15 p.m.

ST-elevation Myocardial Infarction And Cardiogenic Shock: Is There Role For  
Multivessel PCI?



Abdulla Damluji  
Falls Church, VA

2:23 p.m.  
Panel Discussion With Audience Question and Answer

2:30 p.m.  
Adjunct Pharmacotherapy For Multivessel PCI: Is There a Difference From Single Vessel Revascularization?  
Paul A. Gurbel  
Baltimore, MD

2:38 p.m.  
Panel Discussion With Audience Question and Answer

2:45 p.m.  
Physiologic Assessment For Non-Culprit Vessels During Multivessel PCI  
Morton J. Kern  
Long Beach, CA

2:53 p.m.  
Panel Discussion With Audience Question and Answer

3:00 p.m.  
Radiation Management And Radiographic Contrast For Multivessel PCI: What Do You Need to Know?  
David Alan Cox  
Mountain Brook, AL

3:08 p.m.  
Panel Discussion With Audience Question and Answer

3:15 p.m.  
Management of Complications For Multivessel PCI: No Free Lunch in Cardiac Catheterization Laboratory  
Emmanouil S. Brilakis  
Minneapolis, MN

3:23 p.m.  
Panel Discussion With Audience Question and Answer

**Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Scientific Session #707**  
**Multimodality Imaging in Challenging Cases of Infective Endocarditis**  
Sunday, March 29, 2020, 2:00 p.m. - 3:30 p.m.  
Room S501a  
CME Hours: 1.5 / CNE Hours:

Co-Chair: Vikas Veeranna  
Co-Chair: Alfonso H. Waller

2:00 p.m.  
Native Valve Infective Endocarditis- Challenging Case  
Navneet Sharma  
Stony Brook, NY

2:06 p.m.  
Prosthetic Valve Infective Endocarditis- Challenging Case  
Vasvi Singh  
Boston, MA

2:12 p.m.  
Clinical Approach to Diagnosis And Management of IE  
Larry M. Baddour  
Rochester, MN

2:24 p.m.  
Role of Echocardiography

Noelle Nora Mann  
Northport, NY

2:36 p.m.  
What Is The Niche For Cardiac CT?  
Gudrun Feuchtnr  
Innsbruck, Austria

2:48 p.m.  
What Is The Contribution of PET/CT?  
MARIA Pizzi  
Barcelona, Spain

3:00 p.m.  
Panel Discussion And Question and Answer

**Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Scientific Session #708**  
**Top Indications For Cardiovascular Magnetic Resonance in Modern Cardiology - A Case-Based Session: Joint Symposium of the Society For Cardiovascular Magnetic Resonance and the American College of Cardiology**  
Sunday, March 29, 2020, 2:00 p.m. - 3:30 p.m.  
Room S502b  
CME Hours: 1.5 / CNE Hours:

Co-Chair: Steffen Erhard Petersen  
Co-Chair: Subha V. Raman

2:00 p.m.  
In a Patient With Chest Pain  
John Greenwood  
Leeds, United Kingdom

2:15 p.m.  
Question and Answer

2:18 p.m.  
In a Patient With Heart Failure  
Seth Uretsky  
Teaneck, NJ

2:33 p.m.  
Question and Answer

2:36 p.m.  
In a Patient With a Cardiac Mass  
Lauren Anne Baldassarre  
New Haven, CT

2:51 p.m.  
Question and Answer

2:54 p.m.  
In a Patient With Left Ventricular Hypertrophy  
Yuchi Han  
Philadelphia, PA

3:09 p.m.  
Question and Answer

3:12 p.m.  
In a Patient With Congenital Heart Disease  
Andrew J. Powell  
Dedham, MA

3:27 p.m.  
Question and Answer



**Prevention - Scientific**

**Session #711**

**Bright Horizons: Emerging Lipid Therapeutics**

Sunday, March 29, 2020, 2:00 p.m. - 3:30 p.m.

Room S402b

CME Hours: 1.5 / CNE Hours:

Co-Chair: Donna M. Polk

Co-Chair: Michael D. Shapiro

2:00 p.m.

Who Said The Lipid Field Is Dead? LDL-C Lowering Therapies in The Pipeline  
(Bempedoic Acid, Inclisiran)

Anne Goldberg

St. Louis, MO

2:10 p.m.

Remnants of Risk: Emerging Triglycerides Lowering Therapies (Apo CIII  
Inhibitors, AngPTL3 inh)

Christie M. Ballantyne

Houston, TX

2:20 p.m.

The Next Frontier: Lipoprotein(a) Antisense Therapy

Gina Price Lundberg

Marietta, GA

2:30 p.m.

Inflammation And Residual Risk- What Have The Recent Clinical Trials Shown  
Us?

Brendan Everett

Boston, MA

2:40 p.m.

How Can Big Data And Informatics Guide Delivery of Preventive Care?

Salim S. Virani

Houston, TX

2:50 p.m.

Are All Fish Oil Created Equal?

Vera Bittner

Birmingham, AL

3:00 p.m.

ARS, Question and Answer, Panel Discussion

**Special - Special**

**Session #107**

**Electrical Failure in 2020: Cardiovascular Update for the Clinician VI**

**-- A Symposium by Valentin Fuster**

Sunday, March 29, 2020, 2:00 p.m. - 3:30 p.m.

Room S401a

CME Hours: 1.5 / CNE Hours:

Chair: Valentin Fuster

Panelist: Francis E. Marchlinski

Panelist: Jeanne E. Poole

Panelist: Vivek Yerrapu Reddy

2:00 p.m.

Subcutaneous ICDs, CRTs, Leadless Pacemakers: Who?, How?, When?

Jeanne E. Poole

Seattle, WA

2:20 p.m.

Atrial Fibrillation - The Non-Ablation Challenges: Who?, How?, When?

Valentin Fuster

New York, NY

2:40 p.m.

Atrial Fibrillation - Catheter Ablation: Who?, How?, When?

Francis E. Marchlinski

Bala Cynwyd, PA

3:00 p.m.

Ventricular Tachycardia - Catheter Ablation: Who?, How?, When?

Vivek Yerrapu Reddy

New York, NY

3:15 p.m.

Panel Discussion

**Special - Hands-on Skills Learning**

**Session #1510**

**Learn by Doing: Immersive Simulation Experiences in Cardiac-OB,  
Valvular Disease and Syncope Management**

Sunday, March 29, 2020, 2:00 p.m. - 4:00 p.m.

Personalized Skills Center Simulation Station - Lounge & Learn, Hall  
B

CME Hours: 2 / CNE Hours:

2:00 p.m.

Faculty: Immersive Simulation Experiences

Prashant D. Bhawe

Winston-Salem, NC

2:00 p.m.

Faculty: Immersive Simulation Experiences

Margaret T. Bowers

Durham, NC

2:00 p.m.

Faculty: Immersive Simulation Experiences

James C. Coons

Pittsburgh, PA

2:00 p.m.

Faculty: Immersive Simulation Experiences

Laura Davidson

Chicago, IL

2:00 p.m.

Faculty: Immersive Simulation Experiences

Sohah Iqbal

New York, NY

2:00 p.m.

Faculty: Immersive Simulation Experiences

Jason Linefsky

Decatur, GA

2:00 p.m.

Faculty: Immersive Simulation Experiences

Matthew W. Martinez

Morristown, NJ

2:00 p.m.

Faculty: Immersive Simulation Experiences

Jerold L. Saef

Grand Junction, CO

2:00 p.m.

Faculty: Immersive Simulation Experiences

Daniel R. Schimmel

Chicago, IL

2:00 p.m.



Faculty: Immersive Simulation Experiences  
Keri M. Shafer  
Boston, MA

2:00 p.m.  
Faculty: Immersive Simulation Experiences  
Michael T. Spooner  
Norfolk, VA

2:00 p.m.  
Faculty: Immersive Simulation Experiences  
Michele Toussaint  
Los Gatos, CA

2:00 p.m.  
Faculty: Immersive Simulation Experiences  
Katherine Elena Economy  
Boston, MA

2:00 p.m.  
Faculty: Immersive Simulation Experiences  
Colleen J. Johnson  
New Orleans, LA

2:00 p.m.  
Faculty: Immersive Simulation Experiences  
Nilay S. Shah  
Chicago, IL

2:00 p.m.  
Faculty: Immersive Simulation Experiences  
Sharon Shen  
Nashville, TN

2:00 p.m.  
Faculty: Immersive Simulation Experiences  
Matthew J. Singleton  
Winston Salem, NC

2:00 p.m.  
Faculty: Immersive Simulation Experiences  
Claire Boccia Liang  
Morristown, NJ

2:00 p.m.  
Faculty: Immersive Simulation Experiences  
Theresa A. Strzelczyk  
Chicago, IL

**Special - Late-Breaking Clinical Trials**

**Session #407**

**Late-Breaking Deep Dive I**

**Sunday, March 29, 2020, 2:00 p.m. - 3:30 p.m.**

**Grand Ballroom S100a**

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

Co-Chair: Christopher B. Granger  
Co-Chair: Michelle L. O'Donoghue

2:00 p.m.  
The VICTORIA (Vericiguat Global Study In Subjects With Heart Failure With Reduced Ejection Fraction) Trial  
Paul Wayne Armstrong  
Kingston, Canada

2:05 p.m.  
Discussant

Clyde W. Yancy  
Chicago, IL

2:11 p.m.  
Discussion

2:18 p.m.  
Antithrombotic Therapy After Transcatheter Aortic Valve Implantation In Patients With A Long-term Indication For Oral Anticoagulation (POPular TAVI Trial - Cohort B)  
Vincent Nijenhuis  
Nieuwegein, Netherlands

2:23 p.m.  
Discussant  
George D. Dangas  
New York, NY

2:29 p.m.  
Discussion

2:36 p.m.  
Two-year Clinical And Echocardiographic Outcomes From The Partner 3 Low-risk Randomized Trial  
Michael J. Mack  
Plano, TX

2:41 p.m.  
Discussant  
Stephan Windecker  
Bern, Switzerland

2:47 p.m.  
Discussion

2:54 p.m.  
Catheter-based Renal Denervation In The Absence Of Antihypertensive Medications: Primary Results From The Spyral Htn-off Med Pivotal Trial  
Michael Boehm  
Homburg, Germany

2:59 p.m.  
Discussant  
Deepak L. Bhatt  
Newton, MA

3:05 p.m.  
Discussion

3:12 p.m.  
Apixaban For The Treatment Of Venous Thromboembolism Associated With Cancer: The Caravaggio Study  
Giancarlo Agnelli  
06123-Perugia, Italy

3:17 p.m.  
Discussant  
Chiara Melloni  
Durham, NC

3:23 p.m.  
Discussion





**Special - Special**

**Session #408**

**International Perspectives From the European Society of Cardiology I and the American College of Cardiology and the James T. Dove Keynote**

Sunday, March 29, 2020, 2:00 p.m. - 3:30 p.m.

Grand Ballroom S100c

CME Hours: 1.5 / CNE Hours:

Co-Chair: Barbara Casadei

Co-Chair: Richard J. Kovacs

2:00 p.m.

Introduction to the Dove Keynote

C. Michael Valentine

Lynchburg, VA

2:05 p.m.

James T. Dove Keynote: Global Perspective of Quality of Care

Magdi H. Yacoub

WELWYN GARDEN CITY, United Kingdom

2:25 p.m.

Quality of Care: If You Can't Measure It, You Can't Improve It.

Lars Wallentin

Uppsala, Sweden

2:40 p.m.

NCDR: Looking Back and Looking Forward on Quality Care in the US

Frederick A. Masoudi

Aurora, CO

2:55 p.m.

What do Patients Think About When They Think About Quality of Care

Donna Fitzsimons

Belfast Northern Ireland, United Kingdom

3:10 p.m.

Panel Discussion with Audience Question and Answer

3:10 p.m.

Panelist: Magdi H. Yacoub

WELWYN GARDEN CITY, United Kingdom

3:10 p.m.

Panelist: Lars Wallentin

Uppsala, Sweden

3:10 p.m.

Panelist: Frederick A. Masoudi

Aurora, CO

**Special - Late-Breaking Clinical Trials**

**Session #409**

**Featured Clinical Research II**

Sunday, March 29, 2020, 2:00 p.m. - 3:15 p.m.

Room S102c

CME Hours: 1.5 / CNE Hours:

Chair: Anne B. Curtis

Co-Chair: Douglas E. Drachman

Panelist: Erik Magnus Ohman

Panelist: Alice K. Jacobs

2:00 p.m.

How Long To Continue Aspirin After ACS/PCI In Patients With Atrial Fibrillation? Insights From Augustus

John H. Alexander, Daniel Wojdyla, Laine Thomas, Christopher Granger, Shaun Goodman, Ronald Aronson, Stephan Windecker, Roxana Mehran, Renato Lopes, Duke Clinical Research Institute, Durham, NC, USA

2:10 p.m.

Panel Discussion

2:15 p.m.

The NCDR Left Atrial Appendage Occlusion (LAAO) Registry: Review Of The First 3 Years

James V. Freeman, Paul Varosy, Yongfei Wang, Matthew Price, David Slotwiner, Fred Kusumoto, Chidambaram Rammohan, Clifford J. Kavinsky, Zoltan Turi, Joseph Akar (please Use #619444), Christina Koutras, Jephtha Curtis, Frederick Masoudi, Yale University School of Medicine, New Haven, CT, USA

2:25 p.m.

Panel Discussion

2:30 p.m.

Vein Of Marshall Ethanol Infusion For Persistent Atrial Fibrillation: The Venus Trial

Miguel Valderrabano, Leif E. Peterson, Vijay Swarup, Paul Schurmann, Rahul Doshi, David DeLurgio, Charles Athill, Kenneth Ellenbogen, Andrea Natale, Irakli Giorgberidze, Raquel Bunge, Michelle L. Guthrie, Neal Kleiman, Amish S. Dave, Houston Methodist DeBakey Heart and Vascular Center, Houston, TX, USA

2:40 p.m.

Panel Discussion

2:45 p.m.

Relationships Of Ischemia Severity And Coronary Artery Disease Extent With Clinical Outcomes In The Ischemia Trial

Harmony R. Reynolds, Leslee Shaw, James Min, Daniel Berman, Bernard Chaitman, Michael Picard, Raymond Kwong, Sean O'Brien, Courtney Page, Zhen Huang, Ranjit Kumar Nath, Sudhanshu Dwivedi, Peter Stone, Claes Held, Matyas Keltai, Sripal Bangalore, Robert A. Harrington, Jonathan Newman, David Maron, Judith Hochman, NYU School of Medicine, New York, NY, USA

2:55 p.m.

Panel Discussion

3:00 p.m.

Clinical And Quality Of Life Outcomes With Invasive Versus Conservative Strategy In Patients With Stable Ischemic Heart Disease Across The Spectrum Of Baseline Kidney Function: Insights From The ISCHEMIA And ISCHEMIA-CKD Trials

Sripal Bangalore, Judith Hochman, Sean O'Brien, Philip Jones, John Spertus, Harmony Reynolds, William Boden, Jerome Fleg, Mandeep Sidhu, Roy Mathew, Glenn Chertow, David Maron, NYU School of Medicine, New York, NY, USA

3:10 p.m.

Panel Discussion

**Special - Oral Contributions**

**Session #908**

**FIT Forum: Stump the Professor**

Sunday, March 29, 2020, 2:00 p.m. - 3:30 p.m.

Room S103b

CME Hours: 1.5 / CNE Hours:

ACC Co-Chair: Sena Kilic

ACC Co-Chair: Ada C. Stefanescu Schmidt

Professor/Judge: Blase A. Carabello

Professor/Judge: Rick A. Nishimura



Professor/Judge: Patrick T. O'Gara  
Professor/Judge: Carole A. Warnes

2:00 p.m.

A 31 YEAR OLD MAN WITH ANGINA

Giselle M. Statz, Noah N. Williford, Vivian R. Sardone, James Rossen, Ballas K. Zuhair, Svetlana Dolovcak, Milena A. Gebaska, Carver College of Medicine, University of Iowa, Iowa City, IA, USA

2:20 p.m.

Question and Answer

2:30 p.m.

EVERY NOW AND THEN I FALL APART

C. Charles Jain, Barry Borlaug, Mayo Clinic, Rochester, MN, USA

2:50 p.m.

Question and Answer

3:00 p.m.

ALL THAT GLITTERS IS NOT GOLD

Yodying Kaolawanich, Han W. Kim, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand, Duke Cardiovascular Magnetic Resonance Center, Duke University Medical Center, Durham, NC, USA

3:20 p.m.

Question and Answer

#### Special - Oral Contributions

##### Session #915

##### Young Investigator Awards: Basic and Translational Science

Sunday, March 29, 2020, 2:00 p.m. - 3:30 p.m.

Young Investigator Awards Moderated Poster Theater 2, Posters, Hall A

CME Hours: 0 / CNE Hours:

Chair: Sekar Kathiresan

Judge: Sanjay Rajagopalan

Judge: Annabelle S. Volgman

2:00 p.m.

Endothelial Frataxin Deficiency Drives Nuclear Replication Stress-Induced Senescence And Mitochondrial Dysfunction Across Multiple Subtypes Of Pulmonary Hypertension

Miranda K. Culley, Jingsi Zhao, Ying Tang, Yi Yin Tai, Dror Perk, Vinny Negi, Yen-Chun Lai, Qiujun Yu, Adam Handen, Gil Speyer, Seungchan Kim, Taijyu Satoh, Michael Reynolds, Sruti Shiva, Annie Watson, Yassmin Al Aaraj, John Sembrat, Mauricio Rojas, Karen Norris, Aditi Gurkar, Mingxia Gu, Marlene Rabinovitch, Thomas Bertero, Stephen Chan, University of Pittsburgh School of Medicine, Pittsburgh, PA, USA, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

2:15 p.m.

Pharmacogenetics And Drug Discovery For Anthracycline-induced Cardiotoxicity Enabled By Sinoatrial Node-like Cells Derived From Human Pluripotent Stem Cells

Zanjar Ghazizadeh, Romulo Hurtado, Shuibing Chen, Todd Evans, Alice Tang, Weill Cornell Medicine, New York, NY, USA

2:30 p.m.

Mitochondria Containing Extracellular Vesicles From Autologous Induced Pluripotent Stem Cell Derived Cardiomyocytes Restore Bioenergetics In Ischemic Myocardium

Gentaro Ikeda, Michelle Santoso, Yuko Tada, Evgeniya Vaskova, Connor G. O'Brien, Ji Hye Jung, Phillip C. Yang, Stanford University School of Medicine, Stanford, CA, USA

2:45 p.m.

Impaired Regenerative Capacity Predicts Outcomes in Patients With Coronary Artery Disease and Renal Insufficiency

Anurag Mehta, Ayman Samman Tahhan, Chang Liu, Devinder Dhindsa, Aditi Nayak, Ananya Hooda, Kasra Moazzami, Shabatun Islam, Steven Rogers, Zakaria Almuwaqqat, Iraj Hesaroieh, Ali Mokhtari, Yi-An Ko, Edmund Waller, Arshed A. Quyyumi, Emory University School of Medicine, Atlanta, GA, USA

3:00 p.m.

Eicosapentaenoic Acid Ameliorates Vascular Inflammation: A Mechanistic Rationale For Its Atheroprotective Effects

Anthony David Pisaniello, Belinda A. Di Bartolo, Ge Liu, Peta M. King, Robert A. Gibson, Joanne T. M. Tan, Stephen J. Nicholls, Johns Hopkins University, Baltimore, MD, USA, University of Adelaide, Adelaide, Australia

3:15 p.m.

Targeted Anti-inflammatory Treatment With Anti-IL-6 Monoclonal Antibody For Calcium Mediated Arrhythmia Substrates In Heart Failure

Sunil Vasireddi, Prasongchai Sattayaprasert, Christine Moravec, Judith Mackall, Kenneth Laurita, MetroHealth Medical Center/Case Western Reserve University, Cleveland, OH, USA

#### Special - Oral Contributions

##### Session #916

##### Young Investigator Awards: Clinical Investigations

Sunday, March 29, 2020, 2:00 p.m. - 3:30 p.m.

Young Investigator Awards Moderated Poster Theater 3, Posters, Hall A

CME Hours: 0 / CNE Hours:

Chair: Robert John Mentz

Judge: Christopher R. DeFilippi

Judge: Hitinder S. Gurm

2:00 p.m.

The Benefits Of Intensive Versus Standard Blood Pressure Treatment According To Fine Particulate Matter Air Pollution Exposure: A Post-hoc Analysis Of Sprint

Sadeer G. Al-Kindi, David M. Reboussin, Robert D. Brook, Udayan bhatt, Michael Brauer, William C. Cushman, Heidi Hanson, John Kostis, James Lash, Robert Paine, Kalani Raphael, Steve Rapp, Leonardo Tamariz, Jackson T. Wright, JR, Sanjay Rajagopalan, SPRINT Investigators, University Hospitals, Cleveland, OH, USA

2:15 p.m.

Myocardial Flow Reserve From Positron Emission Tomography Predicts Treatment Response in Patient With Ischemic Heart Failure

Dominik Benz, Philippe A. Kaufmann, Elia von Felten, Georgios Benetos, Georgios Rampidis, Michael Messerli, Andreas A. Giannopoulos, Tobias Andreas Fuchs, Christoph Gräni, Catherine Gebhard, Aju Pazhenkottil, Andreas Flammer, Philipp A. Kaufmann, Ronny R. Buechel, University Hospital Zurich, Zurich, Switzerland

2:30 p.m.

Diagnostic Impact And Prognostic Value Of Cardiac MRI In Patients With Ventricular Arrhythmias

Yin Ge, Panagiotis Antiochos, Iqra Qamar, Ayako Seno, Michael L. Steigner, Ayaz Aghayev, Ron Blankstein, William Stevenson, Michael Jerosch-Herold, Raymond Y. Kwong, Brigham and Women's Hospital, Cambridge, MA, USA

2:45 p.m.

Soluble Urokinase Plasminogen Activator Receptor Compared To High-sensitivity Troponin, C-reactive Protein And B-type Natriuretic Peptide In Predicting Outcomes

Salim Hayek, Ayman Samman Tahhan, Anurag Mehta, Yi-An Ko, Ayman Alkhoder, Ravila Bhimani, Joy Hartsfield, Jonathan Kim, Leslee J. Shaw, Changli Wei, Jochen Reiser, Arshed A. Quyyumi, University of Michigan, Ann Arbor, MI, USA, Emory University, Atlanta, GA, USA



3:00 p.m.

<sup>18</sup>F-sodium Fluoride Coronary Uptake Predicts Myocardial Infarctions In Patients With Known Coronary Artery Disease

Jacek Kwiecinski, Evangelos Tzolos, Sebastien Cadet, Philip D. Adamson, Alastair Moss, Nikhil Vilas Joshi, Edwin Van Beek, Michelle Williams, Daniel S. Berman, David E. Newby, Marc Dweck, Piotr Slomka, University of Edinburgh, Edinburgh, United Kingdom, Cedars-Sinai Medical Center, Los Angeles, CA, USA

3:15 p.m.

Paradoxical Increase in Left Ventricular Diastolic Pressure After Successful Transcatheter Aortic Valve Replacement is Related to Poorer Long-Term Outcome in Severe Aortic Stenosis

Jiwon Seo, Shinjeung Song, Chi Young Shim, Geu-Ru Hong, Young-Guk Ko, Myeong-Ki Hong, Jong-Won Ha, Yonsei University College of Medicine, Seoul, South Korea

### Special - Oral Contributions

#### Session #917

#### Young Investigator Awards: Outcomes Research

Sunday, March 29, 2020, 2:00 p.m. - 3:30 p.m.

Young Investigator Awards Moderated Poster Theater 1, Posters, Hall A

CME Hours: 0 / CNE Hours:

Chair: Lesley Curtis

Judge: Larry A. Allen

Judge: Adrian F. Hernandez

2:00 p.m.

Epidemiology of Lipoprotein(a) and Association With Myocardial Infarction and Stroke in a Nationally Representative Cohort

Eric Brandt, Arya Mani, Erica Sarah Spatz, Nihar R. Desai, Khurram Nasir, Yale University School of Medicine, New Haven, CT, USA

2:15 p.m.

Quantifying The Generalizability Of Transcatheter Aortic Valve Replacement Clinical Trials: Findings From The EXTEND-CoreValve Study

Neel Butala, Yang Song, Changyu Shen, Robert W. Yeh, Smith Center for Outcomes Research in Cardiology, Boston, MA, USA, Massachusetts General Hospital, Boston, MA, USA

2:30 p.m.

A Precision-guided Approach To Inform Atrial Fibrillation Screening

Shaan Khurshid, Lu-Chen Weng, Ludovic Trinquart, Kathryn Lunetta, Emelia Benjamin, Patrick T. Ellinor, Jeffrey Ashburner, Steven Lubitz, Massachusetts General Hospital, Boston, MA, USA, Broad Institute of Harvard and MIT, Boston, MA, USA

2:45 p.m.

ECG-Age From Artificial Intelligence: A New Predictor For Mortality? The Code (Clinical Outcomes In Digital Electrocardiography) Study

Gabriela Miana Paixão, Antonio Horta Ribeiro, Emily Lima, Bruna Seewald, Manoel Horta Ribeiro, Derick Oliveira, Paulo Gomes, Nathalia Castro, Wagner Meira Jr, Thomas Schön, Antonio L. Ribeiro, Federal University of Minas Gerais, Belo Horizonte, Brazil

3:00 p.m.

Aortic Stenosis Increases The Risk Of Mortality In Hospitalization For Myocardial Infarction: A Nationwide Study Using The National Inpatient Sample

Varun Pattisapu, Hua Hao, Susan Cheng, Florian Rader, Robert Siegel, Cedars-Sinai Medical Center Smidt Heart Institute, Los Angeles, CA, USA, University of Southern California Keck School of Medicine, Los Angeles, CA, USA

3:15 p.m.

Phenoprofiling Cardiogenic Shock: A Report From The Cardiogenic Shock Working Group

Katherine Thayer, Elric Zweck, Mohyee Ayouty, Ole K. L. Helgestad, Jakob Josiassen, Daniel Burkhoff, Arthur R. Garan, Jaime Hernandez Montfort, Claudius Mahr, Jacob Eifer Møller, Navin Kapur, Tufts Medical Center, Boston, MA, USA

### Valvular Heart Disease - Scientific

#### Session #713

#### Aortic Valve Disease: A Valve That Launched 22,225 PubMed

#### Publications - Case Discussions in Aortic Valve Disease Evaluation and Management

Sunday, March 29, 2020, 2:00 p.m. - 3:30 p.m.

Room S503b

CME Hours: 1.5 / CNE Hours:

Co-Chair: Marie-Annick Clavel

Co-Chair: Philippe Pibarot

2:00 p.m.

Case Presentation: Unload or Not to Unload That Is The Question? Severe Aortic Stenosis And Heart Failure

Heba S. Wassif

Cleveland, OH

2:05 p.m.

Discussant: Unload or Not to Unload That Is The Question? Severe Aortic Stenosis And Heart Failure

Paul Cremer

Shaker Heights, OH

2:13 p.m.

Discussant: Unload or Not to Unload That Is The Question? Severe Aortic Stenosis And Heart Failure

Sammy Elmariah

Boston, MA

2:21 p.m.

Case Presentation: Low Flow Aortic Stenosis And The Flow Dilemma

Sneha Vakamudi

Shaker Heights, OH

2:25 p.m.

Discussant: Low Flow Aortic Stenosis, The Flow Dilemma

Fadi Sawaya

Beirut, GA, Lebanon

2:33 p.m.

Discussant: Low Flow Aortic Stenosis And The Flow Dilemma

Lissa Sugeng

New Haven, CT

2:41 p.m.

Case Presentation: Asymptomatic Severe Aortic Stenosis With Preserved Ejection Fraction And LVOT Calcification

Sasan Ryan Raissi

Chicago, IL

2:45 p.m.

Discussant: Asymptomatic Severe Aortic Stenosis With Preserved Ejection Fraction And LVOT Calcification

Victoria Delgado

Leiden, Netherlands

2:53 p.m.

Discussant: Asymptomatic Severe Aortic Stenosis With Preserved Ejection Fraction And LVOT Calcification



Ran Kornowski  
49100 Petach-Tikva, Israel

3:01 p.m.

Case Presentation: More Signs Than Solutions, Is That Still The Case. Complex Severe Aortic Regurgitation  
Russell A. Brandwein  
Edison, NJ

3:05 p.m.

Discussant: More Signs Than Solutions, Is That Still The Case. Complex Severe Aortic Regurgitation  
Christine Louise Jellis  
Cleveland Heights, OH

3:21 p.m.

Discussant: More Signs Than Solutions, Is That Still The Case. Complex Severe Aortic Regurgitation  
Isaac George  
New York, NY

#### World Heart Federation - WHF Special

##### Session #5505

#### Meet and Share Forum: Talking About CVD Risk Factors With the Public

Sunday, March 29, 2020, 2:00 p.m. - 4:00 p.m.

Room S101

CME Hours: / CNE Hours:

2:00 p.m.

Meet and Share Forum: Talking About CVD Risk Factors With the Public

#### Special - Gaming

##### Session #6008

#### Battle of the States FIT Jeopardy Competition Finals

Sunday, March 29, 2020, 2:15 p.m. - 3:45 p.m.

Engage Studio

CME Hours: 0 / CNE Hours:

Co-Chair: Srinath Adusumalli

Co-Chair: Nkechinyere Nwamaka Ijioma

Judge: Chittur A. Sivaram

Judge: Dawn Carol Scantlebury

2:15 p.m.

International FIT Jeopardy

2:45 p.m.

Group A winner vs Group B winner vs Group C winner

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

##### Session #1362

#### Acute and Stable Ischemic Heart Disease: Basic 6

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

142 - RELATIONSHIP BETWEEN CORONARY ADVENTITIAL THICKNESS AND INFLAMMATION

Rika Kawakami, Hiroyuki Jinnouchi, Yu Sato, Atsushi Sakamoto, Masayuki Mori, Anne Cornelissen, Amoa C. Falone, Dipti Surve, Maria Romero, Frank D. Kolodgie, Renu Virmani, Jagat Narula, Navneet Narula, Aloke V. Finn, CVPath Institute, Inc, Gaithersburg, MD, USA, Mount Sinai Hospital, Mount Sinai Heart, New York, NY, USA

143 - LIPID MANAGEMENT IN ACUTE CORONARY SYNDROME PATIENTS AMONG THE TIER THREE HOSPITALS

Yong Huo, Yanjun Gong, Jie Jiang, Xitian Hu, Shaowen Liu, Yujie Zhou, Xuan Li, Xiang Ma, Hongwei Yu, Ying Li, Guochun Zhang, Bin Wang, Xiaoyong Qi,

Haiyan Meng, Xiaofeng Wang, Jianjun Mu, Jingping Wang, Gang Liu, Zhenyu Yang, Xiangqing Kong, Yuhu Yan, Changqian Wang, Jian'An Wang, Wang Lijun, Jiyan Chen, Peking University First Hospital, Beijing, CA, People's Republic of China

144 - ABSENCE OF CATCH UP PHENOMENON IN RATE OF CALCIUM SCORE PROGRESSION BETWEEN MEN AND WOMEN

Zoltan Varga, Chirag Desai, Jon Orvarsson, Terezia Petraskova, Phillip Petrasko, Valerie Bares, Tomasz Stys, Sanford Cardiovascular Institute, University of South Dakota, Sioux Falls, SD, USA

145 - THE POTENTIAL LINK BETWEEN FATTY ACID-BINDING PROTEIN 3 AND ENDOTHELIAL DYSFUNCTION

Yen-Wen Wu, Jaw-Wen Chen, Far Eastern Memorial Hospital, New Taipei City, Taiwan, National Yang-Ming University School of Medicine, Taipei, Taiwan

146 - EARLY EXPRESSION OF CIRCULATING LONG NON-CODING RNA CORRELATES WITH THE RISK OF 1-YEAR MORTALITY AFTER ACUTE MYOCARDIAL INFARCTION

Perman Pandaj, Aaron Shulkin, Eliseo Vazquez, Elizabeth Cortez-Toledo, Diana Ramos, Chenoa R. Vargas, Machele Wilson, Blythe P. Durbin-Johnson, Monica Britton, Matthew Lee Settles, Javier E. López, University of California, Davis, Davis, CA, USA, University of California, Santa Cruz, Santa Cruz, CA, USA

147 - PREVALENCE, CHARACTERISTICS AND OUTCOMES OF COCAINE-INDUCED MYOCARDIAL INFARCTION

Bertrand F. Ebner, Igor Vaz, Camilo Gomez, Andrew Scheinberg, Jonatan Nunez Breton, Cesar Mendoza-Trauco, Eduardo De Marchena, Carlos Enrique Alfonso, Alexandre Ferreira, University of Miami Hospital, Miami, FL, USA, Jackson Memorial Hospital, Miami, FL, USA

148 - CIRCULATING FIBROCYTE LEVEL AS A MARKER OF MYOCARDIAL FIBROSIS FOLLOWING ACUTE ST ELEVATION MYOCARDIAL INFARCTION

Mohammed Elzeneini, Anthony Peters, Marie Burdick, Ning Yang, Borna Mehrad, Michael Salerno, Ellen Keeley, University of Florida, Gainesville, FL, USA, University of Virginia, Charlottesville, VA, USA

149 - CHANGES IN PLASMA LEVELS OF INFLAMMATORY MEDIATORS BETWEEN LOW AND HIGH AIR POLLUTION SEASONS IN HEALTHY SUBJECTS AND ACUTE CORONARY SYNDROME PATIENTS

Nicolas Saavedra, Fernando Tomas Lanas, Kathleen Saavedra, Katherine Andara, Montserrat Hevia, Pamela Seron, Luis A. Salazar, Universidad de La Frontera, Temuco, Chile

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

##### Session #1363

#### Acute and Stable Ischemic Heart Disease: Clinical 6

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

150 - PREVALENCE, PROGNOSIS AND CHARACTERISTICS ASSOCIATED WITH FALSE-POSITIVE ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION ACTIVATIONS AT A LARGE TERTIARY CARE HOSPITAL

Thomas J. Welch, Jeffrey Bruckel, Jacqueline Morris, Christopher Montgomery, Frederick Ling, University of Rochester Medical Center, Rochester, NY, USA

151 - THE INCIDENCE, RISK FACTORS AND OUTCOMES WITH 5-FU (FLUOROURACIL)-ASSOCIATED CORONARY VASOSPASM

Amna Zafar, Ramya Mosarla, Zsafia Drobni, Raza Alvi, Matthew Lei, Uvette Y. Lou, Sean Murphy, Maeve Jones-O'Connor, Vineet K. Raghu, Adam Rokicki, Dahlia Banerji, Colin D. Weekes, John R. Clark, Jeffrey Clark, Lawrence S. Blaszkowsky, Erica Tavares, Tomas G. Neilan, Massachusetts General Hospital, Boston, MA, USA





162 - IMPACT OF INCOMPLETE REVASCULARIZATION OF THE LEFT ANTERIOR DESCENDING ARTERY VERSUS OTHER CORONARY ARTERIES AFTER PCI: INSIGHTS FROM THE RIVER-PCI TRIAL

Toshiki Kuno, Giora Weisz, Philippe Genereux, Bimmer Claessen, Andres Iñiguez, Aleksander Zurakowski, Michael Shechter, Karen Alexander, Stefan K. James, Erik Magnus Ohman, Ovidiu Dressler, Roxana Mehran, Ori Ben-Yehuda, Gregg W. Stone, Cardiovascular Research Foundation, New York, NY, USA

163 - LONG-TERM IMPACT OF INDUCIBLE MYOCARDIAL ISCHEMIA ON OUTCOMES IN ISCHEMIC CARDIOMYOPATHY: TEN-YEAR FOLLOW-UP OF THE STICH TRIAL

Kevin O'Fee, Julio Panza, David Brown, Washington University School of Medicine, St. Louis, MO, USA, Westchester Medical Center, New York Medical College, Valhalla, NY, USA

164 - DEVELOPMENT OF A PREDICTION MODEL FOR INCIDENT MYOCARDIAL INFARCTION USING MACHINE LEARNING APPLIED TO HARMONIZED ELECTRONIC HEALTH RECORD DATA

Divneet Mandair, Premanand Tiwari, Steven Simon, Michael Rosenberg, University of Colorado School of Medicine, Aurora, CO, USA

165 - COMPARISON OF HEART, TIMI AND GRACE SCORES IN PREDICTING MAJOR ADVERSE CARDIAC EVENTS WITHIN 120 DAYS IN PATIENTS PRESENTING TO THE EMERGENCY DEPARTMENT WITH CHEST PAIN IN A COMMUNITY HEALTH SYSTEM

Luis Alonso Hernandez Mejia, Anmary Fernandez Betances, Manojna Nimmagadda, Sumit Sohal, Diana Miranda Ruiz, Beulah Jyothy Koduru, Carlos Marin Ramirez, Karen O' Connor Perla, Chukwudumebi Okafor, Ruchie Bhattarai, Luis Galindez, Ramon Checo, Dhiran Verghese, Amita Health Saint Joseph Hospital Chicago, Chicago, IL, USA

166 - THE IMPACT OF ROUTINE CARDIOLOGY CONSULTATION ON CRITICALLY ILL PATIENTS WITH ELEVATED TROPONIN LEVELS

Omar Kousa, Amr Essa, Muhammad Ahsan, Venkata Siva Kumar Pajjuru, Abedelrahman Anani, Mohammed Saleh, Aiza Ahmad, Janani Baskaran, Yaman Alali, Ryan Walters, Toufik Mahfood Haddad, Aiman Miloud Smer, Creighton University, Omaha, NE, USA

167 - PREDICTORS OF CORONARY ARTERY DISEASE IN DIABETIC RETINOPATHY PATIENTS

Mohinder R. Vindhya, Upasana Banerjee, Paul Ndunda, University of Kansas School of Medicine - Wichita, Wichita, KS, USA

168 - POST-OPERATIVE ATRIAL FIBRILLATION FOLLOWING LIVER TRANSPLANTATION AND ASSOCIATION WITH ADVERSE CARDIOVASCULAR EVENTS

Anees Enayati, Anoop Koshy, Andrew W. Teh, Paul J. Gow, Hui-Chen Han, Benjamin Cailles, Laurence Weinberg, Adam Testro, Han Lim, H. M. Omar Farouque, Austin Health, Melbourne, Australia

169 - CONTEMPORARY TRENDS IN OUTCOMES AND RESOURCE UTILIZATION IN HEART TRANSPLANT PATIENTS WITH ACUTE MYOCARDIAL INFARCTION

Muhammad Z. Khan, Muhammad Khan, Bilal Munir, Safi Khan, Ahmad Naeem Lone, Shahul Valavoor, Sudarshan Balla, West Virginia University, Morgantown, WV, USA

170 - ASSOCIATION OF LIPOPROTEIN(A) AND FIBRINOGEN AS PROGNOSTIC PREDICTORS FOR CARDIOVASCULAR OUTCOME IN PATIENTS WITH STABLE CORONARY ARTERY DISEASE: A PROSPECTIVE, LARGE COHORT STUDY

Yan Zhang, Jing-Lu Jin, Ye-Xuan Cao, Hui-Hui Liu, Hui-Wen Zhang, Rui-Xia Xu, Yuan-Lin Guo, Na-Qiong Wu, Gao Ying, Chuan-Jue Cui, Liu Geng, Qian Dong, Jing Sun, Jian-Jun Li, Division of Dyslipidemia, State Key Laboratory of Cardiovascular Disease, FuWai Hospital, National C, Beijing, People's Republic of China

171 - MULTI-MORBIDITY, FUNCTIONAL IMPAIRMENT AND MORTALITY IN OLDER PATIENTS AFTER ACUTE MYOCARDIAL INFARCTION: A REPORT FROM THE TIGRIS REGISTRY

Akshay Bagai, Faez Mohamad Ali, John Gregson, Karen P. Alexander, Mauricio G. Cohen, Karolina Andersson Sundell, David Brieger, Shaun G. Goodman, Jose C. Nicolau, Christopher B. Granger, Stuart Pocock, Terrence Donnelly Heart Center, St. Michael's Hospital, University of Toronto, Toronto, Canada

182 - IMPACT OF HIGH LIPOPROTEIN(A) LEVELS ON PLATELET AGGREGABILITY IN PATIENTS WITH STABLE CORONARY ARTERY DISEASE

Rocio Salsoso, Talia Dalçóquio, Remo Furtado, Andre Franci, Carlos Barbosa, Paulo Genestreti, Mayara Reis Cardoso Ferreira, Celia Strunz, Luciano Baracioli, Raul Cavalcante Maranhão, Jose Carlos Nicolau, Instituto do Coracao (InCor) Hospital das Clinicas, Faculdade de Medicina, Universidade de Sao Paulo, Sao Paulo, Brazil, Lipid Metabolism Laboratory Heart Institute (InCor) Medical School Hospital University of Sao Paulo, Sao Paulo, Brazil

183 - USEFULNESS OF EICOSAPENTAENOIC ACID TO ARACHIDONIC ACID RATIO AS DIFFERENTIATION OF STEMI AND NSTEMI/UAP

Ryo Okubo, Rine Nakanishi, Hiroto Aikawa, Shingo Matsumoto, Ryota Noike, Takayuki Yabe, Hideo Amano, Mikihiro Toda, Takanori Ikeda, Toho University Faculty of Medicine, Tokyo, Japan

184 - RELATIONSHIP BETWEEN T-WAVE HETEROGENEITY IN RESTING 12-LEAD EKGs AND TROPONIN LEVELS IN PATIENTS EVALUATED FOR ACUTE CORONARY SYNDROME

Sofia A. Medeiros, Fernanda Tessarolo Silva, Giovanna C. Pedreira, Bruce Nearing, Edward A. Ullman, Ernest Gervino, Richard Verrier, Beth Israel Deaconess Medical Center, Boston, USA

185 - ARM EXERCISE ELECTROCARDIOGRAPHIC STRESS TESTING VERSUS REGADENASON MYOCARDIAL PERFUSION IMAGING AND EXERCISE TREADMILL TESTING FOR CLINICAL OUTCOME PREDICTION

Douglas Kyrouac, Anandita Kulkarni, Divya Kapoor, Jiafu Ou, C. William Balke, Hong Xian, Medhat Osman, Wade Martin, Washington University in Saint Louis Department of Medicine, St. Louis, MO, USA, Saint Louis VA Healthcare System, St. Louis, MO, USA

186 - SEX-BASED DIFFERENCES IN LONG-TERM OUTCOMES AFTER EARLY-ONSET MYOCARDIAL INFARCTION

Maddalena Ardisino, Adam J. Nelson, Giuseppe Maglietta, Guidantonio Malagoli Tagliazucchi, Caterina Disisto, Umberto Canosi, Carlo Cernetti, Piera Angelica Merlini, Carlo Berzuini, Elisabetta Ponte, Raffaella Fetiveau, Silvia Buratti, Elvezia Paraboschi, Stefano Duga, Domenico Tuttolomondo, Antonio Crocamo, Federico Barocelli, Serena Bricoli, Andrea Botti, Rosario Bonura, Giulia Magnani, Andrea Biagi, Giorgia Paoli, Emilia Solinas, Diego Ardisino, Imperial College London, London, United Kingdom

187 - VARIABILITY OF DISCHARGE MEDICAL THERAPY FOR SECONDARY PREVENTION AMONG PATIENTS WITH MYOCARDIAL INFARCTION WITH NON-OBSTRUCTIVE CORONARY ARTERIES (MINOCA) IN THE UNITED STATES

Harmony R. Reynolds, Rachel Dubner, Nathaniel Rosso Smilowitz, Anne Hellkamp, Robert Jay Widmer, NYU, New York, NY, USA, Duke Clinical Research Institute, Durham, NC, USA

188 - PREVALENCE, PATTERNS AND PREDICTORS OF OBSTRUCTIVE CORONARY ARTERY DISEASE AMONG PATIENTS UNDERGOING CORONARY ANGIOGRAPHY IN A TERTIARY HOSPITAL IN TANZANIA

Khuzeima S. Khanbhai, Pedro Pallangyo, Smita Bhalia, Regan Valerian, Mazen Albaghdadi, Peter Kisenge, Tulizo Shemu, Tatizo Waane, George Longopa, Yona Gandye, Nino Mihatov, Maarten Hoek, Peter O'Brien, Mohamed Janabi, Jakaya Kikwete Cardiac Institute, Dar es Salaam, Tanzania, United Republic of

189 - ACUTE MYOCARDIAL INFARCTION COMPLICATED BY ATRIAL FIBRILLATION IS ASSOCIATED WITH INCREASED MORTALITY AND LENGTH OF STAY: A NEW YORK STATE INPATIENT DATA ANALYSIS





Xuming Dai, Christina Schweikert, Wenchen K. Wu, Rami Alsaber, Nikhil Yadav, David Slotwiner, Phyllis August, New York Presbyterian Queens, Flushing, NY, USA, St. John's University, New York, NY, USA

190 - HIGH MORTALITY IN U.S. VETERANS WITH LEFT BUNDLE BRANCH BLOCK IS INDEPENDENT OF OBSTRUCTIVE CORONARY ARTERY DISEASE AND REDUCED EJECTION FRACTION

Muhammad Soofi, Swapnil Garg, Colten Stewart, Ronald Markert, Ajay Agarwal, Wright State University Department of Internal Medicine, Dayton, OH, USA, Dayton VA Medical Center, Dayton, OH, USA

191 - AGE MODIFIES THE SURVIVAL OF PATIENTS WITH OBSTRUCTIVE SLEEP APNEA WHO DEVELOP ACUTE CORONARY EVENTS: FROM THE NATIONAL INPATIENT SAMPLE

Ashraf Abugroun, Pragnesh Patel, Sameera Natarajan, Safwan Gaznabi, Ahmed Elawad, Manar Elhassan, Lloyd W. Klein, Wayne State University, Detroit, MI, USA, Advocate Illinois Masonic Medical Center, Chicago, IL, USA

#### Arrhythmias and Clinical EP - Poster Contributions

##### Session #1367

##### Arrhythmias and Clinical EP: Other 6

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

227 - USING ARTIFICIAL INTELLIGENCE TO UNCOVER ASSOCIATION OF LEFT ATRIAL STRAIN WITH THE FRAMINGHAM RISK SCORE FOR ATRIAL FIBRILLATION DEVELOPMENT

Ali Ahmad, Shareef Mansour, Ali Zgheib, Lise Safatly, Ali El Hajj, Mohamad Baydoun, Hassan Ghaziri, Hussam Aridi, Hussain Ismaeel, American University of Beirut, Beirut, Lebanon

228 - OBSTRUCTIVE SLEEP APNEA PREDICTS RECURRENCE OF ATRIAL ARRHYTHMIAS FOLLOWING CRYOABLATION IN PATIENTS WITH PAROXYSMAL ATRIAL FIBRILLATION

Abhishek Bose, Parag Anilkumar Chevli, Zeba Hashmath, Ajay K. Mishra, Gregory Berberian, Ghasan Ahmad, Jerzy Januszkiwicz, Hafiz Ghaffoor, Douglas Laidlaw, Saint Vincent Hospital, Worcester, MA, USA

229 - THE IMPACT OF ATRIAL FIBRILLATION BURDEN ON CRYOABLATION OUTCOMES FOR PAROXYSMAL ATRIAL FIBRILLATION

Abhishek Bose, Parag Anilkumar Chevli, Zeba Hashmath, Ajay K. Mishra, Gregory Berberian, Ghasan Ahmad, Jerzy Januszkiwicz, Douglas Laidlaw, Saint Vincent Hospital, Worcester, MA, USA

230 - SEX-BASED DIFFERENCES IN 30-DAY READMISSION RATES AFTER CARDIAC ARREST: ANALYSIS OF NATIONWIDE READMISSIONS DATABASE 2010-2015

Ilhwan Yeo, Sun-Joo Jang, Jim Cheung, Shing-Chiu Wong, Luke Kim, New York Presbyterian Queens Hospital, New York, NY, USA

231 - FAMILY HISTORY OF SUDDEN CARDIAC DEATH IN BRUGADA SYNDROME: A SYSTEMIC REVIEW AND META-ANALYSIS

Pattara Rattanawong, Jakrin Kewcharoen, Chanavuth Kanitsoraphan, Timothy Barry, Anusha Shanbhag, Nway L. Ko Ko, Wasawat Vutthikraivit, Win-Kuang Shen, Mayo Clinic, Phoenix, AZ, USA

232 - SURGICAL VERSUS CATHETER ABLATION IN ATRIAL FIBRILLATION: A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS

Pattara Rattanawong, Jakrin Kewcharoen, Chanavuth Kanitsoraphan, Wasawat Vutthikraivit, Anusha Shanbhag, Timothy Barry, Nway L. Ko Ko, Pahnwat Taweedsat, Win-Kuang Shen, Mayo Clinic, Phoenix, AZ, USA

233 - ELECTROPHYSIOLOGY STUDY AND THE RISK OF MAJOR ARRHYTHMIC EVENTS IN BRUGADA SYNDROME: AN UPDATED SYSTEMATIC REVIEW AND META-ANALYSIS

Pattara Rattanawong, Jakrin Kewcharoen, Wasawat Vutthikraivit, Chanavuth Kanitsoraphan, Nway L. Ko Ko, Anusha Shanbhag, Win-Kuang Shen, Mayo Clinic, Phoenix, AZ, USA

234 - RENIN ANGIOTENSIN-ALDOSTERONE (RAAS) BLOCKADE FOR SECONDARY PREVENTION OF NON-VALVULAR ATRIAL FIBRILLATION: A META-ANALYSIS

Satyanarayana Vaidya, Dushyant Singh Dahiya, Varakantham Monica, Santhosh Reddy Devarapally, Emory University, Atlanta, GA, USA

235 - DESCRIPTION OF POST-HIP FRACTURE ANTICOAGULATION MANAGEMENT FOR ATRIAL FIBRILLATION PATIENTS AND ASSOCIATED OUTCOMES

Terence J. McLaughlin, Nicole T. Gordon, Aditya Bhonsale, Krishna Kancharla, Andrew Voigt, Norman Wang, N. A. Mark Estes, Samir F. Saba, Suresh Mulukutla, Sandeep Jain, University of Pittsburgh Medical Center Heart and Vascular Institute, Pittsburgh, PA, USA, Boston Scientific, Maple Grove, MN, USA

236 - EFFECT OF LOW DOSE COLCHICINE ON THE INCIDENCE OF ATRIAL FIBRILLATION IN OPEN HEART SURGERY PATIENTS: END-AF LOW DOSE TRIAL  
Ramzi A. Tabbalat, Jude Barakat, Yousef Khader, Ayman Hammoudeh, Imad Alhaddad, Hassan AbuKhalaf, Mohammad Obaidat, Abdali Medical Center, Amman, Jordan, Khalidi Hospital and Medical Center, Amman, Jordan

237 - HIGHER ODDS AND RISING TRENDS IN ARRHYTHMIA AMONG YOUNG CANNABIS USERS WITH COMORBID DEPRESSION

Samarthkumar Thakkar, Harsh Patel, Krupa Patel, Darshini Vora, Bryan E-Xin Tan, Nanush Damarlapally, Fariah Asha Haque, Nazia Farheen, Zeeshan Mansuri, Kishorbbhai Gangani, Rupak Desai, Rochester General Hospital, Rochester, NY, USA, Atlanta VA Medical Center, Decatur, GA, USA

238 - CIRCADIAN RHYTHM DISRUPTION INDUCED BY ALTERNATING LIGHT-DARK CYCLE AGGRAVATES CARDIAC REMODELING AFTER MYOCARDIAL INFARCTION THROUGH SCN-PVN-SCG-HEART SYMPATHETIC PATHWAY  
Lilei Yu, Yuhong Wang, Hong Jiang, Renmin Hospital of Wuhan University, Wuhan, People's Republic of China

239 - ATRIAL ARRHYTHMIA COMMON AFTER LUNG TRANSPLANTATION AND REDUCED WITH BETA BLOCKER USE

Kelley R.H. Branch, Andrew Harris, Dan Nguyen, Erika D. Lease, Robert Rho, Bhriku Parmar, Kent Koprowicz, Michael S. Mulligan, University of Washington, Seattle, WA, USA

240 - SAFETY AND EFFICACY OF RIVAROXABAN COMPARED WITH WARFARIN IN END-STAGE RENAL DISEASE WITH ATRIAL FIBRILLATION: A META-ANALYSIS  
Hafez Abdullah, Waqas Ullah, Munnam Jafar, Smitha Narayana Gowda, Yasar Sattar, M. Chadi Alraies, University of South Dakota, Sioux Falls, SD, USA

#### Arrhythmias and Clinical EP - Poster Contributions

##### Session #1368

##### Arrhythmias and Clinical EP: Basic 6

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

241 - SHORT QT SYNDROME AND SUDDEN CARDIAC DEATH DUE TO A MUTATION IN THE TMEM175 ENDOLYSOSOMAL POTASSIUM CHANNEL

Juan Jiménez Jáimez, Francisco Bermúdez, Ana Moreno-Manuel, Lilian Gutiérrez Espinosa de los Monteros, María Linarejos Vera-Pedrosa, Miguel Álvarez, Luis Tercedor, Hospital Universitario Virgen de las Nieves, Granada, Spain, CNIC, Madrid, Spain

242 - PROGNOSTIC IMPACT OF ATRIAL FIBRILLATION ON ACUTE ISCHEMIC STROKE PATIENTS TREATED WITH THROMBOLYSIS



Dhiran Verghese, Monica Edison Panakal, Manojna Nimmagadda, Divya Abraham, Abigail Cabalona, Zimu Gong, Saint Joseph Hospital, Chicago, IL, USA

243 - ELEVATED MACROPHAGE EXPRESSED MARKER PROGNOSTICATE THE LONG-TERM FUNCTIONAL RECOVERY IN SURVIVORS OF OUT OF HOSPITAL SUDDEN CARDIAC ARREST

Sharma Kattel, Hardik Bhatt, Shirley Xu, Saraswati Pokharel, Umesh Sharma, University at Buffalo, Buffalo, NY, USA

244 - TO BLEED OR TO CLOT: STROKE PREVENTION STRATEGIES IN PATIENTS WITH ATRIAL FIBRILLATION OR FLUTTER AFTER BLEEDING

Sarah Gorgis, Guneet Ahluwalia, Aeman Hana, Georgi Fram, Mohammed Dabbagh, Dilshan Dhillon, Ahmad Murad, Arfaat Khan, William W. O'Neill, Scott Kaatz, Dee Dee Wang, Henry Ford Hospital, Detroit, MI, USA

#### Arrhythmias and Clinical EP - Poster Contributions

##### Session #1369

#### Arrhythmias and Clinical EP: Supraventricular/ Ventricular Arrhythmias 6

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

245 - HISTORY OF HEART FAILURE AS PREDICTOR FOR LENGTH OF STAY AND IN-HOSPITAL MORTALITY IN PATIENTS WITH ATRIAL FIBRILLATION WITH RAPID VENTRICULAR RESPONSE

Bassman Tappuni, Belal Kaseer, Ali Alkhatayru, Gitanjali Lobo, Vahid Namdarizandi, Awfa Elabidin, Frank Harris, Stephanie Kovalchik, Sai Hanumanthu, Marshall Winner, Dominique Brandt, Jenni Steinbrunner, Kamal Shemisa, Good Samaritan Hospital (TriHealth), Cincinnati, OH, USA

246 - THE IMPACT OF CORONARY ARTERY DISEASE ON ATRIAL FIBRILLATION RECURRENCE AFTER ABLATION: A SYSTEMATIC REVIEW AND META-ANALYSIS

Pablo Paz, Barbara Mantilla, Saif El Nawaa, M Rubayat Rahman, Mohamed Elmassry, Pattara Rattanawong, Prapaipan Putthapiban, Ty Whisenant, Jakrin Kewcharoen, Wasawat Vutthikraivit, Texas Tech Health Sciences Center, Lubbock, TX, USA

247 - TRENDS, PREDICTORS AND OUTCOMES AFTER UTILIZATION OF TARGETED TEMPERATURE MANAGEMENT IN CARDIAC ARREST PATIENTS WITH ANOXIC BRAIN INJURY

Kinjan Patel, Bilal Munir, Muhammad U. Khan, Safi Khan, Mohammed Osman, Shahul Valavoor, Sudarshan Balla, Muhammad Zia Khan, West Virginia University Heart and Vascular Institute, Morgantown, WV, USA

248 - HOW APPROPRIATE ARE WE DOSING DIRECT ORAL ANTICOAGULANTS IN PATIENTS WITH LIVER DISEASE- A SINGLE CENTER EXPERIENCE

Azza M. Ahmed, Mustapha Amin, David Sanborn, Alan Sugrue, Medhat Farwati, Haarini Sridhar, Ramila Mehta, Malini Madhavan, Mayo Clinic, Rochester, MN, USA

249 - BURDEN OF ATRIAL FIBRILLATION AMONG PATIENTS HOSPITALIZED FOR BONE-MARROW TRANSPLANT IN THE UNITED STATES

Stephen Dickson, Laith Alshawabkeh, Shahzad Chindhy, Anya Narezkina, UCSD, San Diego, CA, USA

250 - ST2 IS AN EFFECTIVE MARKER OF LONG-TERM PROGNOSIS IN PATIENTS WITH PERSISTENT ATRIAL FIBRILLATION AND CHF WITH A PRESERVED EJECTION FRACTION

Natalya Kozioleova, Elena Polyanskaya, Snezhana Mironova, Perm State Medical University, Perm, Russian Federation

251 - IMPACT OF RENAL SYMPATHETIC DENERVATION IN ADDITION TO PULMONARY VEIN ISOLATION ON THE RECURRENCE RATE OF ATRIAL FIBRILLATION: A META-ANALYSIS OF RANDOMIZED CONTROL TRIALS

Barbara Mantilla, Pablo Paz, M Rubayat Rahman, Saif El Nawaa, Mohamed Elmassry, Narut Prasitlunkum, Pattara Rattanawong, Wasawat Vutthikraivit, Texas Tech University, Lubbock, TX, USA

252 - COMPARISON OF DIRECT ORAL ANTICOAGULANTS VERSUS VITAMIN K ANTAGONISTS IN PATIENTS WITH ATRIAL FIBRILLATION IN THE SETTING OF HYPERTROPHIC CARDIOMYOPATHY: A META-ANALYSIS

Matthew R. Lozier, Alexandra Sanchez, Esteban Escobar, John Lee, Vicente Font, Elie Donath, Felipe Albuquerque, University of Miami at Holy Cross Hospital, Fort Lauderdale, FL, USA, Columbia University at Mount Sinai Medical Center, Miami Beach, FL, USA

253 - COMBINATION THERAPY WITH DOFETILIDE AND MEXILETINE FOR ATRIAL FIBRILLATION: INCREASED EFFICACY AND DECREASED QT INTERVAL PROLONGATION

Muhammad Abubakar Shakir, Jacob Reiss, Meghan Buckley, William Surkis, Gan-Xin Yan, Lankenau Medical Center, Wynnewood, PA, USA

254 - EARLY READMISSION DUE TO RECURRENT ATRIAL ARRHYTHMIA AFTER ATRIAL FIBRILLATION ABLATION: AN OVERLOOKED COMPLICATION

Lingling Wu, Bharat Narasimhan, Faris Haddadin, Kam Ho, Yingying Zheng, Bharat Kantharia, Mount Sinai St Luke's, New York, NY, USA, Mount Sinai West Hospital, New York, NY, USA

255 - PREVALENCE, CAUSES AND PREDICTORS OF 30-DAYS READMISSION FOLLOWING ATRIAL FIBRILLATION CATHETER ABLATION

Lingling Wu, Bharat Narasimhan, Faris Haddadin, Kam Ho, Yingying Zheng, Bharat Kantharia, Mount Sinai St Luke's and Mount Sinai West Hospital, New York, NY, USA

256 - PROCEDURE VOLUME AND ITS IMPACT ON HOSPITAL OUTCOME OF ATRIAL FIBRILLATION CATHETER ABLATION: AN ANALYSIS OF NATIONAL SAMPLE DATABASE

Lingling Wu, Bharat Narasimhan, Kam Ho, Faris Haddadin, Yingying Zheng, Bharat Kantharia, Mount Sinai St Luke's and Mount Sinai West Hospital, New York, NY, USA

#### Congenital Heart Disease - Poster Contributions

##### Session #1354

#### Congenital Heart Disease: Pediatric 6

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

55 - QTC IN PATIENTS WITH TURNER SYNDROME

Jeffrey A. Robinson, Noah J. Harrahil, Lois J. Starr, Angela Yetman, Children's Hospital & Medical Center, Omaha, NE, USA, University of Nebraska Medical Center, Omaha, NE, USA

56 - DEVELOPING A BIOMARKER-BASED PREDICTIVE MODEL OF POSTOPERATIVE OUTCOMES IN CHILDREN: PRE-OPERATIVE NT-PROBNP IS INDEPENDENTLY ASSOCIATED WITH ARRHYTHMIA AND THROMBOSES AFTER CONGENITAL HEART SURGERY

Jeffrey Weiner, Andrea Lambert, David Bichell, Brett Mettler, Karla Christian, Kimberly Crum, Sarita Madell, Andrew Smith, Sara Van Driest, Thomas J. Wang, Prince J. Kannankeril, Vanderbilt University Medical Center, Nashville, TN, USA

57 - DONOR-RECIPIENT MISMATCH IN PEDIATRIC HEART TRANSPLANTATION RESULTS IN CHANGES IN MYOCARDIAL STRUCTURE AND FUNCTION AS ASSESSED BY CARDIAC MAGNETIC RESONANCE IMAGING

Nazia Husain, Haben Berhane, Cynthia Rigsby, Joshua Robinson, Michael Markl, Ann and Robert H Lurie Children's Hospital of Chicago, Chicago, IL, USA, Northwestern University, Chicago, IL, USA

58 - POST OPERATIVE INHALED NITRIC OXIDE USE AND EARLY OUTCOMES AFTER FONTAN SURGERY COMPLETION



Estefania Rivera Flores, Sasaki Jun, Kamalvir Gill, Daniel Duarte, Patcharapong Suntharos, Nicklaus Children's Hospital, Miami, FL, USA

59 - PLACENTAL EXPRESSION OF VASCULAR ENDOTHELIAL GROWTH FACTOR IN PATIENTS WITH HYPOPLASTIC LEFT HEART SYNDROME

Jennifer A. Johnson, Timothy Canavan, UPMC Children's Hospital of Pittsburgh1, Pittsburgh, PA, USA, Magee Womens Hospital, Pittsburgh, PA, USA

60 - ASSOCIATION OF ACUTE KIDNEY INJURY WITH NEURODEVELOPMENTAL OUTCOMES IN INFANTS UNDERGOING SURGERY FOR CONGENITAL HEART DISEASE

Chetna Pande, Lisa Noll, Faridis Serrano, Natasha Afonso, Sonia Monteiro, Kriti Puri, Ayse A. Arikan, Lara Shekerdemian, Baylor College of Medicine, Houston, TX, USA

61 - ASSESSMENT OF LEFT VENTRICULAR SYSTOLIC FUNCTION BY SPECKLE TRACKING DEFORMATION IMAGING: A COMPARISON BETWEEN TWO-DIMENSIONAL AND THREE-DIMENSIONAL ECHOCARDIOGRAPHY IN HEALTHY CHILDREN

Doaa Aly, Laura Kuzava, Alison Samrany, Anitha Parthiban, Children's Mercy Hospital, Kansas, MO, USA

62 - MECHANICAL CIRCULATORY SUPPORT IN INFANTS WITH CONGENITAL HEART DISEASE

Jonathan Edelson, Joseph Rossano, Heather Griffis, PA, Matthew J. O'Connor, Hannah Katcoff, Oluwatimilehin Okunowo, Kimberly Y. Lin, Christopher Mascio, J. William Gaynor, Jonathan Michael Chen, Stephanie Fuller, Danielle Burstein, Children's Hospital of Philadelphia, Philadelphia, PA, USA

63 - SEVERE MATERNAL MORBIDITY IN PREGNANCIES COMPLICATED BY FETAL CYANOTIC CONGENITAL HEART DISEASE

Shae Anderson, Emily DeFranco, OH, Robert Rossi, OH, Allison Divanovic, James Cnota, Cincinnati Children's Hospital Medical Center, Heart Institute, Cincinnati, OH, USA, University of Cincinnati, Department of Obstetrics and Gynecology, Cincinnati, OH, USA

64 - MOBILE CARDIAC TELEMETRY IN EVALUATION OF CHILDREN PRESENTING WITH PAROXYSMAL SYMPTOMS SUGGESTIVE OF TACHYARRHYTHMIA: COMPARISON TO CONVENTIONAL METHODS OF AMBULATORY ELECTROCARDIOGRAPHIC MONITORING

Ana Vasquez Choy, Chandra Srinivasan, University of Texas Health Science Center at Houston, Houston, TX, USA, Children's Memorial Hermann Hospital, Houston, TX, USA

#### Heart Failure and Cardiomyopathies - Poster Contributions Session #1355

#### Heart Failure and Cardiomyopathies: Therapy 6

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

65 - POOR OUTCOMES ASSOCIATED WITH DIGOXIN DISCONTINUATION IN PATIENTS WITH HEART FAILURE WITH REDUCED EJECTION FRACTION (HFREF) MAY DIFFER BY BETA-BLOCKER USE

Ravi Masson, Awais Malik, Phillip Hong Lam, Hans Joseph Moore, Prakash Deedwania, Richard Allman, Steven Singh, Cherinne Arundel, Gregg C. Fonarow, Ali Ahmed, Veterans Affairs Medical Center, Washington, DC, USA, Georgetown University Hospital, Washington, DC, USA

66 - LACK OF UTILITY OF INHALED NITRIC OXIDE AFTER CARDIAC TRANSPLANTATION

Tal Zivan, Paul Forfia, Eman A. Hamad, Justin Pelberg, Deval Desai, Lauren Monaco, Temple University Hospital, Philadelphia, PA, USA

67 - BASELINE AND CHANGES IN GUIDELINE DIRECTED MEDICAL THERAPY IN HFPEF AND HFREF: THE COAPT TRIAL

JoAnn Lindenfeld, Saibal Kar, Kar, Scott Lim, Paul A. Grayburn, Aaron Crowley, Michael Mack, Gregg W. Stone, William Abraham, Vanderbilt Heart and Vascular Institute, Nashville, TN, USA, The Ohio State University, Columbus, OH, USA

68 - HOW MUCH IS A STATIN IN POST-HEART TRANSPLANTATION PATIENTS REALLY WORTH: A META-ANALYSIS

José Sousa, Carolina Lourenco, Rogerio Teixeira, Lino Goncalves, Centro Hospitalar e Universitário de Coimbra, Coimbra, Portugal

69 - IMPACT OF HEART FAILURE HOSPITALIZATION ON GUIDELINE-DIRECTED MEDICAL THERAPY PRESCRIBING PATTERNS AMONG PATIENTS WITH CHRONIC HEART FAILURE WITH REDUCED EJECTION FRACTION: AN ANALYSIS FROM CHAMP-HF

Pratyaksh Srivastava, Adam DeVore, Anne Hellkamp, Laine Thomas, Nancy M. Albert, Javed Butler, J. Herbert Patterson, John A. Spertus, Fredonia Williams, Carol I. Duffy, Adrian Hernandez, Gregg C. Fonarow, University of California, Los Angeles, Los Angeles, CA, USA, Duke University, Durham, NC, USA

70 - THE PREDICTIVE VALUE OF DIURETIC RESISTANCE AT THE TIME OF DISCHARGE FOR ACUTE HEART FAILURE

Suchapa Arayakarnkul, Thanaporn Ratchataswan, Thiratest Leesutipornchai, Aunchalee Jaroenlapnopparat, Palapun Waitayangkoon, Supanee Sinphurmsukskul, Aekarach Ariyachaipanich, King Chulalongkorn Memorial Hospital, Bangkok, Thailand

71 - DIFFERENCES IN TREATMENT OF CHRONIC HEART FAILURE PATIENTS WITH REDUCED EJECTION FRACTION ACCORDING TO BLOOD PRESSURE: DATA FROM CHECK-HF

Jesse F. Veenis, Gerard Linssen, Hans-Peter Brunner-La Rocca, Arno Hoes, Jasper J. Brugts, CHECK-HF investigators, Erasmus MC, University Medical Center Rotterdam, Rotterdam, The Netherlands

72 - CLINICAL IMPACT OF A HYPOTHETICAL SEX-SPECIFIC TARGET DOSE IN WOMEN FOR THE TREATMENT OF HEART FAILURE WITH REDUCED EJECTION FRACTION

Jesse Veenis, Gerard Linssen, Hans-Peter Brunner-La Rocca, Arno Hoes, Jasper J. Brugts, CHECK-HF investigators, Erasmus MC, University Medical Center Rotterdam, Rotterdam, The Netherlands

73 - 1 YEAR FOLLOW UP RESULTS OF ARTIM HF TRIAL (ANGIOTENSIN RECEPTOR NEPRILYSIN INHIBITOR EFFECT ON TEI INDEX & LEFT VENTRICULAR MASS IN HEART FAILURE)

Anushri Kaul, Rajendra Kumar Gokhroo, Tarik M.T., Kailash C., Rajesh N., Ashish K., Manish G., Subhash C, JAWAHAR LAL NEHRU MEDICAL COLLEGE AND HOSPITAL, AJMER, India

74 - IMPACT OF INTRA-OPERATIVE TRANSFUSIONS ON POST LEFT VENTRICULAR ASSIST DEVICE PLACEMENT OUTCOMES: A SINGLE CENTER STUDY

Hector Sepulveda Alemany, Ozan Unlu, Maria Pabon, Irina Sobol, Udhay Krishnan, Parag Goyal, Evelyn Horn, Nicholas Williams, Farhan Raza, Maria Karas, NewYork Presbyterian Weill Cornell Medical Center, New York, NY, USA

75 - EFFICACY OF ENHANCED EXTERNAL COUNTERPULSATION; IN IMPROVING SIX MINUTES WALK TEST IN HEART FAILURE PATIENTS

Ramasamy Subramanian, Ahmed Shiek, Chokkalingam Meyyappan, Chettinad Hospital and Research Institute, Chennai, India

76 - IMPACT OF PREOPERATIVE ATRIAL FIBRILLATION/FLUTTER IN LEFT VENTRICULAR ASSIST DEVICE RECIPIENTS

John-Ross Clarke, Cesar Caraballo, Neal Ravindra, Paul Miller, Megan McCullough, Catherine Mezzacappa, Clancy Mullan, Juliana Lawrence, Fouad Chouairi, Nihar R. Desai, James Freeman, Tariq Ahmad, Daniel J. Friedman, Yale School of Medicine, New Haven, CT, USA



77 - TOLVAPTAN ADMINISTRATION AMONG PATIENTS WITH HEART FAILURE IN JAPANESE NATION WIDE REGISTRY

Makoto Takei, Michikazu Nakai, Yoko Sumita, Ayaka Endo, Naoki Hirata, Kenji Suzuki, Tasuku Hasegawa, Susumu Nakagawa, Toshiyuki Takahashi, Department of Cardiology, Saiseikai Central Hospital, Tokyo, Japan

78 - EFFICACY AND SAFETY OUTCOMES OF INPATIENT INTRAVENOUS IRON REPLETION IN PATIENTS WITH HEART FAILURE

Carli J. Peters, Chris Domenico, Thomas Hanff, Michael Genuardi, Jeremy Aryeh Mazurek, Monique Tanna, Joyce Wald, Edo Birati, University of Pennsylvania, Philadelphia, PA, USA

79 - A COMPARISON OF INTRAVENOUS IRON ADMINISTRATION IN HEART FAILURE PATIENTS WITH OR WITHOUT MECHANICAL CIRCULATORY SUPPORT

Carli J. Peters, Chris Domenico, Robert Zhang, Thomas Hanff, Joyce Wald, Jeremy Aryeh Mazurek, Michael Genuardi, Edo Birati, University of Pennsylvania, Philadelphia, PA, USA

80 - RISK OF HEART FAILURE WITH CARFILZOMIB IN PATIENTS WITH MULTIPLE MYELOMA: A SYSTEMATIC REVIEW AND META-ANALYSIS

Pablo Paz, Wasawat Vutthikraivit, Barbara Mantilla, Saif El Nawaa, Sally Wongsanegsak, Mohamed Elmassry, M Rubayat Rahman, Ty Whisenant, Somedeb Ball, Texas Tech University Health Sciences Center, Lubbock, TX, USA

81 - VALIDATION OF AN ANP DEFICIENCY IN ACUTE DECOMPENSATED HEART FAILURE THROUGH ANALYSES OF BIOLOGICALLY IN-ACTIVE NATRIURETIC PEPTIDES

Shawn Reginald, Seethalakshmi Iyer, Yang Chen, Xiao Ma, Jerson Sangaralingham, John Burnett, Mayo Clinic, Rochester, MN, USA

92 - POST-IMPLANT BETA-BLOCKER USE IS ASSOCIATED WITH DECREASED RATES OF LATE RIGHT HEART FAILURE AFTER LEFT VENTRICULAR ASSIST DEVICE

Ethan Senser, Jose Nunez, Kevin Kennedy, Michael Kiernan, Marwa A. Sabe, Arthur Garan, Edward Grandin, Dartmouth Hitchcock Medical Center, Lebanon, NH, USA, Beth Israel Deaconess Medical Center, Boston, MA, USA

93 - USE OF MECHANICAL CIRCULATORY DEVICES IN TAKOTSUBO CARDIOMYOPATHY ASSOCIATED WITH CARDIOGENIC SHOCK: A RETROSPECTIVE ANALYSIS FROM NATIONAL DATABASE

Saad Amin, Akhtar Amin, Harsh Mehta, Mihir Odak, Keith Hawthorne, Saint Barnabas Medical Center, Livingston, NJ, USA

94 - ROLE OF ANTICOAGULANTS IN STROKE PREVENTION AMONG HEART FAILURE PATIENTS WITHOUT ATRIAL FIBRILLATION: A NETWORK META-ANALYSIS

Igor Vaz, Leonardo Mees Knijnik, Ashish Kumar, Manuel Rivera Maza, Mauricio G. Cohen, University of Miami, Miami, FL, USA

95 - CLINICAL AND ECHOCARDIOGRAPHIC PROGNOSTIC MARKERS OF RIGHT VENTRICULAR FAILURE AFTER LEFT VENTRICULAR ASSIST DEVICE

Maria Karmपाली, Yuko Soyama, Peter Huntjens, David Raymer, Shane LaRue, Akinobu Itoh, Phillip King, Joel Schilling, Justin Vader, John Gorcsan, III, Washington University in St. Louis, St. Louis, MO, USA

96 - A STRESS REDUCTION, MEDITATION AND MINDFULNESS PROGRAM IN STABLE PATIENTS WITH CHRONIC HEART FAILURE

Vaisnava Cavalcante, Evandro Mesquita, Ana Carla Cavalcante, RJ, Jacqueline Miranda, RJ, Glaucio Bandeira, RJ, Isabela Venancio, Laís Guimaraes, RJ, Nathalia Correa, RJ, Paola Jardim, RJ, Angela Dantas, RJ, Joao Tress, Universidade Federal Fluminense, Niterói, Brazil, Instituto Nacional de Cardiologia, Rio de Janeiro, Brazil

97 - THE EFFECT OF DIGOXIN USE ON OUTCOMES IN PATIENTS WITH DURABLE LVADS: AN INTERMACS ANALYSIS

Isabel C. Balachandran, Kevin Kennedy, Jose Franco Nunez, Michael Kiernan, Edward Grandin, Alfred E. Buxton, Reshad Garan, Marwa A. Sabe, Beth Israel Deaconess Medical Center, Boston, MA, USA

99 - EARLY PULMONARY ARTERY PRESSURES PREDICT REDUCTION OF HEART FAILURE HOSPITALIZATIONS DURING AMBULATORY HEMODYNAMIC MONITORING

Sandip Zalawadiya, Nirav Y. Raval, J. Heywood, Marie-Elena Brett, John Henderson, Philip B. Adamson, Lynne Warner Stevenson, Vanderbilt University Medical Center, Nashville, TN, USA, Florida Hospital and Advent Transplant Institute, Orlando, FL, USA

100 - USE OF MACHINE LEARNING METHODOLOGY TO FIND PREDICTORS OF ALL-CAUSE MORTALITY IN PREVENTION OF EVENTS WITH ANGIOTENSIN-CONVERTING ENZYME INHIBITION (PEACE) TRIAL

Victoria Xin, Gauri Dandi, Nuha Gani, Zyannah Mallick, Ian Atkinson, Anwar Husain, Adrita Ashraf, Rodica Ciurea, Yuan Gu, Xin Tian, Tejas Patel, Colin Wu, Carlos Cure, Anna Kettermann, George Sopko, Gyorgy Csako, Jerome Fleg, Danielle Jateng, Amit Dey, Victor Crentsil, Keith Burkhart, Eileen Navarro, Frank Pucino, Yves Rosenberg, Ahmed Hasan, National Heart, Lung, & Blood Institute, Bethesda, MD, USA

101 - REDUCING READMISSIONS FOR PATIENTS WITH HEART FAILURE USING MOBILE INTEGRATED HEALTH PARAMEDICS: A FEASIBILITY STUDY

Paul Secheresiu, Jennifer Nesfeder, Bruce Feldman, Lehigh Valley Health Network, Allentown, PA, USA

112 - DIRECT ORAL ANTICOAGULANTS ARE EFFECTIVE THERAPY IN TREATING LEFT VENTRICULAR THROMBI

Adil Yunis, Laura Seese, Blaise Stearns, Michael Genuardi, Floyd Thoma, Arman Kilic, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

113 - SEX DIFFERENCES IN PATIENT SELECTION AND OUTCOMES OF SEPTAL REDUCTION THERAPIES FOR OBSTRUCTIVE HYPERTROPHIC CARDIOMYOPATHY IN THE UNITED STATES

Jayakumar Sreenivasan, Urvashi Hooda, Simrat Kaur, Sachit Sharma, Wilbert S. Aronow, Howard A. Cooper, Srihari Naidu, Julio Panza, Westchester Medical Center, Valhalla, NY, USA

114 - EVALUATION OF THE CLINICAL UTILITY OF A NOVEL FORMULATION OF FUROSEMIDE DELIVERED SUBCUTANEOUSLY IN PATIENTS PRESENTING WITH EARLY SIGNS OF FLUID OVERLOAD

Maxwell Efram Afari, Jaclyn Lemoine, Margaret Michaelian, Argyro Papafilippaki, Lana Tsao, Maine Medical Center, Portland, ME, USA, Steward St. Elizabeth's Medical Center, Brighton, MA, USA

115 - IN HOSPITAL OUTCOMES OF HEART FAILURE HOSPITALIZATION IN MEDICAID BENEFICIARIES VERSUS PRIVATELY INSURED

Jay Shah, Sindhu Avula, Muhammad Khan, Rajkumar P. Doshi, Devina Adalja, Mercy Saint Vincent Medical Centre, Toledo, OH, USA, University of Nevada School of Medicine, Reno, NV, USA

116 - METFORMIN TREATMENT IN HEART FAILURE WITH PRESERVED EJECTION FRACTION: A SYSTEMATIC REVIEW AND META REGRESSION ANALYSIS

Amera Halabi, Jonathan Sen, Quan Huynh, Thomas H. Marwick, Baker Heart and Diabetes Institute, Melbourne, Australia

117 - HOSPITAL READMISSIONS FROM NURSING HOMES DRAMATICALLY REDUCED USING A NOVEL, COST-EFFECTIVE HEART FAILURE PROTOCOL

Nishant Trivedi, Jakrin Kewcharoen, Egypt Yymen-Williams, Jeffrey Bander, Mount Sinai Hospital, New York, NY, USA

118 - IMPELLA IS ASSOCIATED WITH FEWER INPATIENT CEREBRAL VASCULAR EVENTS THAN TANDEMHEART IN CARDIOGENIC SHOCK: NATIONWIDE DATABASE ANALYSIS





Fangcheng Wu, Pengyang Li, Akshay Goel, Kevin Buda, Kristina Duan, Qi Liu, Texas Heart Institute, Houston, TX, USA, Memorial Healthcare System, Hollywood, FL, USA

120 - LEVOSIMENDAN INFUSION AND ACUTE HEART FAILURE PATIENTS: ROLE OF HLM CLASSIFICATION FOR THE IDENTIFICATION OF RESPONDERS AND NON-RESPONDERS

Andrea D'Amato, Paolo Severino, Mariateresa Pucci, Lucrezia Netti, Fabio Infusino, Marco Valerio Mariani, Rossana Scarpato, Danilo Alunni Fegatelli, Annarita Vestri, Viviana Maestrini, Massimo Mancone, Francesco Fedele, Università di Roma "La Sapienza", Rome, Italy

121 - BETA-BLOCKERS AND ANGIOTENSIN CONVERSION ENZYME INHIBITORS FOR THE PREVENTION OF ANTHRACYCLINE-INDUCED CARDIOMYOPATHY: SYSTEMATIC REVIEW AND NETWORK META-ANALYSIS

Leonardo Mees Knijnik, Raul Montanez-Valverde, Eduardo Saul, Manuel Rivera Maza, University of Miami, Miami, FL, USA

132 - ELAMIPRETIDE IN PATIENTS WITH BARTH SYNDROME: A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED CLINICAL TRIAL FOLLOWED BY 36-WEEK OPEN-LABEL EXTENSION

Reid Thompson, Ryan Manuel, Anthony Aiudi, John J. Jones, Jim Carr, Brittany Hornby, Hilary Vernon, Johns Hopkins University School of Medicine, Baltimore, MD, USA, Kennedy Krieger Institute, Baltimore, MD, USA

133 - SUCCESSFUL PHARMACIST INTERVENTION TO OPTIMIZE GUIDELINE DIRECTED MEDICAL THERAPY IN HEART FAILURE PATIENTS

Roy W. Robertson, Kris Howard, Elizabeth Meisberger, Emily Keltner, Mindy Flanagan, Shauna R. Wagner, Carly Daley, Tammy Toscos, Michael Mirro, Parkview Health, Fort Wayne, IN, USA

134 - PREDICTORS OF ACUTE KIDNEY INJURY IN PATIENTS RECEIVING ULTRA-HIGH DOSE INFUSIONS OF LOOP DIURETICS FOR ACUTE DECOMPENSATED HEART FAILURE WITH CHRONIC KIDNEY DISEASE

Bipin Sunkara, Michael Dorsch, Rachel Perlman, J. Matthew Nicklas, John Nicklas, Michigan Medicine, Ann Arbor, MI, USA

135 - A MORTALITY RISK SCORE FOR SEPTUAGENARIANS UNDERGOING HEART TRANSPLANTATION

Laura Seese, Gavin W. Hickey, Michael Mathier, Mary Keebler, Ibrahim Sultan, Thomas G. Gleason, Arman Kilic, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

136 - TIMING OF MECHANICAL CIRCULATORY SUPPORT USE IN ACUTE MYOCARDIAL INFARCTION COMPLICATED BY CARDIOGENIC SHOCK: IS IT BETTER TO BE EARLY THAN LATE?

Brijesh D. Patel, Ahmed Altibi, Mahek Shah, West Virginia University, Morgantown, WV, USA

137 - BLOCKING INTERLEUKIN-1 WITH ANAKINRA IN PATIENTS WITH ACUTE PERICARDITIS

George F. Wohlford, IV, Leo F. Buckley, Alessandra Vecchié, Dinesh Kadariya, Roshanak Markley, Cory Trankle, Juan Chiabrande, Horacio Medina De Chazal, Benjamin Van Tassell, Antonio Abbate, VCU Pauley Heart Center, Richmond, VA, USA

138 - PREVALENCE OF POST-TRANSPLANT MALIGNANCIES IN HEART TRANSPLANT RECIPIENTS: A SYSTEMATIC REVIEW AND META-ANALYSIS

Noman Lateef, Muhammad Shahzeb Khan, Muhammad Zain Farooq, Abdul Wahab Arif, Muhammad Shariq Usman, Tariq Jamal Siddiqi, Abdul Mannan, Safi U Khan, Ramki Doukky, Richard A. Krasuski, Creighton University, Omaha, NE, USA, Cook County Hospital, Chicago, IL, USA

139 - VASCULAR COMPLICATIONS RELATED TO PHYSICAL THERAPY: WALKING ON ECMO

Steven Rodriguez, Rachel Sterling, TX, Rahbekah Tran, Jeffrey Dellavolpe, Michael Kwan, Monica Flemming, Chandra Kunavarapu, Methodist Hospital, San Antonio, TX, USA

140 - SEX-BASED DIFFERENCES IN CARDIOPROTECTIVE EFFECTS OF SGLT-2 INHIBITORS IN PATIENTS WITH TYPE 2 DIABETES MELLITUS

Nidhi Madan, Muhammad Khan, Sumit Sohal, Kim Williams, Annabelle Volgman, Rush University Medical Center, Chicago, IL, USA

141 - SGLT-2 INHIBITORS DEMONSTRATE CONSISTENT REDUCTION IN CARDIOVASCULAR MORTALITY AND HEART FAILURE HOSPITALIZATIONS AN UP-TO-DATE META-ANALYSIS

Nidhi Madan, Sumit Sohal, Kim Williams, Annabelle Volgman, Rush University Medical Center, Chicago, IL, USA

152 - CLINICAL IMPACT OF PSYCHIATRIC COMORBIDITIES ON OUTCOMES AFTER LEFT VENTRICULAR ASSIST DEVICE IMPLANTATION

Clancy Mullan, Makoto Mori, Cesar Caraballo, Neal G. Ravindra, P. Elliott Miller, Megan McCullough, John-Ross Clarke, Arnar Geirsson, Nihar R. Desai, Tariq Ahmad, Yale School of Medicine, New Haven, CT, USA

153 - WORSENING RENAL FUNCTION, HYPERKALEMIA AND HYPOTENSION IN SACUBITRIL-VALSARTAN VS. ENALAPRIL IN HFREF: A META-ANALYSIS

Senada Malik, University of New England, Portland, ME, USA

154 - A PUTATIVE PLACEBO ANALYSIS OF THE EFFECTS OF SACUBITRIL/VALSARTAN IN HEART FAILURE ACROSS THE FULL RANGE OF EJECTION FRACTION

Muthiah Vaduganathan, Brian Claggett, Milton Packer, Jiri Widimský, Petar Seferovic, Adel Rizkala, Martin Lefkowitz, Victor Shi, John McMurray, Scott D. Solomon, Brigham and Women's Hospital, Boston, MA, USA

155 - EFFICACY OF 24-HOUR ISTAROXIME INFUSION IS SIMILAR BETWEEN CAUCASIAN AND ASIAN PATIENTS HOSPITALIZED FOR ACUTE HEART FAILURE Robert Segal, Yuhui Zhang, Valentina Carubelli, Phillip Simmons, PA, Steven Simonson, Giuseppe Bianchi, PA, Marco Metra, Jian Zhang, Windtree Therapeutics, Inc, Warrington, PA, USA, University and Civil Hospital of Brescia, Brescia, Italy

#### Interventional Cardiology - Poster Contributions Session #1350

#### Interventional Cardiology: ACS/AMI/Hemodynamics and Pharmacology 6

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

001 - ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION AND CARDIOGENIC SHOCK: HIGHER INCIDENCE AND MORTALITY IN WOMEN

Antonia Sambola, Manuel Anguita Sanchez, Cristina Fernández-Pérez, José Luis Bernal, Irene Buera, Francisco Marin, Albert Ariza, Francisco Javier Elola, University Hospital Vall d'Hebron, Barcelona, Spain, IMAS, Madrid, Spain

002 - BENEFIT OF GENOTYPE-GUIDED ANTI-PLATELET THERAPY IN PATIENTS WHO UNDERWENT PERCUTANEOUS CORONARY INTERVENTION WITH STENTING: A SYSTEMATIC REVIEW AND META-ANALYSIS

M Rubayat Rahman, Wasawat Vutthikraivit, Saif El Nawaa, Mohamed Elmassry, Pablo Paz, Barbara Mantilla, Pattara Rattanawong, Saranapoom Klomjit, Rasikh Ajmal, Mohammad Ansari, Scott Shurmur, Texas Tech University Health Sciences Center, Lubbock, TX, USA

003 - TRENDS AND PREDICTORS OF INPATIENT MORTALITY AMONG PATIENTS WITH MOOD DISORDERS UNDERGOING PCI

Anas A. Alharbi, Muhammad Khan, Bilal Munir, Muhammad Khan, Pratik Agrawal, Mohammed Osman, Kinjan Patel, Aamian Sulaiman, Sudarshan Balla, West Virginia University, Morgantown, WV, USA





004 - PERCUTANEOUS INTERVENTION OR CORONARY ARTERY BYPASS GRAFTING FOR LEFT MAIN STEM CORONARY ARTERY DISEASE? A META-ANALYSIS

Waqas Ullah, Yasar Sattar, Ammu Susheela, Irfan Ullah, Maryam Mukhtar, Abington Jefferson Health, Abington, PA, USA

005 - LONG-TERM OUTCOMES FOLLOWING STENT IMPLANTATION IN PATIENTS WITH VERSUS WITHOUT PRIOR PCI: AN INDIVIDUAL PATIENT-DATA POOLED ANALYSIS OF 20 RANDOMIZED CONTROLLED TRIALS

Mayank Yadav, Sorin J. Brener, Gary Mintz, Ajay J. Kirtane, Philippe Genereux, Mahesh Madhavan, Bjorn Redfors, Mengdan Liu, Pieter Smits, Clemens von Birgelen, Patrick Serruys, Martin Leon, Gregg Stone, Cardiovascular Research Foundation, New York, NY, USA, Mount Sinai St. Luke's Hospital, New York, NY, USA

006 - PREDICTORS OF PLATELET REACTIVITY ON PRASUGREL AND THEIR IMPACT ON CLINICAL OUTCOMES: INSIGHTS FROM THE TROPICAL ACS RANDOMIZED TRIAL

Daniel Aradi, András Komócsi, Bela Merkely, Robert Kiss, Martin Hadamitzky, Steffen Massberg, Konstantinos Rizas, Lisa Gross, Ralph Hein-Rothweiler, Dietmar Trenk, Dirk Sibbing, Heart Center Balatonfüred, Balatonfüred, Hungary, Heart and Vascular Center, University of Semmelweis, Budapest, Hungary

007 - RACIAL DISPARITIES IN INVASIVE MANAGEMENT FOR PATIENTS WITH CHRONIC KIDNEY DISEASE AND ACUTE MYOCARDIAL INFARCTION: INSIGHTS FROM THE CHEST-PAIN MI REGISTRY

Jennifer Rymer, Shuang Li, Roland Matsouaka, Tracy Wang, Duke University Medical Center, Durham, NC, USA

008 - CORONARY ARTERY DISSECTION: CONSERVATIVE THERAPY VERSUS REVASCULARIZATION

Pengyang Li, Fangcheng Wu, Michelle Hadley, Qiying Dai, Catherine Teng, Shani Shah, Peng Cai, Kristina Duan, Qi Liu, Texas Heart Institute, Houston, TX, USA, Saint Vincent Hospital, Worcester, MA, USA

009 - COMPARISON OF ALTEPLASE DOSING STRATEGIES IN PATIENTS UNDERGOING CATHETER DIRECTED THROMBOLYSIS FOR ACUTE PULMONARY EMBOLISM

Shannon Kuhrau, Ibrahim Chowdhury, Dalila Masic, Jeremiah Haines, Stephen Morris, Lucas Chan, Katerina Porcaro, Sorcha Allen, Yevgeniy Brailovsky, Amir Darki, Loyola University Medical Center, Maywood, IL, USA

010 - EFFICACY OF HYBRID EMERGENCY ROOM FOR OUT-OF-HOSPITAL CARDIAC ARREST PATIENTS UNDERGOING EXTRACORPOREAL CARDIOPULMONARY RESUSCITATION WITH VENO-ARTERIAL EXTRACORPOREAL MEMBRANE OXYGENATION

Masafumi Mizusawa, Yoshiaki Ito, Keisuke Hirano, Masahiro Yamawaki, Motoharu Araki, Norihiro Kobayashi, Yasunari Sakamoto, Shinsuke Mori, Masakazu Tsutsumi, Yohsuke Honda, Kenji Makino, Shigemitsu Shirai, Takahide Nakano, Tomoya Fukagawa, Toshihiko Kishida, Yuki Kozai, Yusuke Setonaga, Shutaro Goda, Saiseikai Yokohama-city Eastern Hospital, Yokohama, Japan

**Interventional Cardiology - Poster Contributions**

**Session #1351**

**Interventional Cardiology: Complex Patients/Comorbidities 6**

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

11 - LONG-TERM ADVERSE ISCHEMIC OUTCOMES AFTER PERCUTANEOUS CORONARY INTERVENTION AMONG PATIENTS BY PRIOR CORONARY ARTERY BYPASS GRAFTING STATUS: ANALYSIS FROM 19 RANDOMIZED TRIALS

Nicholas Varunok, Mahesh Madhavan, Bjorn Redfors, Jamie Diamond, Pieter Smits, Clemens von Birgelen, Mengdan Liu, Patrick Serruys, Ori Ben-Yehuda, Ajay J. Kirtane, Martin Leon, Gregg Stone, Cardiovascular Research

Foundation, New York, NY, USA, Columbia University Medical Center, New York, NY, USA

12 - THE EFFECT OF COMPLEX CORONARY REVASCULARIZATION PROCEDURE IN PATIENTS AT HIGH-BLEEDING RISK

Ridhima Goel, Davide Cao, Roxana Mehran, Anastasios Roumeliotis, Rishi Chandiramani, Johnny Nicolas, Samantha Sartori, Zaha Waseem, George D. Dangas, Usman Baber, Prakash Krishnan, Nitin Barman, Joseph Sweeny, Jason Kovacic, Vishal Kapur, Samin K. Sharma, Annapoorna Subhash Kini, Icahn School of Medicine at Mount Sinai, New York, NY, USA

13 - PRETREATMENT WITH SGLT2 INHIBITORS AMELIORATES CONTRAST-INDUCED NEPHROPATHY

Carlos G. Santos-Gallego, Gloria Palamara, Juan Antonio Requena-Ibanez, Ariana Patricia Vargas, Reza Mohebi, Vivian Abascal, Pedro Moreno, Juan J. Badimon, Icahn School of Medicine at Mount Sinai, New York City, NY, USA, NY, USA

14 - DOES STUDY SUBJECT RACE, ETHNICITY OR SEX INFLUENCE CARDIOLOGY RESEARCH SITE PERFORMANCE

Wayne B. Batchelor, Abdulla Damluji, Mona Fluzat, David E. Kandzari, Scott Barnett, Dominic Allocco, Kristine Roy, Matthew William Sherwood, Behnam Tehrani, Kelly Epps, Christopher O'Connor, Roxana Mehran, Inova Heart and Vascular Institute, Falls Church, VA, USA

15 - EARLY RESUMPTION OF CANCER TREATMENT AFTER PERCUTANEOUS CORONARY INTERVENTION: IMPACT ON CARDIOVASCULAR OUTCOMES

Teodora Donisan, Dinu Balanescu, Moez Aziz, Juhee Song, William Ntim, Nicolas Palaskas, Juan C. Lopez-Mattei, Peter Y. Kim, Mehmet Cilingiroglu, Konstantinos Marmagkiolis, Anita Deswal, Cezar Iliescu, Department of Cardiology, The University of Texas MD Anderson Cancer Center, Houston, TX, USA

16 - INTRACORONARY IMAGING-GUIDED DISCONTINUATION OF DUAL ANTIPLATELET THERAPY IN STENTED PATIENTS REQUIRING EXPEDITED CANCER TREATMENT

Moez Aziz, Dinu Balanescu, Teodora Donisan, Juhee Song, Nicolas Palaskas, Juan C. Lopez-Mattei, Peter Y. Kim, Mehmet Cilingiroglu, Joerg Herrmann, Konstantinos Marmagkiolis, Anita Deswal, Cezar Iliescu, The University of Texas MD Anderson Cancer Center, Houston, TX, USA

17 - COMPARISON OF IN-HOSPITAL OUTCOMES AFTER PERCUTANEOUS CORONARY INTERVENTION BETWEEN HEART TRANSPLANT RECIPIENTS AND NON-TRANSPLANT PATIENTS

Sakiru Isa, Olajide Buhari, Hafiz Khan, Muminat Yetunde Adeniran-Isa, Mahin Khan, Ebrahim Abdelrazzak, Hameem Changezi, McLaren Regional Medical Center, Flint, MI, USA

18 - A SYSTEMATIC REVIEW AND META-ANALYSIS OF PROGNOSTIC IMPACT OF BASELINE ANEMIA ON IN-HOSPITAL OUTCOMES IN PATIENTS WITH ST ELEVATION MYOCARDIAL INFARCTION UNDERGOING PERCUTANEOUS CORONARY INTERVENTION

Azka Latif, Muhammad Ahsan, Vikas Kapoor, Noman Lateef, Omar Kousa, Mamuna Faizi, Hassan Haji, Venkata Andukuri, Mark Holmberg, Creighton University, Omaha, NE, USA

19 - RISK FACTORS, INCIDENCE AND MORTALITY OF OBSTRUCTIVE CORONARY ARTERY DISEASE IN US VETERANS PRESENTING FOR LEFT HEART CATHETERIZATION: A LONG-TERM STUDY

Swapnil Garg, Muhammad Soofi, Colten Stewart, Ronald Markert, Ajay Agarwal, Wright State University, Dayton, OH, USA, Dayton VA Medical Center, Dayton, OH, USA

20 - IMPACT OF PERCUTANEOUS CORONARY INTERVENTION IN RENAL TRANSPLANT CANDIDATES ON LONG TERM CARDIAC OUTCOMES



Maulin B. Shah, Aaron Yung, Joseph Ebinger, James Mirocha, Edmund Huang, Dael Geft, Alice Peng, Babak Azarbal, Cedars Sinai Medical Center, Los Angeles, CA, USA

21 - CARDIAC CATHETERIZATION IN PATIENTS LIVING WITH HIV

Bertrand F. Ebner, Louis Vincent, Jelani Grant, Fahim Pyarali, Alexander Toirac, Gerardo Zablah, Kunal Kapoor, Alexis Powell, Catherine Boulanger, Dushyantha Jayaweera, Michael Kolber, Barry Hurwitz, Claudia A. Martinez, University of Miami Hospital, Miami, FL, USA, Jackson Memorial Hospital, Miami, FL, USA

22 - PERFORMANCE OF THE ACADEMIC RESEARCH CONSORTIUM FOR HIGH BLEEDING RISK CRITERIA ACCORDING TO SEX

Davide Cao, Roxana Mehran, Rishi Chandiramani, Samantha Sartori, George D. Dangas, Johnny Nicolas, Ridhima Goel, Anastasios Roumeliotis, Usman Baber, Giulio G. Stefanini, Jason Kovacic, Joseph Sweeny, Prakash Krishnan, Nitin Barman, Samin K. Sharma, Annapoorna Subhash Kini, Icahn School of Medicine at Mount Sinai, New York City, NY, USA, Humanitas University, Milan, Italy

Interventional Cardiology - Poster Contributions  
Session #1352

Interventional Cardiology: Aortic Valve Disease 6

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

23 - EFFECT OF INSTITUTIONAL TRANS-CATHETER AORTIC VALVE REPLACEMENT (TAVR) VOLUME ON MORTALITY: A SYSTEMATIC REVIEW AND META-ANALYSIS

Devika Kir, Kayle Shaperro, Saurav Chatterjee, Alyssa Grimshaw, August Oddleifson, Erica Spatz, Andrew Goldsweig, Nihar R. Desai, Yale School of Medicine, New Haven, CT, USA

24 - COSTS OF PERIPROCEDURAL COMPLICATIONS IN PATIENTS TREATED ELECTIVELY WITH TRANSFEMORAL TRANSCATHETER AORTIC VALVE REPLACEMENT: A NATIONWIDE ANALYSIS OF REAL-WORLD DATA

Alexis K. Okoh, Setri Fugar, Supreet Singh, Sameer Hirji, Ahmed Kolkailah, Swaiman Singh, Bruce Haik, Tsuyoshi Kaneko, Leonard Lee, Mark Russo, RWJ Barnabas Health, Woodbridge, NJ, USA

26 - OUTCOMES OF TRANSCATHETER AORTIC VALVE REPLACEMENT IN CONGESTIVE HEART FAILURE- ANALYSIS FROM THE NATIONWIDE INPATIENT SAMPLE

Dipesh Ludhwani, Asim Zaidi, Chunyi Wu, Lalitha Padmanabha Vemireddy, Chicago Medical School, Rosalind Franklin University, McHenry, IL, USA

27 - COMPARISON OF OUTCOMES IN PATIENTS UNDERGOING TRANSCATHETER AORTIC VALVE REPLACEMENT: REDUCED EJECTION FRACTION VS. MID-RANGE EJECTION FRACTION

Mohammad Al-Akchar, Abdisamad M. Ibrahim, Nitin Tandan, Hadi Mahmalji, Mukul Bhattarai, Nilesh J. Goswami, Sachin Goel, Zaher Fanari, Southern Illinois University, Springfield, IL, USA

28 - COMPARISON OF OUTCOMES OF PATIENTS WITH CARDIOMYOPATHY UNDERGOING TRANSCATHETER AORTIC VALVE REPLACEMENT: ISCHEMIC VS. NON-ISCHEMIC

Mohammad Al-Akchar, Abdisamad M. Ibrahim, Nitin Tandan, Khalid Sawalha, Vivek Prakash, Mohsin Salih, Sachin Goel, Nilesh J. Goswami, Zaher Fanari, Southern Illinois University, Springfield, IL, USA

29 - PROSTHESIS-PATIENT MISMATCH BETWEEN TRANSCATHETER HEART VALVES IN TRANSCATHETER AORTIC VALVE REPLACEMENT

Aditya Sengupta, Syed Zaid, Jason Storch, Eisha Gupta, Sameer Hirji, Hasan Ahmad, Asaad Khan, Cenap Udemir, Omar Ali, Jeffrey Skiles, Joshua Goldberg, Steven Lansman, Jason Kovacic, George D. Dangas, Samin K.

Sharma, Annapoorna Subhash Kini, Basel Ramlawi, Pinak Shah, Tsuyoshi Kaneko, Gilbert Tang, Mount Sinai Medical Center, New York, NY, USA

30 - THE IMPACT OF BASELINE MITRAL REGURGITATION ON THE DEGREE OF LEFT ATRIAL REMODELING AFTER TRANSCATHETER AORTIC VALVE IMPLANTATION

Abdalla Hassan, Ashraf Abugroun, Shafaq Mahmoud, Amartya Kundu, Nikolaos Kakouros, Gerard P. Aurigemma, Cardiovascular Diseases Department, University of Massachusetts Medical School, Worcester, MA, USA

31 - COMORBIDITY BURDEN AND ADVERSE OUTCOMES AFTER TRANSCATHETER AORTIC VALVE REPLACEMENT

Daniel Feldman, Mikhail Romashko, Benjamin Koethe, Sonika Patel, Hassan Rastegar, Yong Zhan, Charles Resor, Carey Kimmelstiel, David Allen, Andrew R. Weintraub, Benjamin Wessler, Tufts Medical Center, Boston, MA, USA

32 - MORTALITY & PACEMAKER IMPLANTATION IN BICUSPID VERSUS TRICUSPID SEVERE AORTIC STENOSIS TREATED WITH TAVR: A SYSTEMATIC REVIEW WITH META-ANALYSIS OF SEVENTEEN STUDIES

Monil M. Majmundar, Rajkumar P. Doshi, Palak Shah, Tikal Kansara, Khush Patel, Abdullah Zoheb Azhar, Ami Patel, Ferdinand Visco, Savi Mushiyeve, Metropolitan Hospital Center, New York Medical College, New York, NY, USA

33 - LONG-TERM IMPLICATIONS OF LEFT ATRIAL APPENDAGE THROMBUS IDENTIFIED INCIDENTALLY BY PREPROCEDURAL CARDIAC COMPUTED TOMOGRAPHY ANGIOGRAPHY IN PATIENTS UNDERGOING TRANSCATHETER AORTIC VALVE REPLACEMENT

Yishay Szekely, Haim Shmilovich, Eihab Ghantous, Aviram Hochstadt, Yan Topilsky, Galit Aviram, Yaron Arbel, Maayan Konigstein, Shmuel Banai, Ariel Finkelstein, Amir Halkin, Departments of Cardiology and Radiology, Tel Aviv Medical Center, Tel Aviv, Israel

34 - CLINICAL CHARACTERISTICS AND OUTCOMES OF PATIENTS UNDERGOING TRANSCATHETER AORTIC VALVE REPLACEMENT WITH AND WITHOUT UNDERLYING MALIGNANCY

Kamalpreet Dhaliwal, Beni Rai Verma, Manpreet Kaur, Shameer Khubber, Sonia Randhawa, Hafiz Umair Siddiqui, Najdat Bazarbashi, Mohamed M. Gad, Keerat Rai Ahuja, Zoran Popovic, Grant W. Reed, Rishi Puri, Amar Krishnaswamy, Lars G. Svensson, E. Murat Tuzcu, Rhonda Lahiri Miyasaka, Shinya Unai, James Yun, Usman Ahmad, Samir R. Kapadia, Cleveland Clinic Foundation, Cleveland, OH, USA

35 - COSTS OF SURGICAL AND TRANSCATHETER AORTIC VALVE REPLACEMENT AND MEDICAL THERAPY

Andrew M. Goldsweig, Hyo Jung Tak, Li-Wu Chen, Herbert D. Aronow, Binita Shah, Dhaval Kolte, Nihar R. Desai, Molly Szerlip, Poonam Velagapudi, J. Dawn Abbott, University of Nebraska Medical Center, Omaha, NE, USA, Warren Alpert Medical School of Brown University, Providence, RI, USA

36 - CONSCIOUS SEDATION VERSUS GENERAL ANESTHESIA FOR TRANSCATHETER AORTIC VALVE REPLACEMENT: RESULTS OF AN INSTRUMENTAL VARIABLE ANALYSIS

Neel Butala, Mabel Chung, Eric Secemsky, Pratik Manandhar, Guillaume Marquis-Gravel, Andrzej Kosinski, Sreekanth Vemulapalli, Robert W. Yeh, David J. Cohen, Smith Center for Outcomes Research in Cardiology, Boston, MA, USA

37 - USE OF ECHOCARDIOGRAPHIC GLOBAL LONGITUDINAL STRAIN IMAGING TO PREDICT IMPROVEMENT IN BALLOON AORTIC VALVULOPLASTY (BAV) PRIOR TO DEFINITIVE AORTIC VALVE REPLACEMENT

Mustafa Husaini, Yuko Soyama, Nobuyuki Kagiya, Prashanth Thakker, Manoj Thangam, Nowrin Haque, Elena Deych, Marc Sintek, John M. Lasala, John Gorcsan, III, Alan Zajarias, Washington University in St. Louis, St. Louis, MO, USA



38 - LONG TERM SURVIVAL OF PATIENTS WITH SEVERE AORTIC STENOSIS TREATED WITH TRANSCATHETER AORTIC VALVE. EXPERIENCE OF ONE CENTER OF LATINOAMERICA

Luis A. Perez, Reinaldo Venegas, Guillermo Ibieta, Eugenio Sanhueza, Eduardo Lecannelier, Aleck Stockins, Fabrizio Fasce, Jatun Saez, Alicex Gonzalez, Constanza Sandoval, Isabel Robles, Virginia Segall, Guillermo Grant Benavente Hospital, Concepcion, Chile, School of Medicine University of Concepcion, Chile

39 - REDUCED SYSTOLIC AND DIASTOLIC STRAIN RATES IN INDIVIDUALS WITH SEVERE AS FROM 4D-CT

Christopher Smitson, Gabrielle Colvert, Francisco Contijoch, Ehtisham Mahmud, Ryan Reeves, Elliot McVeigh, University of California, San Diego, La Jolla, CA, USA

40 - NATIONAL TRENDS IN READMISSION RATES AFTER TRANSCATHETER AORTIC VALVE REPLACEMENT VERSUS SURGICAL AORTIC VALVE REPLACEMENT WITH SEVERE AORTIC STENOSIS

Nagarijuna Gujjula, Raviteja Guddeti, Dixitha Anugula, Ryan Walters, Arun Kanmanthareddy, Creighton University, Omaha, NE, USA

41 - IMPACT OF POLYVASCULAR DISEASE ON CLINICAL OUTCOME IN PATIENTS UNDERGOING TRANSCATHETER AORTIC VALVE IMPLANTATION

Masahiro Yamawaki, Motoharu Araki, Fumiaki Yashima, Hiroto Suzuyama, Hidetaka Nishina, Kazumasa Yamasaki, Masaki Izumo, Yoshifumi Nakajima, Yohei Ohno, Hiroshi Ueno, Kazuki Mizutani, Minoru Tabata, Akihiro Higashimori, Futoshi Yamanaka, Norio Tada, Kensuke Takagi, Toru Naganuma, Yusuke Watanabe, Shinichi Shirai, Masanori Yamamoto, Kentaro Hayashida, Saiseikai Yokohama City Eastern Hospital, Yokohama, Japan

42 - ALL-CAUSE MORTALITY OF PATIENTS WITH CHRONIC LUNG DISEASE AND SEVERE AORTIC STENOSIS TREATED WITH TRANSCATHETER AORTIC VALVE REPLACEMENT

Garrett A. Welle, Madeline Mahowald, Fahad Alqahtani, Kaniz Fatema, Mohamad Adnan Alkhoul, Mayo Clinic, Rochester, MN, USA

43 - TRANSCATHETER AORTIC VALVE REPLACEMENT IMPROVES THE QUALITY OF LIFE FOR PATIENTS WITH SEVERE CHRONIC OBSTRUCTIVE PULMONARY DISEASE

Cornelius Dyke, Mitchell Sand, Andrew B. Brown, Andrew Pasek, Donelle Staebler, Venkatkirin Kanchustambham, Ishmael Bekdes, Thomas Haldis, The University of North Dakota School of Medicine and Health Sciences, Grand Forks, ND, USA, Sanford Health, Fargo, ND, USA

44 - THE FINAL FRONTIER: RATES OF NEW PERMANENT PACEMAKER PLACEMENT BETWEEN TRANSCATHETER AND SURGICAL AORTIC VALVE REPLACEMENT IN THE UNITED STATES, INSIGHTS FROM THE NATIONWIDE INPATIENT SAMPLE

Richard Hajjar, Adamantios Tsangaris, Hassan Arshad, Ahmad Alkhalil, Tilak Pasala, Hackensack University Medical Center, Hackensack, NJ, USA, Rutgers New Jersey Medical School, Newark, NJ, USA

45 - LONG TERM MORTALITY AFTER TRANSCATHETER AORTIC VALVE REPLACEMENT IN PATIENTS WITH CHRONIC KIDNEY DISEASE NOT ON HEMODIALYSIS

Justyna Rzcudlo, Vita Jaspan, Binita Shah, Darien Paone, Illya Pushkar, Anna Kapitman, Homam Ibrahim, Kazuhiro Hisamoto, Peter Neuburger, Muhamed Saric, Cezar Staniloae, Alan Vainrib, Daniel Bamira, Hasan Jilaihawi, Michael Querijero, Mathew Williams, NYU Langone, New York, NY, USA

46 - HOSPITAL ADMISSIONS FOR AORTIC STENOSIS IN PREGNANCY IN THE UNITED STATES: A TWELVE-YEAR ANALYSIS

Neiberg Lima, Carol C. V. Lima, Ricardo de Castro, Cuyler Huffman, Mireya del Carmen Diaz Insua, Silvia T. Linares, Mark Schauer, Thomas Melgar, Western Michigan University - Homer Stryker MD School of Medicine, Kalamazoo, MI, USA

47 - FIVE METER WALK TEST IS AN INDEPENDENT PREDICTOR OF MORTALITY IN TRANSCUTANEOUS AORTIC VALVE REPLACEMENT

Garrett A. Welle, Madeline Mahowald, Fahad Alqahtani, Kaniz Fatema, Mohamad Adnan Alkhoul, Mayo Clinic, Rochester, MN, USA

49 - TRENDS IN TRANSCATHETER AND SURGICAL AORTIC VALVE REPLACEMENT AMONG MEDICARE BENEFICIARIES IN THE UNITED STATES, 2012-2017

Aakriti Gupta, Yun Wang, Susheel K. Kodali, Isaac George, Torsten Vahl, Makoto Mori, Ajay J. Kirtane, Martin Leon, Harlan M. Krumholz, Yale University, New Haven, CT, USA, Columbia University Medical Center, New York, NY, USA

50 - SEX- AND RACE-BASED DIFFERENCES AMONG MEDICARE BENEFICIARIES UNDERGOING TRANSCATHETER AND SURGICAL AORTIC VALVE REPLACEMENT IN THE UNITED STATES, 2012-2017

Aakriti Gupta, Yun Wang, Susheel K. Kodali, Torsten Vahl, Makoto Mori, Isaac George, Ajay J. Kirtane, Martin Leon, Harlan M. Krumholz, Yale University, New Haven, CT, USA, Columbia University Medical Center, New York, NY, USA

51 - PREDICTORS OF PACEMAKER USE AFTER TRANSCATHETER AORTIC VALVE REPLACEMENT

Derek Phan, Ming-Sum Lee, Maereg Wassie, Jesse Goitia, Malini Nadadur, Vicken Aharonian, Prakash Mansukhani, Naing Moore, Somjot Brar, Ray Zadegan, Kaiser Permanente, Los Angeles, CA, USA

52 - DOPPLER VERSUS CATHETER TRANSVALVULAR PRESSURE GRADIENTS IN SELF-EXPANDING VERSUS BALLOON EXPANDABLE TRANSCATHETER AORTIC VALVES, AN IN VITRO STUDY

Viktoria Stanova, Régis Rieu, Anne-Sophie Zenses, Josep Rodés-Cabau, Philippe Pibarot, Aix Marseille Université, Marseille, France, Quebec Heart and Lung Institute, Laval University, Quebec, Canada

25 - OBESITY HAS NO EFFECT ON LONG-TERM SURVIVAL IN PATIENTS UNDERGOING TRANSCATHETER AORTIC VALVE REPLACEMENT

Madeline Mahowald, Garrett Welle, Fahad Alqahtani, Fatema Kaniz, Mohamad Adnan Alkhoul, Mayo Clinic, Rochester, MN, USA

**Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Poster Contributions**

**Session #1356**

**Non Invasive Imaging: Echo 6**

**Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.**

**Posters Hall, Hall A**

**CME Hours: / CNE Hours:**

157 - UNIQUE ENERGY LOSS PATTERNS AND CORRELATION WITH VORTEX FORMATION FROM INFANCY THROUGH YOUNG ADULTHOOD

Kristian Becker, Jennifer Cohen, Santosh Uppu, Partho P. Sengupta, Jen Lie Yau, Shubhika Srivastava, Ichan School of Medicine at Mount Sinai, New York, NY, USA

158 - PRECLINICAL CARDIAC DISEASE IN PATIENTS WITH HUMAN IMMUNODEFICIENCY VIRUS WITH NO PRIOR CARDIAC HISTORY

Jeirym Miranda Tejada, Alaa M. Omar, Alvaro Garcia-Arenas, Oscar Milian, Opeoluwa Dehinbo, Murli Udham Purswani, Jonathan N. Bella, Bronxcare Hospital Center, Bronx, NY, USA

159 - CORONARY COMPUTED TOMOGRAPHY ANGIOGRAPHY VERSUS STRESS ECHOCARDIOGRAPHY FOR ACUTE CHEST PAIN: A BAYESIAN META-ANALYSIS OF RANDOMIZED TRIALS

Mohammed Osman, Maryam Saleem, Sean R. Regner, Partho P. Sengupta, West Virginia University, Morgantown, WV, USA

160 - A DESCRIPTIVE ANALYSIS OF RIGHT VENTRICULAR STRAIN IN TAKOTSUBO CARDIOMYOPATHY



Aziz Hammoud, Manju Bengaluru Jayanna, Kan Liu, IA, University of Iowa Hospitals & Clinics, Iowa City, IA, USA

161 - IMPACT OF ANTI RETROVIRAL THERAPY ON CARDIAC GEOMETRY AND FUNCTION IN PATIENTS WITH HUMAN IMMUNODEFICIENCY VIRUS

Alvaro Garcia-Arenas, Alaa M. Omar, Jeirym Miranda Tejada, Oscar Milian, Opeoluwa Dehinbo, Murli Udham Purswani, Jonathan N. Bella, Bronxcare Hospital Center, Bronx, NY, USA

172 - LEFT ATRIAL AND LEFT VENTRICULAR STRAIN DURING EXERCISE UNMASK DIASTOLIC DYSFUNCTION IN SCLERODERMA

Ryan Sanderson, Theodore John Kolias, Vallerie V. McLaughlin, Dinesh Khanna, Scott Visovatti, The University of Michigan Department of Cardiovascular Medicine, Ann Arbor, MI, USA

173 - RIGHT VENTRICLE TO PULMONARY CIRCULATION COUPLING IS PRIMARILY DEFINED BY THE CIRCUMFERENTIAL RIGHT VENTRICLE FUNCTION

Francesco Bandera, Giacomo D'Alesio, Greta Ghizzardi, Maurizio Losito, Sara Boveri, Eleonora Alfonzetti, Marco Guazzi, Polyclinic San Donato, San Donato Milanese, Italy

174 - LEFT ATRIAL DYSFUNCTION AND CEREBROVASCULAR DISEASE IN PATIENTS WITH SYSTEMIC LUPUS ERYTHEMATOSUS

Luisa Ciuffo, Carlos Vazquez-Sosa, Paola Roldan, Michelle Ratliff, Richard Snider, Clifford Qualls, Carlos Roldan, University of New Mexico, Albuquerque, NM, USA

175 - THREE-DIMENSIONAL ECHOCARDIOGRAPHIC OVERESTIMATES LEFT VENTRICULAR WALL THICKNESS VERSUS CARDIAC MAGNETIC RESONANCE: A PROSPECTIVE STUDY IN HYPERTROPHIC CARDIOMYOPATHY PATIENTS

Agostina M. Fava, Anand Mehta, Barbara Bittel, Andrew Bauer, Zoran Popovic, Harry Lever, Per Wierup, Nicholas Smedira, Isadora Sande Mathias, Milind Y. Desai, Cleveland Clinic, Cleveland, OH, USA

176 - ACUTE STRUCTURAL CHANGES IN TRICUSPID ANNULUS FOLLOWING TAVR

Edith Posada, Alda Bregasi, Xochitl Ortiz, Juan B. Ivey-Miranda, Maria Paredes, Ben A. Lin, Robert McNamara, David Hur, Bernardo Lombo, Antonio Arias, Ian Crandall, Jason Pereira, Lissa Sugeng, Yale New Haven Hospital, New Haven, CT, USA, National Institute of Cardiology "Ignacio Chavez", Ciudad de Mexico, Mexico

177 - PREDICTIVE VALUE OF APICAL STRAIN PATTERN FOR CARDIAC AMYLOIDOSIS

Douglas Kyrouac, Brandon Lennep, Joshua Mitchell, Washington University in Saint Louis, St. Louis, MO, USA

178 - BASELINE GLOBAL LEFT VENTRICULAR MYOCARDIAL WORK INDEX CAN PREDICT IMPROVEMENT IN EJECTION FRACTION IN PATIENTS WITH CLASSICAL LOW FLOW LOW GRADIENT AORTIC STENOSIS UNDERGOING TAVR

AASHISH GUPTA, Rikin Kadakia, Harmanjot Khaira, Sergey Kachur, mohamad hasan, Thomas Middour, Yvonne Gilliland, Michael Cash, Stephen Ramee, Jose David Tafur Soto, Daniel Morin, SALIMA QAMRUDDIN, Ochsner heart and vascular institute, New Orleans, LA, USA

179 - VENDOR INDEPENDENT REFERENCE VALUES FOR MYOCARDIAL STRAIN IN CHILDREN

Benjamin Acheampong, Gary W. Coburn, Godwon Justin, Parra David, Jonathan Soslow, Division of Pediatric Cardiology, Vanderbilt University Medical Center, Nashville, TN, USA

180 - APPROPRIATE USE OF ECHOCARDIOGRAM IN SYNCOPE: A GUIDELINE-BASED EDUCATIONAL INTERVENTION DID NOT IMPACT ORDERING TENDENCIES

Cameron Whitler, Jasen Lee Gilge, Emily Banaschak, Sunit-Preet Singh Chaudhry, St. Vincent Hospital, Indianapolis, IN, USA

181 - GLOBAL LEFT VENTRICULAR MYOCARDIAL WORK EFFICIENCY AND LONG-TERM PROGNOSIS IN PATIENTS AFTER ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION

Rodolfo de Paula Lustosa, Pieter van der Bijl, Mohammed El Mahdiui, Jose Manuel Montero Cabezas, Marina V. Kostyukovich, Juhani M. Knuuti, Nina Ajmone Marsan, Jeroen Bax, Victoria Delgado, Leiden University Medical Center, Leiden, The Netherlands

192 - AORTIC VALVULAR DISEASE IN FAMILIAL HYPERCHOLESTEROLEMIA ADULT PATIENTS RECEIVING LDL APHERESIS

Yann ANCEDY, Antonio GALLO, Stephane EDERHY, Saroumadi ADAVANE-SCHEUBLE, Laurie SOULAT-DUFOUR, Pascal NHAN, Marion CHAUVET-DROIT, Samir SAHEB, Eric BRUCKERT, Ariel COHEN, Franck BOCCARA, Assistance Publique-Hôpitaux de Paris, Saint-Antoine University Hospital, Cardiology, Paris, France

193 - ACUTE CHANGES IN MITRAL ANNULAR DIMENSIONS ON 3D TRANSESOPHAGEAL ECHOCARDIOGRAPHY AFTER MITRACLIP TREATMENT OF MITRAL REGURGITATION: A PILOT STUDY

Richard Ro, Stamatios Lerakis, Karthik Seetharam, Sahil Khera, Samin K. Sharma, Annapoorna Subhash Kini, Gilbert Tang, Icahn School of Medicine at Mount Sinai, New York, NY, USA

194 - ACUTE CHANGES IN LEFT VENTRICULAR CARDIAC MECHANICS AFTER MITRACLIP TREATMENT OF MITRAL REGURGITATION

Stamatios Lerakis, Richard Ro, Wenli Zhao, Karthik Seetharam, Parasuram Krishnamoorthy, Nagendra Boopathy Senguttuvan, Gilbert Tang, Gregg Stone, Samin K. Sharma, Annapoorna Subhash Kini, Icahn School of Medicine at Mount Sinai, New York, NY, USA

195 - PROGNOSTIC IMPLICATION OF PAROXYSMAL ATRIAL FIBRILLATION ON PHASE ANALYSIS OF RIGHT ATRIAL FUNCTION IN DEGENERATIVE MITRAL REGURGITATION (DMR)

Olga Kisilitsina, Bonnie Kane, James Thomas, Bradley P. Knight, Andrei Churyla, Andrew Peters, Menghan Liu, Adin-Cristian Andrei, James L. Cox, Patrick McCarthy, Northwestern University, Chicago, IL, USA

196 - PREDICTORS OF WORSENING TRICUSPID REGURGITATION FOLLOWING PERICARDECTOMY FOR CONSTRICTIVE PERICARDITIS

Ray Tabucanon, Tom Kai Ming Wang, Michael Chetrit, Muhammad Furqan, Beni Rai Verma, Eli Simsolo, Douglas Johnston, Allan Klein, Cleveland Clinic, Cleveland, OH, USA

**Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Poster Contributions**  
**Session #1357**

**Non Invasive Imaging: MR 6**

**Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.**

**Posters Hall, Hall A**

**CME Hours: / CNE Hours:**

197 - DEVELOPMENT AND VALIDATION OF A DEEP LEARNING SYSTEM WITH MULTI-INPUT CONVOLUTIONAL NEURAL NETWORK FOR IDENTIFYING HYPERTROPHIC CARDIOMYOPATHY IN CARDIAC MAGNETIC RESONANCE IMAGES

Yutaro Miyoshi, Shuichiro Kaji, Toshiaki Toyota, Kitae Kim, Takeshi Kitai, Atsushi Kobori, Natsuhiko Ehara, Makoto Kinoshita, Yutaka Furukawa, Kobe City Medical Center General Hospital, Kobe City, Japan

198 - MANGANESE-ENHANCED T<sub>1</sub>MAPPING IN NON-ISCHAEMIC CARDIOMYOPATHY

Nick Spath, Nick Spath, Giorgos Papanastasiou, Trisha Singh, Gaurav Gulsin, Andrew Baker, Rob Janiczek, Gerry McCann, Marc Dweck, David E. Newby, Scott Semple, University of Edinburgh, Edinburgh, United Kingdom

199 - MANGANESE-ENHANCED T<sub>1</sub> MAPPING IN MYOCARDIAL VIABILITY: VALIDATION WITH 18F-FDG PETMR





Nick Spath, Nick Spath, Adriana Tavares, Gillian Gray, Marc Dweck, David E. Newby, Phillip C. Yang, Maurits Jansen, Scott Semple, University of Edinburgh, Edinburgh, United Kingdom

200 - ALTERED LEFT VENTRICULAR BLOOD FLOW PATTERN AND KINETIC ENERGY IN PATIENTS UNDERGOING AORTIC VALVE INTERVENTION

Alaa Elhawaz, Gareth Archer, Pankaj Garg, James Wild, Ian Hall, Ever Grech, The University of Sheffield, Sheffield, United Kingdom, Sheffield Teaching Hospitals NHS foundation Trust, United Kingdom

201 - DIAGNOSIS OF CARDIAC AMYLOIDOSIS BASED ON TEMPORAL SEQUENCE OF NULLING ON T1 SCOUT: A POOR MAN'S T1 MAP

Vineeta Ojha, Priya Jagia, Sandeep Seth, Kartik P Ganga, All India Institute of Medical Sciences, New Delhi, India

210 - EARLY LEFT VENTRICULAR THROMBUS FORMATION AFTER ST-ELEVATION MYOCARDIAL INFARCTION: A PROSPECTIVE OBSERVATIONAL CMR STUDY

Magdalena Holzknecht, Sebastian Johannes Reinstadler, Martin Reindl, Christina Tiller, Agnes Mayr, Gert Klug, Bernhard Metzler, University Clinic of Internal Medicine III, Cardiology and Angiology, Medical University of Innsbruck, Innsbruck, Austria, University Clinic of Radiology, Medical University of Innsbruck, Innsbruck, Austria

**Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Poster Contributions**

**Session #1358**

**Non Invasive Imaging: Nuclear 6**

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

211 - 18F-FLUORIDE PET/MR IN CARDIAC AMYLOID: A COMPARISON STUDY WITH AORTIC STENOSIS, MYOCARDIAL INFARCTION AND HEALTHY VOLUNTEERS

Jack Andrews, Maria Giovanna Trivieri, Russell Everett, Nicholas Spath, Gillian MacNaught, Alastair Moss, Mhairi Doris, Tania Pawade, Edwin Van Beek, Christophe Lucatelli, David E. Newby, Zahi A. Fayad, Philip Robson, Marc Dweck, University of Edinburgh, Edinburgh, United Kingdom, Icahn School of Medicine, Mount Sinai, New York, NY, USA

212 - IMPACT OF A NOVEL MYOCARDIAL PERFUSION IMAGING RISK CLASSIFICATION SCHEME ON REFERRAL FOR CORONARY ANGIOGRAPHY, REVASCULARIZATION, AND MORTALITY

Anirudh Kumar, Divyang Patel, Serge Harb, Neil Greenberg, Ajay Bhargava, Samir R. Kapadia, Venu Menon, Rory Hachamovitch, Wael A. Jaber, Paul Cremer, Cleveland Clinic Foundation, Cleveland, OH, USA

213 - NON-INVASIVE MOLECULAR IMAGING OF INFLAMMATION IN TISSUE-ENGINEERED VASCULAR GRAFTS USING <sup>18</sup>F-FDG PET/CT

Rosamaria Tricarico, Ting-Heng Chou, Susan Natalie Eisert, James Reinhardt, Kejal Shah, Yuichi Matsuzaki, Jason Zakko, Toshiharu Shinoka, Christopher K. Breuer, Mitchel R. Stacy, Center for Regenerative Medicine, Abigail Wexner Research Institute, Nationwide Children's Hospital, Columbus, OH, USA, Department of Surgery, College of Medicine, The Ohio State University, Columbus, OH, USA

214 - GLYCEMIA, CORONARY MICROVASCULAR DYSFUNCTION AND CARDIOVASCULAR RISK

Navkaranbir S. Bajaj, Navkaranbir S. Bajaj, Muthiah Vaduganathan, Wunan Zhou, Viviany R. Taqueti, Sharmila Dorbala, Ron Blankstein, Scott D. Solomon, Marcelo Di Carli, Brigham and Womens, Boston, MA, USA

**Prevention - Poster Contributions**

**Session #1359**

**Prevention: Rehabilitation 6**

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

082 - A PROSPECTIVE STUDY OF HAND-GRIP STRENGTH AND OUTCOMES IN A CARDIOVASCULAR INTENSIVE CARE UNIT

Harish Jarrett, Binaya Basyal, Philip Nelson, Neha Gupta, Allen Taylor, MedStar Washington Hospital Center, Washington, DC, USA

083 - BLOOD FLOW RESTRICTED TRAINING STIMULATES ANGIOGENESIS: NEW APPROACH TO POST-INTERVENTIONAL REHABILITATION OF PATIENTS WITH LOWER LIMBS ISCHEMIA

Jakub Krezel, Paulina Klapacz, Aleksandra Wlodarczyk, Mikolaj Maga, Agnieszka Trynkiewicz, Martyna Schönborn, Agnieszka Wachsmann-Maga, Pawel Maga, Jagiellonian University Medical College, Krakow, Poland, Department of Angiology, Jagiellonian University Medical College, Krakow, Poland

084 - IMPACT OF OBESITY IN HEART FAILURE PATIENTS PARTICIPATING IN PHASE II CARDIAC REHABILITATION

Asad Khan, Luke Laffin, Erik Van Iterson, Cleveland Clinic Foundation, Cleveland, OH, USA

085 - IMPACT OF TEXT MESSAGES IN A MIDDLE-INCOME COUNTRY TO PROMOTE SECONDARY PREVENTION AFTER ACUTE CORONARY SYNDROME (IMPACS): A RANDOMIZED TRIAL

Luiz Passaglia, Bruno Ramos Nascimento, Luisa Caldeira Brant, Antonio L. Ribeiro, Hospital das Clínicas da Universidade Federal de Minas Gerais, Belo Horizonte, Brazil

086 - A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS ASSESSING SMARTPHONE BASED CARDIAC REHABILITATION IN PATIENTS WITH CORONARY HEART DISEASE

Georgie Meehan, Anoop Koshy, Phelia Kunniard, Alexandra Murphy, Omar Farouque, Matias Yudi, Austin Health, Heidelberg, Australia

**Prevention - Poster Contributions**

**Session #1360**

**Prevention: Clinical 6**

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

87 - THE ROLE OF SLEEPING PATTERNS IN CAROTID ATHEROSCLEROSIS: INSIGHTS FROM THE CORINTHIA STUDY

Evangelos Oikonomou, Sotirios Tsalamandris, Georgia Vogiatzi, Panagiotis Theofilis, Athina Goliopoulou, George Lazaros, Evagelia Christoforatos, Christos Chasikidis, Vasiliki Mistakidi, Maria Anastasiou, Nikolaos Galiatsatos, Margenti Papakonstantinou, Dimitris Tousoulis, First Cardiology Clinic, GH A Ippokratelion, University of Athens, School of Medicine, Athens, Greece

88 - UTILIZATION OF GLUCOSE-LOWERING DRUGS IN PATIENTS WITH T2DM AND ESTABLISHED CVD IN US: A DESCRIPTIVE STUDY USING OPTUM CLINFORMATICS DATA

Michael Ganz, Anastasia Ustyugova, Nicola Sawalhi-Leckenby, Sabrina de Souza, Lu Zhang, Erik Gunnarsson, Ran Gao, Nihar R. Desai, Evidera, Waltham, MA, USA, Boehringer Ingelheim International GmbH, Ingelheim am Rhein, Germany

89 - RHEUMATOLOGIC DISORDERS AND PREMATURE ATHEROSCLEROTIC CARDIOVASCULAR DISEASE: AN ANALYSIS FROM THE VITAL (VETERANS WITH PREMATURE ATHEROSCLEROSIS) REGISTRY

Dhruv Mahтта, Angela Gupta, David Ramsey, Mahmoud Al Rifai, Khurram Nasir, Zainab Samad, Christie M. Ballantyne, Laura Petersen, Salim Virani,





Baylor College of Medicine, Houston, TX, USA, Michael E. Debakey VA Medical Center, Houston, TX, USA

90 - PLASMA PROTEIN SCANNING AS A NEW TOOL IN PREVENTIVE CARDIOLOGY

Rachel Ostroff, Claudia Langenberg, Nicholas Wareham, Peter Ganz, Mika Kivimaki, Claude Bouchard, Christian Jonasson, Leigh Alexander, Jessica Chadwick, Gargi Datta, Yolanda Hagar, Michael Hinterberg, Stephen A. Williams, SomaLogic, Inc., Boulder, CO, USA

91 - USE AND ADHERENCE WITH STATINS AND ASPIRIN THERAPY AMONG PATIENTS WITH PREMATURE ATHEROSCLEROTIC CARDIOVASCULAR DISEASE: AN ANALYSIS FROM THE VITAL (VETERANS WITH PREMATURE ATHEROSCLEROSIS) REGISTRY

Dhruv Mahтта, David Ramsey, Mahmoud Al Rifai, Khurram Nasir, Zainab Samad, Hani Jneid, Christie M. Ballantyne, Laura Petersen, Salim Virani, Baylor College of Medicine, Houston, TX, USA, Michael E. Debakey VA Medical Center, Houston, TX, USA

102 - EVALUATION OF LDL-C REDUCTIONS BY SIRNA TREATMENT WITH INCLISIRAN IN PATIENTS WITH DIABETES MELLITUS, METABOLIC SYNDROME OR NEITHER.

R. Scott Wright, David Kallend, Kausik Kumar Ray, Lawrence Leiter, Wolfgang Koenig, Frederick Raal, Peter Wijngaard, John J.P. Kastelein, Mayo Clinic, Rochester, MN, USA

104 - C-REACTIVE PROTEIN VARIABILITY AND CARDIOVASCULAR OUTCOMES IN OPTIMALLY-TREATED HIGH-RISK VASCULAR DISEASE

Donald Clark, III, Stephen J. Nicholls, Julie St. John, Steven E. Nissen, Rishi Puri, Cleveland Clinic Foundation, Cleveland, OH, USA

105 - PHYTOESTROGEN BLOOD LEVELS, MAJOR ADVERSE CARDIAC EVENTS AND ANGINA HOSPITALIZATION: A REPORT FROM THE WOMEN'S ISCHEMIA SYNDROME EVALUATION

Lili Barsky, Galen Cook-Wiens, Mark Doyle, Chrisandra Shufelt, William Rogers, Carl J. Pepine, C. Noel Bairey Merz, Cedars-Sinai Medical Center, Los Angeles, CA, USA

106 - FREQUENT AROUSALS FROM SLEEP ARE INDEPENDENTLY ASSOCIATED WITH CORONARY ARTERY CALCIFICATION

Soumya Vungarala, Virend K. Somers, Dongmei Lu, Jan Bukartyk, Erik K. St Louis, Naima Covassin, Mayo Clinic, Rochester, MN, USA

107 - BIFASCICULAR BLOCK IN UNEXPLAINED SYNCOPE IS UNDERRECOGNIZED & UNDEREVALUATED

Muhammad Asim Shabbir, Muhammad Hamza Saad Shaukat, Sukhraj Singh, Rizwan Alimohammad, Albany Medical College, Albany, NY, USA

108 - CURRENT STATUS OF CPR TRAINING AND AED AVAILABILITY IN JUNIOR AND SENIOR HIGH SCHOOLS IN HALIFAX, NOVA SCOTIA CANADA

Sultan Zamzami, Santokh Dhillon, Arif Hussain, Kenney Wong, Kimberley Pellerine, Dalhousie University, Halifax, Canada

109 - INTENSITY OF LIPID LOWERING THERAPY AND LDL-C LEVELS AFTER 12 MONTHS IN PATIENTS WITH POLYVASCULAR DISEASE—INSIGHTS FROM THE GOULD REGISTRY.

Ben Peterson, Deepak Bhatt, Christie M. Ballantyne, James de Lemos, Robert S. Rosenson, Katherine Mues, Mary Elliott-Davey, Shushama Alam, Yuyin Liu, Mikhail Kosiborod, Christopher P. Cannon, Brigham and Women's Hospital Heart and Vascular Center, Boston, MA, USA

110 - RELATIONSHIP OF PHYSICAL FITNESS AND METABOLIC SYNDROME TO 10-YEAR MORTALITY IN WOMEN: A REPORT FROM THE WOMEN'S ISCHEMIA SYNDROME EVALUATION STUDY

Odamey Quesada, Janet Wei, Nissi Suppogu, Galen Cook-Wiens, Marie Lauzon, Steven Reis, Leslee J. Shaw, George Sopko, Eileen M. Handberg, Carl

J. Pepine, C. Noel Bairey Merz, Cedars Sinai Smidt Heart Institute, Los Angeles, CA, USA

111 - A DIGITAL HEALTH PLATFORM FOR METABOLIC SYNDROME: A 6 MONTH PROSPECTIVE STUDY IN CHINA

Conor Senecal, Maria Collazo-Clavell, Mariza de Andrade, Lilach Lerman, Amir Lerman, Francisco Lopez-Jimenez, Mayo Clinic, Rochester, MN, USA

122 - RELATIONSHIP BETWEEN CHOLESTEROL EFFLUX CAPACITY, APOLIPOPROTEIN A1 AND NON-CALCIFIED CORONARY BURDEN IN PSORIASIS.

Mithun Devraj, Amit Dey, Heather Teague, Justin Rodante, Raja Zaghlool, Andrew Keel, Aditya A. Joshi, Marcus Y. Chen, Martin Playford, Nehal Mehta, Medstar Washington Hospital Center, Washington, DC, USA, National Heart, Lung and Blood Institute, Bethesda, MD, USA

123 - A SPECTRUM OF CARDIAC EVENTS IS ASSOCIATION WITH HUMAN METAPNEUMOVIRUS INFECTIONS

Widian Jubair, Spencer Grigg, Marcel Junqueira, Parkview Medical Center, Pueblo, CO, USA

104 - CARDIOVASCULAR EFFECTS OF CHECKPOINT INHIBITORS

Matthew Lui, Nicole Fergestrom, Tushar Tarun, Daniel Lenihan, Joshua Mitchell, Washington University in St. Louis, St. Louis, MO, USA

Prevention - Poster Contributions

Session #1361

Prevention: Hypertension 6

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

124 - SYSTOLIC BLOOD PRESSURE VARIABILITY AND MEAN SYSTOLIC BLOOD PRESSURE: CHARACTERIZING THEIR RELATIONSHIP AND ASSOCIATION WITH ALL-CAUSE MORTALITY

Aayush Visaria, Tina Dharamdasani, Louis Amorosa, Rutgers New Jersey Medical School, Newark, NJ, USA

125 - HYPERTENSION MANAGEMENT IN ALL CAUSE SUDDEN DEATH

Albert Chang, Suhani Gupta, Chelsea Deitelzweig, Elham Masoudi, Mojtaba Mirzaei, Sanjana Thota, Serafim Pistiolis, Caroline Tybout, Susan Keen, Feng-Chang Lin, Ross Simpson, University of North Carolina, Chapel Hill, NC, USA

129 - ASSOCIATION OF HABITUAL PHYSICAL ACTIVITY WITH HOME BLOOD PRESSURE: INSIGHTS FROM THE ELECTRONIC FRAMINGHAM HEART STUDY

Mayank Sardana, Honghuang Lin, Ludovic Trinquart, Yuankai Zhang, Chunyu Liu, Emelia Benjamin, Emily Manders, Kelsey Fusco, Jelena Kornej, Michael Hammond, Nicole Spartano, Vik Kheterpal, Chris Nowak, Joanne Murabito, David McManus, University of California San Francisco, San Francisco, CA, USA, Framingham Heart Study, Framingham, MA, USA

130 - PREDICTIVE VALUE COMPARISON OF BLOOD PRESSURE VARIABILITY, CUMULATIVE BLOOD PRESSURE, AND BLOOD PRESSURE TRAJECTORY FOR CARDIOVASCULAR EVENTS AND ALL-CAUSE MORTALITY

Minghui Bao, Yongjian Song, Jianping Li, Peaking University First Hospital, Peaking University, Beijing, People's Republic of China, Kailuan Hospital, North China University of Science and Technology, Tangshan, People's Republic of China

131 - SCREENING AND CONTROL OF HYPERTENSION: NETWORKING WITH COMMUNITY IN RESOURCE POOR SETTING

Sanjib Kumar Sharma, Bhawesh Koirala, Samyak Uprety, Prajwal Gautam, Prince Agrawal, Anup Ghimire, B. P. Koirala Institute of Health Sciences, Dharan, Nepal

128 - TIME OF HYPERTENSION IS DIFFERENTLY ASSOCIATED WITH COGNITIVE IMPAIRMENT



Regina Paradela, Luiza Martino, Laura Torres, Naomi Ferreira, Brenno Cabella, Ariele Detogni, Danielle da Costa, Maria Claudia Irigoyen, Universidade de São Paulo, São Paulo, Brazil

**Pulmonary Hypertension - Poster Contributions**  
**Session #1353**

**Pulmonary Hypertension 6**

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

**53 - RIGHT VENTRICULAR DEFORMITY AND FIBROSIS IN SUBJECTS WITH PULMONARY HYPERTENSION**

Nilda Espinola-Zavaleta, Neftali E. Antonio-Villa, Diego Javier Oregel Camacho, Gyselle Camacho-Camacho, Ricardo Alvarez-Santana, Alberto Aranda-Fraustro, Erick Alexanderson-Rosas, National Institute of Cardiology Ignacio Chavez, Mexico City, Mexico, National Autonomous University of Mexico, Mexico City, Mexico

**54 - SYNCOPE RELATES TO A HIGHER BASELINE RISK STATUS, PULMONARY ARTERY OBSTRUCTIVE BURDEN AND MORTALITY IN ACUTE PULMONARY EMBOLISM**

Berhan Keskin, Ozgur Yasar Akbal, Seda Tanyeri, Aykun Hakgor, Hacer Tokgoz, Ali Karagoz, Cem Dogan, Rezzan Deniz Acar, Zübeyde Bayram, Ismail Balaban, Dogancan Celeni, Cagrı Kafkas, Seymus Kulahcioglu, Halil Tanboga, Nihal Ozdemir, Cihangir Kaymaz, Kartal Kosuyolu Heart and Research Hospital, Istanbul, Turkey

**Special - Poster Contributions**

**Session #1370**

**Spotlight on Special Topics: Innovation and Technology 6**

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

**257 - FIRST-IN-HUMAN VISION HEART FAILURE STUDY: ASYMPTOMATIC DIAPHRAGMATIC STIMULATION FOR CHRONIC HEART FAILURE WITH REDUCED EJECTION FRACTION: CASE REPORT**

Ana Jorbenadze, Nikoloz Shaburishvili, Michael Mirro, Michel Zuber, Paul Erne, Tamaz Shaburishvili, Heart and Vascular Clinic, Tbilisi, Georgia, Indiana University, Fort Wayne, IN, USA

**258 - APPLICATION OF AN ARTIFICIAL INTELLIGENCE-ENABLED ECG ALGORITHM TO IDENTIFY PATIENTS WITH LEFT VENTRICULAR SYSTOLIC DYSFUNCTION PRESENTING TO THE EMERGENCY ROOM WITH DYSPNEA**  
Demilade Adedinsowo, Rickey Carter, Zachary Itzhak Attia, Patrick W. Johnson, Anthony Kashou, Jennifer L. Dugan, Sheela Jonathan, Albus Michael, Paul Friedman, Francisco Lopez-Jimenez, Peter Noseworthy, Mayo Clinic, Rochester, MN, USA, Mayo Clinic, Jacksonville, FL, USA

**259 - FUNDING SOURCES FOR I-A GUIDELINE RECOMMENDATIONS IN CARDIOVASCULAR MEDICINE**  
Alessio Gasperetti, Aaron V. Kaplan, Emily Zeitler, Dartmouth-Hitchcock Medical Center, Lebanon, NH, USA

**260 - DIAGNOSTIC ACCURACY OF THE DERIVED SPATIAL VECTORCARDIOGRAM IN IDENTIFYING ACUTE MYOCARDIAL ISCHEMIC INJURY USING CHAOTIC DYNAMICS**  
David Michael Schreck, Robert D. Fishberg, Steven Sheris, Linda D. Gillam, Richard Bednarz, Matthew Pincus, Atlantic Health System, Morristown, NJ, USA

**261 - REDUCTION OF UNNECESSARY HOSPITAL ADMISSIONS AND ER VISITS USING INTERREALITY CARE ON HIGH-RISK CHF-COPD PATIENTS AT MANAGED CARE SETTINGS**  
Maria Camila Patino, Irene Kouz, Nicholas Sanfilippo, Kaelin E. DeMuth, Michael Shen, Duxlink Health, Sunrise, FL, USA, Amicus MSO

**262 - DIGITAL INFORMED CONSENT IN A RURAL AND LOW-INCOME POPULATION**

Donald Clark, III, Julia Woods, Shirley Stasher, Daniel Jones, Richard Summers, University of Mississippi Medical Center, Jackson, MS, USA

**263 - MACHINE LEARNING TECHNIQUES TO PREDICT IN-HOSPITAL CARDIOVASCULAR OUTCOMES IN ELDERLY PATIENTS PRESENTING WITH ACUTE MYOCARDIAL INFARCTION**

Agam Bansal, Samir Kapadia, Stephen Ellis, Beni Rai Verma, Ingrid Hsiung, Medhat Farwati, Manpreet Kaur, Achintya Singh, Manik Aggarwal, Vardhmaan Jain, Venu Menon, Cleveland Clinic, Cleveland, OH, USA

**264 - CHEST PAIN NETWORK WITH SUPPORT OF TELEMEDICINE: IMPACT ON REPERFUSION THERAPY AND CLINICAL OUTCOMES**

Pedro Gabriel Melo De Barros E Silva, Thiago Macedo, Bernardo Lopes, Mariana Okada, Viviane Fernandes, Valter Furlan, Cardiologia Americas, São Paulo, Brazil, United Health Group Brazil

**Special - Poster Contributions**

**Session #1371**

**Cardiovascular Team Cases 6**

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

**265 - A CLINICAL PHARMACIST TELEPHONIC INTERVENTION FOR ACHIEVEMENT OF GUIDELINE DIRECTED MEDICATION THERAPY IN REDUCED EJECTION FRACTION HEART FAILURE: OPTIMIZATION IN AN INTERPROFESSIONAL SETTING**

Melissa A. Hull, John Polnak, Amir K. Durrani, Kaiser Permanente of Washington, Tacoma, WA, USA

**266 - CONGENITAL HEART DISEASE LIFELONG MANAGEMENT AND PROPER REFERRALS**

Monica Sanford, Northwest FL Heart Group, Pensacola, FL, USA

**Special - Poster Contributions**

**Session #1372**

**Spotlight on Special Topics: Shared Decision Making 6**

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

**267 - A NOVEL ALGORITHM OPTIMIZING REFERRAL FOR PRE-OPERATIVE CARDIAC EVALUATION IN OBESE PATIENTS UNDERGOING BARIATRIC SURGERY**

Kaitlyn Ibrahim, Vikram J. Eddy, Patricia Bernard, Joseph McComb, Martin Keane, Isaac R. Whitman, Rohit Soans, Temple University Hospital, Philadelphia, PA, USA

**268 - COST-BENEFIT ASSESSMENT IN PATIENTS WITH A CLINICAL INDICATION FOR PCSK9 INHIBITORS ACCORDING TO MEDICATION USE AND CLINICAL EVENT STATUS**

Ohad Oren, Stephen Kopecky, Mayo Clinic, Rochester, MN, USA

**Special - Poster Contributions**

**Session #1373**

**Spotlight on Special Topics: Global Cardiovascular Health 6**

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

**269 - PARAGUAYAN NATIONAL REGISTRY OF ACUTE CORONARY SYNDROME**  
Oscar Lios Paredes Gonzalez, Graciela Gonzalez, Luz Cabral Gueyraud, Felipe N. G. Fernandez, Miguel Adorno Artaza, Central Hospital IPS, Asuncion, Paraguay, Sociedad Paraguaya de Cardiologia, Asuncion, Paraguay



270 - ACUTE CORONARY SYNDROME AMONG YOUNG ADULTS WITH MODIFIABLE RISK FACTORS LINKED TO SEVERE CORONARY ARTERY DISEASE IN TRINIDAD & TOBAGO

Ravi Ramlal, Nicholas Taklalsingh, Ronan Ali, Risshi Rampersad, Ronald E. Henry, Shane Gieowarsingh, Isaac Dialsingh, Terence Seemungal, Surujpal Teelucksingh, The University of the West Indies, St Augustine, St Augustine, Trinidad and Tobago

271 - RESULTS FROM ECHOCARDIOGRAPHIC FOLLOW UP FOR RHEUMATIC HEART DISEASE AMONG A COHORT OF 276 CHILDREN IN SAMOA FROM 2013-2019

Marvin Allen, Marvin R. Allen, Alexis Stout, Jeddy Tuiloma, Ethan Andersen, Lori Allen, BYU, Provo, UT, USA

272 - ECONOMIC CONSEQUENCES OF RHEUMATIC HEART DISEASE IN NORTHERN AND CENTRAL UGANDA

Chinonso Opara, Yoshito Kawakatsu, Jenifer Atala, David Watkins, University of Washington, Seattle, WA, USA, Uganda Heart Institute, Kampala, Uganda

#### Special - Poster Contributions

##### Session #1374

##### Spotlight on Special Topics: Education and Training 6

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

273 - PRAGMATIC LESSONS FOR CONSTRUCTING POPULATION-BASED STEMI NETWORKS USING TELEMEDICINE

Sameer Mehta, Francisco Fernandez, Roberto Botelho, Sebastian Niklitschek, Carlos Villagran, Jorge Avila, Alejandra Frauenfelder, Daniel Vieira, Mariana Ceschim, Sohail Merchant, Akhil Vaid, Gladys Pinto, Isabella Vallenilla, Genesis Perez del Nogal, Lilly Prieto, Maritza Luna, Daniela Bou Daher, Samantha Quintero, Jorge Mazzini, Yogaraja Vijayan, Lumen Foundation, Miami, FL, USA, International Telemedical Systems, Santiago, Chile

274 - IMPROVING RATES OF SAME-DAY DISCHARGE AFTER ELECTIVE PERCUTANEOUS CORONARY INTERVENTION

Prakrity Urja, Saadi Abdulghani, Jane Peterson, Aiman Miloud Smer, Venkata Mahesh Alla, Jeffrey Carstens, CHI Health Bergan Mercy Creighton University Medical Center, Omaha, NE, USA

275 - A NOVEL SIMULATION CURRICULUM IMPROVES CARDIOVASCULAR FELLOW PERFORMANCE WITH CARDIAC IMPLANTABLE DEVICE REPROGRAMMING IN THE PERIOPERATIVE PERIOD

Matthew Needleman, Lauren Weber, Cynthia Philip, Walter Reed National Military Medical Center, Bethesda, MD, USA

276 - IMPACT OF FORMAL BEDSIDE TRANSTHORACIC ECHOCARDIOGRAPHY TRAINING FOR INTERNAL MEDICINE RESIDENTS

Kavita Khaira, Christen Dilly, Abhishek Khemka, Pantila Bateman, Indiana University, Indianapolis, IN, USA

277 - PROFESSIONAL LIVES OF WOMEN AND MEN IN CARDIOLOGY: INSIGHTS FROM 2019 AMERICAN COLLEGE OF CARDIOLOGY GLOBAL PROFESSIONAL LIFE SURVEY

Garima Sharma, Pamela Douglas, Anne Rzeszut, D. Elizabeth Le, Amy Sarma, Toniya Singh, Laxmi Mehta, American College of Cardiology, Washington, DC, USA

278 - COMPARISON OF ULTRASOUND GUIDED, ULTRASOUND ASSISTED AND "BLIND" PERICARDIOCENTESIS

Nils Petri, Jennifer Kloker, Wolfram G. Voelker, University Hospital Wuerzburg, Department of Internal Medicine I, Wuerzburg, Germany

#### Special - Poster Contributions

##### Session #1375

##### FIT Clinical Decision Making: Congenital Heart Disease 6

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

279 - LEFT TO RIGHT SHUNTING IN 60-YEAR-OLD PATIENT: ROLE OF PHYSICAL EXAMINATION

Whitney Kagabo, Dennis Grewal, Kimberly Borden, Cynthia Glasgow, Anees Razzouk, Brent M. Gordon, Ahmed Kheiw, Purvi Parwani, Loma Linda University Health, Loma Linda, CA, USA

280 - CORONARY TO PULMONARY ARTERY FISTULA AS AN IMPORTANT SOURCE OF PULMONARY BLOOD FLOW IN TETRALOGY OF FALLOT WITH PULMONARY ATRESIA

Struti Rao, Christian Pizarro, Mary Harty, Mark Cartoski, Nemours Cardiac Center, Nemours Alfred I. duPont Hospital for Children, Wilmington, DE, USA, Department of Radiology, Nemours Alfred I. duPont Hospital for Children, Wilmington, DE, USA

281 - NO EASY OPTIONS: CONGENITALLY CORRECTED TRANSPOSITION OF THE GREAT ARTERIES AND LEFT VENTRICLE TO PULMONARY ARTERY CONDUIT STENOSIS

J.D. Serfas, Reid Chamberlain, James Meza, Joseph Turek, Richard A. Krasuski, Gregory Fleming, Duke University Medical Center, Durham, NC, USA

282 - BRINGING DOWN THE ROOF: ANOMALOUS RIGHT CORONARY ARTERY ARISING FROM THE ASCENDING AORTA

Serena Ghanshani, Craig Baker, Jerold Shinbane, Keck School of Medicine of USC, Los Angeles, CA, USA

283 - A UNIQUE CASE OF ASD CLOSURE IN THE SETTING OF ABDOMINAL SITUS INVERSUS

Carmel Moazez, Mohammad Khatib, Dawood Findakly, Aaron Yu, Ranjini Raina Roy, Mehrdad Saririan, Creighton University Arizona Health Alliance, Phoenix, AZ, USA

284 - A RARE PRESENTATION OF PATENT DUCTUS ARTERIOSUS IN ADULT WITH NORMAL PULMONARY ARTERIAL PRESSURE

Gouthami Chennu, Sneetha Vijaykumar, Omar Kreidieh, Trevor Atherley, Rajiv Verma, Marc Cohen, Newark Beth Israel Medical Center, Newark, NJ, USA

285 - ASYMPTOMATIC 62 YEAR OLD WITH UNREPAIRED TETRALOGY OF FALLOT: BEATING THE ODDS

Robert Pearce, Jayshiv Badlani, Robert Biederman, Vinh Nguyen, Craig Michael Alpert, Allegheny General Hospital, Pittsburgh, PA, USA

286 - DON'T YOU FORGET ABOUT ME: THE MITRAL VALVE IN CONGENITALLY CORRECTED TRANSPOSITION OF THE GREAT ARTERIES

Jared Klein, Salima Bhimani, Robert Stewart, Rukmini Komarlu, Cleveland Clinic Children's, Cleveland, OH, USA

288 - WHEN A PULMONARY EMBOLISM IS MORE THAN MEETS THE EYE: INITIAL PRESENTATION OF PATENT DUCTUS ARTERIOSUS IN AN ADULT

Kavisha Singh, Amit Khera, Michael Luna, University of Texas Southwestern Medical Center, Dallas, TX, USA

289 - LEFT VENTRICULAR NONCOMPACTION WITH EBSTEIN ANOMALY SECONDARY TO MYH7 MUTATION

Kalyan R. Chitturi, Miguel Chavez Cavazos, Rahul Singh, Celia Pena Heredia, Lakshmi Chebrolu, Houston Methodist DeBakey Heart & Vascular Institute, Houston, TX, USA

290 - SURGICAL APPROACH TO ANOMALOUS RIGHT PULMONARY ARTERY FROM RIGHT PATENT DUCTUS ARTERIOSUS



Brian Lee, Chawki Elzein, Rupali Gandhi, Advocate Children's Hospital, Oak Lawn, IL, USA

291 - ROBBERY UNMASKING A RARE CASE OF CONGENITAL HEART DISEASE IN AN ADULT PATIENT

Ahmed Al-Ogaili, Ralph Matar, Ahmed Kolkailah, Ali Ayoub, Tareq Alyousef, Cook County Health, Chicago, IL, USA

292 - COORDINATED CARE ENHANCES DECISION-MAKING IN A PREGNANT WOMAN WITH EISENMENGER SYNDROME.

Emilie Laflamme, S. Lucy Roche, Rachel Wald, Toronto General Hospital, Toronto, Canada

293 - INCIDENTALOMA: SILENT EMBOLIZATION OF AN ATRIAL SEPTAL OCCLUDER DEVICE INTO DESCENDING AORTA

Monali Shah, Christine Yen, Aishwarya Bhardwaj, Anoshia Raza, Alfonso Waller, Rutgers New Jersey Medical School, Newark, NJ, USA

294 - PRIMUM NON-NOCERE: COMPLEX CONGENITAL HEART DISEASE IN AN ASYMPTOMATIC ADULT

Simone Jhaveri, Rajesh U. Shenoy, Barry Love, Shubhika Srivastava, Icahn School of Medicine at Mount Sinai, New York, NY, USA

295 - MULTIMODALITY CARDIAC IMAGING APPROACH FOR MANAGEMENT OF UNUSUAL CASE OF MISSED SINUS VENOSUS ASD

Michel Skaf, Syed Haider, Saman Setareh-Shenas, Ashish Correa, Soheila Talebi, Mount Sinai St. Luke's, New York, NY, USA

#### Special - Poster Contributions

##### Session #1376

##### FIT Clinical Decision Making: Heart Failure and Cardiomyopathies 6

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

296 - ADULT STILL'S DISEASE: A RARE CAUSE OF MYOPERICARDITIS DISGUISED AS A STEMI

Jessica Kvasic, Jay Shah, Joseph Wight, Maine Medical Center, Portland, ME, USA

297 - ACUTE MITRAL REGURGITATION AND CARDIOGENIC SHOCK: REVERSE TAKOTSUBO CARDIOMYOPATHY OR ACUTE CORONARY SYNDROME?

Scott Morin, Augustin Delago, Mohammed Essa, Kyle Pond, Mount Auburn Hospital, Cambridge, MA, USA, Harvard Medical School, Cambridge, MA, USA

298 - HYPEREOSINOPHILIC SYNDROME CAUSING NONISCHEMIC CARDIOMYOPATHY

Melissa Alvarez, Laura Machado Pichardo, Jasmin Martinez Castellanos, Mercy Catholic Medical Center-Mercy Philadelphia Campus, Philadelphia, PA, USA

299 - HEART FAILURE WITH REDUCED EJECTION FRACTION AND NOCTURNAL ATRIOVENTRICULAR BLOCK IN PATIENT WITH SLEEP APNEA HYPOPNEA SYNDROME

Weiwei Xie, Yuxi Li, Erdong Chen, Yang Yu, Ying Yang, Cheng Zhang, Yueyuan Li, Pengkang He, Wenhui Ding, Jianping Li, Xinan Cen, Cardiology Department of Peking University First Hospital, Beijing, People's Republic of China

300 - EPELLA SUPPORT STRATEGY FOR THE MANAGEMENT OF ACUTE MYOCARDIAL INFARCTION COMPLICATED BY CARDIOGENIC SHOCK DUE TO PAPILLARY MUSCLE RUPTURE

Emmanuel Ekanem, Raghav Gattani, Hooman Bakhshi, Behnam Tehrani, Matthew William Sherwood, Kelly Epps, Abdulla Damluji, Carolyn Rosner, Alexander George Truesdell, Christopher R. DeFilippi, Shashank Sinha, Wayne B. Batchelor, INOVA Fairfax Medical Campus, Falls Church, VA, USA

301 - SYMPTOMATIC HYPERTROPHIC CARDIOMYOPATHY WITH NORMAL RESTING AND STRESS LEFT VENTRICULAR OUTLET TRACT GRADIENT DIAGNOSED WITH INVASIVE PROVOCATIVE TESTING

Abdul Haseeb, Hamza Hafeez, Sharath Rajagopalan, Mirza Mujadil Ahmad, Raza Mian, Najam Saqib, Muhammad Siddique Pir, Muhammad Bilal, Nicholas Ierovante, The Wright Center for GME, Scranton, PA, USA

302 - APICAL HYPERTROPHIC CARDIOMYOPATHY IN TRANSPLANTED HEART: A CASE REPORT

Fadi Ghrair, Obai Abdullah, Abdallah Mansour, Tushar Tarun, Senan Yasar, Mary Dohrmann, Senthil Kumar, University of Missouri-Columbia, Columbia, MO, USA

303 - AN UNUSUAL ETIOLOGY OF RECURRENT MASSIVE PERICARDIAL EFFUSION

Yu Kang, Jiayi Lin, Xiaojing Chen, Qing Zhang, West China Hospital, Sichuan University, Chengdu, People's Republic of China

304 - BLINDED BY THE LIGHT: TRANSTHYRETIN CARDIAC AMYLOID MISDIAGNOSED AS AL AMYLOID

Joseph B. Negusei, Alberta L. Warner, Ronald Reagan UCLA Medical Center, Los Angeles, CA, USA, VA Greater Los Angeles Healthcare System, Los Angeles, CA, USA

305 - SEVERE INTRAMYOCARDIAL CALCIFICATION: MORE THAN JUST MITRAL ANNULAR CALCIFICATION

Dixitha Anugula, Raviteja Guddeti, Nagarjuna Reddy Gujjula, Prakrity Urja, Dennis Esterbrooks, Arun Kanmanthareddy, Creighton University Bergan Mercy Medical Center, Omaha, NE, USA

306 - POLYSEROSITIS AS THE MAIN MANIFESTATION OF EFFUSIVE-CONSTRICTIVE PERICARDITIS IN A POST-TRAUMATIC PATIENT

Jiang Yixiao, Yuxi Li, Ying Yang, Wei Ma, Yang Yu, Rongyue Liang, Ziguang Yan, Jianxing Qiu, Meilin Liu, Wenhui Ding, Jianping Li, Peking university first hospital, Beijing, People's Republic of China

307 - CARDIOGENIC SHOCK WITH A CONTRADICTION: LESSONS IN BIAS & THE POWER OF TEAM-BASED CARE

Mohammad-Ali Jazayeri, Elizabeth Cotter, Brigid Flynn, Nicholas Haglund, University of Kansas Medical Center, Kansas City, KS, USA

308 - FULMINANT CARDIOGENIC SHOCK DUE TO CARDIAC SARCOIDOSIS

Leonard Genovese, Amit Dey, Robert T. Cole, Lauren Cooper, Shashank Desai, Christopher May, Eric Sarin, Palak Shah, Shashank Sinha, Mitchell Psotka, Inova Heart and Vascular Institute, Falls Church, VA, USA, National Institute of Health, Bethesda, MD, USA

309 - EOSINOPHILIC MYOCARDITIS IN A PATIENT WITH BIOPSY PROVEN SYSTEMIC SARCOIDOSIS WHO WAS REFERRED FOR BRADYCARDIA

Brian Butera, Krishna Modi, Jennifer Ann Cowger, Cori Russell, Henry Ford Health System, Detroit, MI, USA

310 - FULMINANT MYOCARDITIS AND COMPLETE HEART BLOCK FOLLOWING PEMBROLIZUMAB TREATMENT

Melroy Dsouza, Devinder Dhindsa, Emory University, Atlanta, GA, USA

311 - A CASE OF ACUTE CARDIOMYOPATHY DUE TO IMMUNE CHECKPOINT BLOCKER PEMBROLIZUMAB

Raghavendra Makam, Youssef Rahban, David Gerson, Glenn Stokken, University of Massachusetts Medical School, Worcester, MA, USA

312 - A CASE OF SEVERE LEFT VENTRICULAR SYSTOLIC DYSFUNCTION ASSOCIATED WITH UNCONTROLLED HYPERTENSION RECOVERING WITHIN 3 MONTHS OF HYPERTENSION CONTROL

Raghavendra Makam, Gerard P. Aurigemma, University of Massachusetts Medical School, Worcester, MA, USA





313 - BACTERIAL ENDOCARDITIS IN EARLY POST PEDIATRIC HEART TRANSPLANT RECIPIENT

John Anthony Coppola, Mark Bleiweis, Giri Kaliki, Fredrick Fricker, Biagio Pietra, Dipankar Gupta, Renata Shih, Congenital Heart Center University of Florida, Gainesville, FL, USA

314 - HYPOTHYROIDISM INDUCED CARDIOMYOPATHY

Zunair Mushtaq, Zoraiz Mushtaq, Aisha Kanwal, Faraz Fiazuddin, University of Texas Health Science Center, San Antonio, TX, USA

315 - HAND-FOOT-MOUTH-EFFUSIVE CONSTRICTIVE PERICARDITIS DISEASE

Ahmed Saleh, Nadia Shaikh, Rana Tariq, Jana E. Montgomery, Beth Israel Lahey Health, Burlington, MA, USA

316 - A RARE PRESENTATION OF CHAGASIC CARDIOMYOPATHY WITH STROKE

Hanyuan Shi, Christopher Salmon, Carola Maraboto-Gonzalez, Tulane University, New Orleans, LA, USA

317 - HIDING IN PLAIN SITE: SYSTEMIC INVOLVEMENT IN A PATIENT WITH ATTR CARDIAC AMYLOIDOSIS

Golsa Joodi, Raymond Foley, Joyce Meng, Edward Miller, Cesia Maria Gallegos Kattan, Yale University, New Haven, CT, USA, University of Connecticut, Farmington, CT, USA

318 - A CASE OF MULTIPLE MYELOMA DISGUISED AS HEART FAILURE

Harleen Chahil, Mohammad Mathboub, Shahab Ghafghazi, University of Louisville, Louisville, KY, USA

319 - CARDIAC AMYLOIDOSIS: A CAUSE OF SYMPTOMATIC PREMATURE VENTRICULAR CONTRACTIONS

Yousaf Adnan, Taha Ahmed, Pooja Mishra, Muhammad U. Ali, Hassan Mehmood Lak, Metrohealth Medical Center, Cleveland, OH, USA, Cleveland Clinic Foundation - Fairview Hospital, Cleveland, OH, USA

320 - NOT A TYPICAL SYNCOPE: AN UNUSUAL PRESENTATION OF YAMAGUCHI CARDIOMYOPATHY

Migdoel Cruz, Dagmar Hernandez-Suarez, Fiorella Rodriguez-Rivera, Sharlene Medina Aviles, Jorge Juan Ballester Maldonado, Ismael Santos, Pedro Enrique Vargas Otero, Centro Cardiovascular de Puerto Rico y el Caribe, San Juan, PR, USA

321 - A CHALLENGING CASE OF COEXISTENT HYPERTROPHIC OBSTRUCTIVE CARDIOMYOPATHY AND AORTIC STENOSIS

Emily Hodskins, Sheldon Litwin, Christopher D. Nielsen, Medical University of South Carolina, Charleston, SC, USA

322 - CHARACTERIZING AL AND TTR CARDIAC AMYLOIDOSIS IN THE SETTING OF PRE-EXISTING HEART DISEASE

Manasa Gurumoorathi, University Hospitals Cleveland Medical Center, Cleveland, OH, USA, Case Western Reserve University School of Medicine, Cleveland, OH, USA

323 - A FULMINANT COURSE: GIANT CELL MYOCARDITIS PRESENTING AS SYNCOPE

Deanna Yamamura, Mossaab Shuraih, Corpus Christi Medical Center, Corpus Christi, TX, USA

324 - AN UNLIKELY CAUSE OF DECOMPENSATED HEART FAILURE: HEPATOCELLULAR CARCINOMA

David Heredia, Leonell Freytes, Jose Roman-Ramos, Edgardo Bermudez, Hospital Episcopal San Lucas, Ponce, PR, USA

325 - IVIG AS SAVIOR IN A PATIENT WITH GROUP A STREPTOCOCCUS ASSOCIATED FULMINANT MYOCARDITIS

Jagjit Khosla, Kartik Dhaduk, Rahul Gupta, Wilbert Aronow, Avi Levine, Westchester Medical Center, Valhalla, NY, USA

326 - A SWEET PERICARDIAL EFFUSION

Leonell Freytes, Robert Rodriguez, Edgardo Bermudez, Pedro Santiago Rodriguez, San Lucas, Ponce, PR, PR

327 - FULMINANT CARDIOGENIC SHOCK PRECIPITATED BY TAKOTSUBO CARDIOMYOPATHY: A CASE DIAGNOSED USING MULTIMODALITY APPROACH

Xingchen Mai, Navneet Narula, Stephen Pan, Alex Reyentovich, New York University, New York, NY, USA

328 - PALPITATIONS IN PREGNANCY ARE NOT ALWAYS A BENIGN PRESENTATION

Kailyn Mann, Jahangir Khan, Syed Rafay Ali Sabzwari, Lekha Racharla, Amy M. Ahnert, Joanne Quinones, Yasotha Rajeswaran, Deborah Sundlof, Lehigh Valley Health Network, Allentown, PA, USA

329 - SICKLE CELL ASSOCIATED CARDIOMYOPATHY: UTILITY OF T2 WEIGHTED CARDIAC MRI

Prithvi Mavuri, Gyanendra Sharma, Stephanie H. Dunlap, Yaser Nemshah, Augusta University Medical Center, Augusta, GA, USA

330 - ISOLATED LEFT VENTRICULAR NON COMPACTION CARDIOMYOPATHY ASSOCIATED WITH ACUTE STROKE IN YOUNG ADULT: CHALLENGING DIAGNOSIS AND TREATMENT

Mohamad Firas Barbour, Akhil Rasim Reddy, Annie Dong, Derar Albashaireh, Wallacy Garcia, Parkview Medical Center, Pueblo, CO, USA

331 - SAVED BY THE VEST: A CASE OF POSTPARTUM CARDIOMYOPATHY AND SPONTANEOUS CORONARY ARTERY DISSECTION

Sananda Moctezuma, Saman Setareh-Shenas, Paul Leis, Syed Haider, Scott Kaplin, Robert Kornberg, Eyal Herzog, Mount Sinai St Luke's, New York, NY, USA

332 - ISOLATED PARACHUTE MITRAL VALVE IN AN ADULT: A RARE CAUSE OF MITRAL STENOSIS

Mobasser Mahmood, Hemindermeet Singh, Sindhu Avula, Syed Ali, Mercy Health St Vincent Medical Center, Toledo, OH, USA

333 - MULTIMODALITY IMAGING IN THE ASSESSMENT IN CARDIAC SARCOIDOSIS: CONSIDER CORONARY ARTERY DISEASE

Lowell A. Safren, Mrinalini Krishnan, Mithun Devraj, Anjani Pillarisetty, Farooq Sheikh, MedStar Washington Hospital Center, Washington, DC, USA, MedStar Georgetown University Hospital, Washington, DC, USA

334 - NO ROOM TO BREATHE: A CASE OF MASSIVE CARDIOMEGALY SECONDARY TO RHEUMATIC HEART DISEASE

Tarick Sheikh, Brian Holahan, Amogh Joshi, Lekha Racharla, Emilee Kurtz, Sara Godil, Paul Secheresiu, Sagar Vadhar, Lehigh Valley Health Network, Allentown, PA, USA

335 - FOCAL MYOPERICARDITIS MASQUERADING AS ACUTE ST-ELEVATION MYOCARDIAL INFARCTION

Rahul Vasudev, Nirmal Guragai, Shaddy Younan, Raja Pullatt, Faye Shamoon, St. Joseph's University Medical Center, Paterson, NJ, USA

336 - REMOVAL OF A SURELY FATAL GIANT RIGHT HEART THROMBUS IN A PATIENT WITH END-STAGE SYSTOLIC HEART FAILURE

Pedro Engel Gonzalez, James Keeton, Lynn Huffman, Alpesh Amin, Robert Morlend, Pradeep Mammen, Faris Araj, University of Texas Southwestern Medical Center, Dallas, TX, USA

337 - CARDIOMYOPATHY CAUSED BY SECONDARY HEMOCHROMATOSIS IN A PATIENT WITH MYELODYSPLASTIC SYNDROME

Desire G. Guthier, Jahangir Khan, Nauman Islam, Lehigh Valley Health Network, Allentown, PA, USA

338 - A RARE CAUSE OF A NON-REMITTING PERICARDIAL EFFUSION IN A PATIENT WITH LUPUS





Tara Holder, Devin Patel, Joseph Salloum, Vineet Agrawal, Vanderbilt University Medical Center, Nashville, TN, USA

339 - MYCOPLASMA PNEUMONIAE INDUCED CARDIOMYOPATHY

Manel Boumegouas, Thamer Almalki, Atanas Iliev, Abraham Alsherbini, Michigan State University, Lansing, MI, USA

340 - REVERSE TAKOTSUBO CARDIOMYOPATHY FOLLOWING CATHETER ABLATION OF ATRIAL FIBRILLATION

Waiel Abusnina, Teresa Ratajczak, Samy Elayi, Yousef Darrat, University of Kentucky, Lexington, KY, USA

Special - Poster Contributions

Session #1377

**FIT Clinical Decision Making: Non Invasive Imaging 6**

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

341 - MULTIMODALITY IMAGING IN EVALUATION OF COMPLICATIONS OF MYOCARDIAL INFARCTION: IS IT AN ANEURYSM, PSEUDANEURYSM, OR NEITHER?

David Houff, Renuka Jain, Mirza Baig, Mahmoud Ali, John Crouch, Patrycja Galazka, Jayant Khitha, Aurora Sinai/Aurora St. Luke's Medical Centers, Milwaukee, WI, USA

342 - MULTIMODAL CARDIAC IMAGING APPROACH IN ATYPICAL CHEST PAIN RESULTING IN PRIMARY RIGHT ATRIAL CARDIAC SPINDLE CELL SARCOMA

Hector Lopez de la Garza, José Gildardo Paredes-Vázquez, Jaime Alberto Guajardo Lozano, Hector Guillermo Betancourt Del Campo, Vicente Jimenez Franco, Hernan Azpiri, Carlos Jerjes-Sánchez, Juan Alberto Quintanilla Gutierrez, Felipe Valdes, David Rodriguez, Jathniel Panneflek, Instituto de Cardiología y Medicina Vascular TecSalud, San Pedro Garza García, Mexico

343 - ALL THAT GLITTERS IS NOT GOLD; DUE DILIGENCE WHEN INTERPRETING PYROPHOSPHATE CARDIAC SCANS TO AVOID MISDIAGNOSIS OF TRANSTHYRETIN CARDIAC AMYLOIDOSIS

Brian Butera, Brian Butera, Krishna Modi, Diane Klingler, James McCord, Karthikeyan Ananthasubramaniam, Henry Ford Health System, Detroit, MI, USA

344 - MULTIMODALITY IMAGING IN THE DIAGNOSIS OF CARDIAC MELANOMA

Matthew M. Borkovich, Evgeny Shkolnik, Ahmadreza Ghasemiesfe, Ari Pollack, Stuart W. Zarich, Yale New Haven/Bridgeport Hospital, Bridgeport, CT, USA

345 - HYPOXIA, RIGHT-LEFT SHUNT, AND A UNFORTUNATELY LOCATED MASS

George Bodziock, Mahesh Chandrasekhar, Karl Richardson, Wake Forest Baptist Medical Center, Winston-Salem, NC, USA

346 - RIGHT ATRIAL THROMBUS MASQUERADING AS A MYXOMA. SYNERGISTIC EFFECTS OF HORMONAL CONTRACEPTIVES AND ANTI-PHOSPHOLIPID ANTIBODIES

Zeba Hashmath, Abhishek Bose, Ajay Mishra, Ramses Thabet, Devon McCormick, Mark Kranis, Saint Vincent Hospital, Worcester, MA, USA

347 - GIANT RIGHT CORONARY ARTERY ANEURYSM: DELINEATING ANATOMY AND FUNCTION WITH MULTIMODALITY IMAGING

Kameel Kassab, Mina Iskander, Malek Massad, Ray Sawaqed, Saurabh Malhotra, Nataliya Pyslar, Cook County Health, Chicago, IL, USA

348 - AN UNUSUAL CASE OF RELAPSING PAROTID ADENOCARCINOMA PRESENTING AS DIFFUSE METASTATIC MYOCARDIAL DISEASE

Upasana Jarori, Abhishek Khemka, Ronald Mastouri, Indiana University, Indianapolis, IN, USA

349 - PAROXYSMAL ATRIAL FIBRILLATION PRECIPITATED BY LISTERIA PERICARDITIS

Mary Zulty, Arijun Kanwal, Raymond Kenneth Young, MedStar Health Internal Medicine Residency, Baltimore, MD, USA

350 - THE IMPLICATIONS OF AN ANATOMICAL ANOMALY: A CASE OF AN INTRACAMERAL RIGHT CORONARY ARTERY (RCA)

Mahin Rehman, Saurabh Sharma, Joseph Ronsivalle, Najeeb Rehman, Julius Aitsebaomo, Guthrie Robert Packer Hospital, Sayre, PA, USA

351 - A UNIQUE RCA: AN ANOMALOUS ORIGIN WITH A COURSE BETWEEN THE GREAT VESSELS

Mahin Rehman, Saurabh Sharma, Joseph Ronsivalle, Najeeb Rehman, Benjamin McClintic, Guthrie Robert Packer Hospital, Sayre, PA, USA

352 - ARRRHYTHMOGENIC RIGHT VENTRICULAR DYSPLASIA: DID YOU EXCLUDE SARCOIDOSIS?

Venkata Satish Pendela, Bassil Said, Medhat Chowdhury, Pujitha Kudaravalli, Vishal Parikh, Rochester General Hospital, Rochester, NY, USA

353 - A RARE CASE OF LYMPHOMA PRESENTING WITH CONSTRICTIVE PERICARDITIS

Prajwal Reddy, Nandan Anavekar, Mayo Clinic, Rochester, MN, USA

354 - A METEOR SHOWER OF THROMBOEMBOLI ORIGINATING FROM THE EUSTACHIAN VALVE

Oladele Fabunmi, Kieun Seok, Nicholas Kotch, University of South Florida, Tampa, FL, USA

355 - A HOLE IN THE PARADIGM: INFECTIVE ENDOCARDITIS COMPLICATED BY A GERBODE-TYPE DEFECT

Ariel Bodker, Noelle Garster, Steven Peterson, Michael Gitter, Medical College of Wisconsin, Wauwatosa, WI, USA

356 - CASEOUS MITRAL ANNULAR CALCIFICATION: AN UNRECOGNIZED CAUSE OF CARDIOEMBOLIC EVENTS

Phoo Pwint Nandar, Muhammad Zulqarnain, Roger Chaffee, Summa Health Heart and Vascular Institute, Akron, OH, USA

357 - A RARE CAUSE OF PALPITATIONS: CARDIAC PARAGANGLIOMA OF THE POSTERIOR ATRIOVENTRICULAR GROOVE

Adhirath Doshi, Abhishek Bose, Deepika Panday, Kenneth Quadros, Neeta Shah, Saint Vincent Hospital, Worcester, MA, USA

358 - PSEUDOANEURYSM IDENTIFICATION USING CONTRAST ECHOCARDIOGRAPHY

Alec Kherlopian, Sunita Sharma, Sherif Labib, Lahey Hospital and Medical Center, Burlington, MA, USA

359 - DETECTION OF PROSTHETIC AORTIC VALVE ENDOCARDITIS WITH ROOT ABSCESS USING FDG-PET IMAGING

Krishna Upadhyaya, Sumeet Pawar, Nimish Shah, Catherine Dillon, Elise Meoli, Robert McNamara, Edward Miller, Lissa Sugeng, Yale-New Haven Hospital, New Haven, CT, USA

360 - LOCALIZED RIGHT ATRIAL TAMPONADE POST CABG

Ahmed Amro, Mohammad Amro, Kanaan Mansoor, Jason Mader, Silvestre Cansino, Marshall University School of Medicine, Huntington, WV, USA

361 - CARDIAC TAMPONADE AS FIRST PRESENTATION OF HODGKIN'S LYMPHOMA

Jennifer Taylor, Ihab Hassanieh, Tarek Helmy, Elsayed Abo-Salem, Saint Louis University Hospital, Saint Louis, MO, USA

362 - LEFT VENTRICULAR METASTASIS IN A PATIENT WITH RENAL CELL CARCINOMA WITHOUT INFERIOR VENA CAVA INVOLVEMENT: A RARE OCCURRENCE



Heyvan B. Khalil, Muhammad T. Bajwa, Aneesh Pakala, University of Oklahoma Health Sciences Center, Oklahoma City, OK, USA

363 - COUMADIN RIDGE MASS: DIFFICULTIES IN DIFFERENTIAL DIAGNOSIS AND TREATMENT

Mariia Nikolaeva, Artem Atsaturon, Michael Maysky, Michael Johnstone, St. Elizabeth's Medical Center, Boston, MA, USA

364 - THE MYSTERIOUS MITRAL VALVE MASS: A CASE OF VALVULAR MYXOMA

Anjali Sharma, Manish Kumar, Andrew Ricci, David Silverman, Hartford Hospital, Hartford, CT, USA

365 - 'OBSTRUCTION ALTERNANS': A RARE DOPPLER ECHOCARDIOGRAPHIC SIGN OF SEVERE, PROSTHETIC STENOSIS

Neha Maheshwari Mantri, Vishy Lanka, Mario Pompili, Keane Lee, Seema Pursnani, Kaiser Permanente, Santa Clara, CA, USA

366 - CARDIAC TAMPONADE: A RARE SEQUELA OF GRAFT VERSUS HOST DISEASE

Aneeq Waqar, Aisha Ansar, Naeem Moulki, Mohammad Hashim Jilani, Loyola University Medical Center, Maywood, IL, USA

367 - INFECTIVE ENDOCARDITIS OF UNICOMMISSURAL AORTIC VALVE COMPLICATED BY MITRAL-AORTIC INTERVALVULAR FIBROSA PSEUDOANEURYSM

Salima Bhimani, Jared Klein, Hani K. Najm, Robert Stewart, Patel Chandrakant, Rukmini Komarlu, Cleveland Clinic Children's, Cleveland, OH, USA, Akron Children's Hospital, Akron, OH, USA

368 - UNUSUAL ECHOCARDIOGRAPHIC FINDINGS OF MYOCARDITIS MIMICKING AN AORTIC RUN-OFF LESION

Sarah Studyvin, Barbara Pahud, Christine Symes, Nitin Madan, Children's Mercy Hospital, Kansas City, MO, USA

369 - GIANT CORONARY ANEURYSM NEEDS MULTIMODALITY IMAGING

Sarina Sachdev, Landai Nguyen, Hassan Tahir, Muhammad Rafique, Farnoosh Rahimi, Christopher Michael Malozzi, Amod Amritphale, Ghulam Awan, Carl Maltese, Bassam Omar, University of South Alabama, Mobile, AL, USA

370 - UNUSUAL SURVIVAL IN A PATIENT WITH MRSA PERICARDITIS WITH RAPIDLY PROGRESSIVE PERICARDIAL EFFUSION AND ABSCESS TREATED MEDICALLY IN COMBINATION WITH PERCUTANEOUS INTERVENTION

Mateen Saffarian, Peter Zihao Xu, Anilkumar Mehra, Enrique Ostrzega, LAC USC Medical Center, Los Angeles, CA, USA

371 - HOW AN IMAGE CAN SOLVE THE CASE: RARE SOURCE OF INTRACARDIAC EMBOLI

Zackary Tushak, Jaideep Patel, Aaron Schatz, Rajiv Ashok Kadi, Taha Al-Jubaishi, Taeshik Park, Antonio Abbate, Phoebe Ashley, Virginia Commonwealth University Health, Richmond, VA, USA

372 - RESTRICTIVE ENCAPSULATING CARDIAC ANGIOSARCOMA

Zackary Tushak, Jaideep Patel, Frank Dana, Virginia Commonwealth University Health, Richmond, VA, USA

373 - THE GREAT MIMICKER: UNVEILING CARDIAC AMYLOIDOSIS DISGUISED AS HYPERTROPHIC OBSTRUCTIVE CARDIOMYOPATHY

Bilal Saqi, Sara Godil, Syed Rafay Ali Sabzwari, Paul Secheresiu, Tarick Sheikh, Ghulam Akbar, Lehigh Valley Health Network, Allentown, PA, USA

374 - SUCCESSFUL DIFFERENTIATION OF CORONARY PULMONARY ARTERIAL FISTULA FROM MEDIASTINAL TUMOR BY ECG-GATED COMPUTED TOMOGRAPHY

Masahiro Okamoto, Nobusada Funabashi, Yoshio Kobayashi, Chiba University, Chiba, Japan

375 - VERAPAMIL OVERDOSE: BALANCING PHYSIOLOGY OF DYNAMIC LVOTO WITH COMPLETE HEART BLOCK AND VASOPLEGIC SHOCK

Jay Shah, Jessica Kvasic, William Sauer, Patrick Hohl, Bram Geller, Maine Medical Center, Portland, ME, USA

#### Special - Poster Contributions

##### Session #1378

#### FIT Clinical Decision Making: Pulmonary Hypertension and Venous Thrombo-embolic Disease 6

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

376 - PARADOXICAL CORONARY EMBOLISM IN THE SETTING OF PFO

Carlos Godoy Rivas, Anjali Sharma, Bhaskar Arora, Abhishek Jaiswal, University of Connecticut/ Hartford Hospital, Hartford, CT, USA

377 - SHUNT THE FRONT DOOR: PFO CLOSURE IN A PATIENT WITH PULMONARY HYPERTENSION

Muhammad Abubakar Shakir, Jackson Walker, Evan Cohen, Daniel Wang, Jonathan Doroshov, Catherine Kuntz, Lankenau Medical Center, Wynnewood, PA, USA

378 - USING CLINICAL ANOMALIES TO UNCOVER CONGENITAL ANOMALIES IN THE DIAGNOSIS OF INTRACARDIAC SHUNT

Rajeev Masson, Paniz Vafaei, Umar Malik, Jana Svetlichnaya, Jennifer Ting, Kaiser Permanente San Francisco Medical Center, San Francisco, CA, USA

379 - THE ART BEHIND LINES, OPACITIES, ADENOPATHY & EDEMA: PULMONARY VENO-OCCLUSIVE DISEASE

Jose Benjamin Cruz Rodriguez, Adriana Mares, Anoop Ayyappan, Haider Alkhateeb, Hernando Garcia, Texas Tech University Health Sciences Center, El Paso, TX, USA

380 - MASSIVE MAIN PULMONARY ARTERIAL ANEURYSM COMPLICATED BY SEVERE PULMONARY ARTERIAL HYPERTENSION

Amy Goodrich-Harris, Raghav Gattani, Michael Eggert, Eastern Virginia Medical School, Norfolk, VA, USA

381 - TRIPLE PULMONARY HYPERTENSIVE THERAPY IN EISENMENGER SYNDROME

Benjamin H. Hammond, Salima Bhimani, Rula Balluz, Cleveland Clinic, Cleveland, OH, USA

382 - UNEXPECTED ETIOLOGY OF ACUTE PULMONARY HYPERTENSION IN A NEONATE

Caitlin E. Fogarty, Ashley V. Adams, Ogochukwu Nwanne, Nicholas G. Guerina, Salley G. Pels, James W. Ziegler, Hasbro Children's Hospital, Providence, RI, USA, Brown University, Providence, RI, USA

#### Special - Poster Contributions

##### Session #1379

#### FIT Clinical Decision Making: Vascular Medicine 6

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

383 - LEUKOCYTOCLASTIC VASCULITIS DUE TO ACUTE INFECTIVE ENDOCARDITIS IMPROVES WITH ANTIBIOTICS

Jeffrey Spindel, Ishan Parikh, Shahab Ghafghazi, University of Louisville, Louisville, KY, USA

384 - VASCULAR ACCESS FOR PERCUTANEOUS LEFT VENTRICULAR ASSIST DEVICE (PLVAD) IN FEM-FEM BYPASS

Mohammad Al-Akchar, Mukul Bhattarai, Mohsin Salih, Tian Zhang, Douglas Hood, Abhishek Kulkarni, Abdul Moiz Hafiz, Southern Illinois University, Springfield, IL, USA



385 - THE ANEURYSMAL MAN

Raghav Gattani, Mark C. Flemmer, Eastern Virginia Medical School, Norfolk, VA, USA

386 - TO BE OR NOT TO BE: A CASE OF RECURRENT SWELLING SYNDROME OF THE THORACIC DUCT

Ayesha Azmeen, Ayesha Shaik, John McArdle, John Foster, Hartford Hospital, Hartford, CT, USA

387 - ASSOCIATION OF CHIROPRACTIC THERAPY, ATHEROSCLEROSIS AND AMAUROSIS FUGAX

Abdallah Qasim, Omar Kousa, Amy Arouni, Creighton University, Omaha, NE, USA

388 - RADIOTHERAPY INDUCED VASCULAR OCCLUSION: PERCUTANEOUS ANGIOPLASTY VS CONSERVATIVE APPROACH

Abdallah Qasim, Omar Kousa, Amjad Kabach, Creighton University, Omaha, NE, USA

389 - HIGH OUTPUT HEART FAILURE DUE TO RUPTURED ABDOMINAL AORTIC ANEURYSM

Travis R. Huffman, Mohammad Mathbout, Andrew P. DeFilippis, Shahab Ghafghazi, University of Louisville, Louisville, KY, USA

390 - SPONTANEOUS HEPARIN INDUCED THROMBOCYTOPENIA: WHEN A POST-OP PULMONARY EMBOLISM ISN'T JUST A POST-OP PULMONARY EMBOLISM

John Hornick, Grace Ayafor, Summa Health, Akron, OH, USA, Northeast Ohio Medical University, Rootstown, OH, USA

391 - CATASTROPHIC THROMBOTIC STORM IN A YOUNG HISPANIC FEMALE DIAGNOSED WITH DEEP VEIN THROMBOSIS

Sharlene Medina Aviles, Dagmar Hernandez-Suarez, Jonathan Cordero-Jiménez, Jose G. Rodriguez Velez, Migdoel Cruz, Pedro Enrique Vargas Otero, Centro Cardiovascular de Puerto Rico y el Caribe, San Juan, PR, USA

392 - ALL THE WRONG PROBLEMS BUT ALL THE RIGHT ANSWERS: COMPLEX DECISION MAKING THROUGH PULMONARY EMBOLISM RESPONSE TEAM

Cherisse Baldeo, Randy K. Ramcharitar, Aditya M sharma, Sheeran Daniel, University of Virginia, Charlottesville, VA, USA

393 - HEPARIN-INDUCED THROMBOCYTOPENIA POST RECENT CORONARY ARTERY BYPASS GRAFTING CAUSING LOSS OF VENOUS GRAFTS

Rizwan Khan, Javier Balda, Lana Tsao, St. Elizabeth's Medical Center/Tufts University School Of Medicine, Boston, MA, USA

394 - IDIOPATHIC AORTITIS: AN ATYPICAL CASE ISOLATED TO THE CORONARY SINUS LEADING TO OBSTRUCTIVE CORONARY ARTERY DISEASE

Lekha Racharla, Preysi Patel, Tarick Sheikh, Kailyn Mann, Emilee Kurtz, Tyler Boozel, Amy M. Ahnert, Joanne Quinones, Lehigh Valley Health Network, Allentown, PA, USA

395 - FULL-SPECTRUM OF RADIATION-ASSOCIATED CARDIAC DISEASE IN A PATIENT WITH HODGKIN'S LYMPHOMA

John-Phillip Markovic, Rebekah Lantz, Ajay Agarwal, Veterans Affairs Medical Center, Dayton, OH, USA, Kettering Medical Center, Kettering, OH, USA

396 - IT'S IN THE DIFFERENTIAL: MASSIVE PULMONARY EMBOLISM PRESENTING AS ANTERIOR STEMI

Rakhee R Makhija, Christopher Chen, Sandhya Venugopal, Aaron Schelegle, Ezra A. Amsterdam, University of California, Davis Medical Center, Sacramento, CA, USA

397 - VASCULAR MALADAPTATION IN CHRONIC THROMBOEMBOLISM COMPLICATING AORTIC ROOT ANEURYSM: A THERAPEUTIC CONUNDRUM

Sana Hanif, Sandhya Balaram, Preeti Jadhav, Jonathan N. Bella, Vaani Garg, Bronxcare Hospital Center, Bronx, NY, USA, Mount Sinai St Luke's Roosevelt, Manhattan, NY, USA

398 - INFECTED ABDOMINAL AORTIC ANEURYSM: A RARE ENTITY

Nazia Alvi, Phivu Nguyen, Seban Liu, Bharat Surani, Uday Patel, Atif Siddique, Martin Phillips, Nha Huynh, Riverside Medical Center, Kankakee, IL, USA

399 - SARCOIDOSIS ASSOCIATED GRANULOMATOUS VASCULITIS CAUSING HYPERTENSION AND ACUTE RENAL INFRACTION IN A TEENAGE BOY

Wei Song, Ni Qian, First Affiliated Hospital of Dalian Medical University, Liaoning, IL, People's Republic of China

400 - UNUSUAL PRESENTATION OF VERTEBROBASILAR DOLICHOECTASIA CONTRIBUTING TO ATAXIA

Hanyuan Shi, Jonathan L. Chang, Jennifer Chiurco, Patricia J. O'Brien, Tulane University, New Orleans, LA, USA

401 - PSEUDOXANTHOMA ELASTICUM WITH SYSTEMIC MULTIPLE ARTERIAL ANEURYSMS AND DILATATIONS DETECTED BY WHOLE BODY COMPUTED TOMOGRAPHY CONFIRMED BY SKIN, SURGICAL AND AUTOPSY SPECIMENS  
Masahiro Okamoto, Nobusada Funabashi, Yoshio Kobayashi, Chiba University, Chiba, Japan

402 - A CASE OF GIANT AORTIC ANEURYSM PRESENTING WITH DYSPNEA DUE TO AORTIC REGURGITATION CAUSED BY SUBACUTE TYPE A DISSECTION

Kevin Tayon, Aditi Shankar, Carter King, Texas Health Presbyterian Hospital Dallas – Department of Internal Medicine, Dallas, TX, USA

403 - PULMONARY VEIN STENOSIS MASQUERADING AS PNEUMONIA IN A PATIENT WITH PRIOR RADIOFREQUENCY CATHETER ABLATION OF ATRIAL FIBRILLATION

Hari Chaliki, F. David Fortuin, Reza Arsanjani, Hong Seok Lee, Mayo Clinic, Phoenix, AZ, USA

404 - CARDIOGENIC SHOCK IN DISGUISE: A CASE OF SEVERE PERIPHERAL ARTERIAL DISEASE MASQUERADING HYPERTENSIVE EMERGENCY

Anupama B. K., Jaswinder Virk, Kanica Yashi, Debanik Chaudhuri, SUNY Upstate Medical University, Syracuse, NY, USA

405 - DISSECTION FLAP IN WAY OF CORONARY ARTERY: AN INTERESTING DISCOVERY OF AORTIC DISSECTION

Muhammad Waqas Tahir, Devesh Rai, Hammad Ali, Medhat Chowdhury, Bipul Baibhav, Rochester General Hospital, Rochester, NY, USA

406 - TO BALLOON OR TO BYPASS? HYBRID APPROACH FOR COMPLEX PERIPHERAL ARTERIAL DISEASE.

Tasleem Katchi, Linda Ferrer, Nader Imaai, Joseph Reimon, Bryan Curry, Shaun Smithson, Aventura Hospital and Medical Center, Aventura, FL, USA

407 - AN ATYPICAL VARIANT OF MAY-THURNER SYNDROME TREATED SUCCESSFULLY WITH ENDOVASCULAR STENT PLACEMENT

Shruti Hegde, Tariq Bhat, St. Elizabeth's Medical Center, Brighton, MA, USA

408 - UNEXPECTED COMPLICATION FROM SHOCKWAVE INTRAVASCULAR LITHOTRIPSY

Mohanad Hamandi, Jared Christensen, Amr Idris, Chadi Dib, Karim Al-Azizi, Srinivasa Potluri, Sameh Sayfo, Baylor Scott and White The Heart Hospital, Plano, TX, USA

409 - COCAINE INDUCED MULTI-VESSEL ANEURYSM

Rachel Abboud, Rana Garris, Parmindaur Kaur, Sameh Scander, balraj singh, Radhika Tailor, Faye Shamoan, Mahesh Bikkina, St. Joseph's Regional Medical Center, Paterson, NJ, USA

410 - BILATERAL RENAL ARTERIES STENTING USING CARBON DIOXIDE ANGIOGRAPHY IN COMBINATION WITH A MINIMAL IODINATED CONTRAST



ANGIOGRAPHY IN PATIENT WITH REFRACTORY HYPERTENSION AND KIDNEY DISEASE

Hassan Alkhawam, Maryna Popp, Ammar Nasir, Michael Forsberg, Kartik Mani, St. Louis University Hospital, St. Louis, MO, USA, John Cochran Division - VA St. Louis Health Care System, St. Louis, MO, USA

**Valvular Heart Disease - Poster Contributions**

**Session #1366**

**Valvular Heart Disease: Clinical 6**

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

215 - MIDWALL STRESS-SHORTENING RELATIONS IN AORTIC STENOSIS PROGRESSION: MECHANISTIC INSIGHT INTO THE "DOUBLE- LOADED LEFT VENTRICLE"

Summer Aldrugh, Jorge Luis Escobar, Colleen Harrington, Matthew W. Parker, Matthew Gottbrecht, Gerard P. Aurigemma, University of Massachusetts, Worcester, MA, USA

216 - PREDICTORS OF CALCIFIC AORTIC VALVE STENOSIS PROGRESSION AS MEASURED BY CHANGE IN MEAN PRESSURE GRADIENT: A META-ANALYSIS AND META-REGRESSION

Navneet Sharma, Sareena George, Ramsey Kalil, Prateek Sharma, Paul Kim, Clive Goulbourne, Smadar Kort, Dmitriy N. Feldman, Puja Parikh, Stony Brook University, Stony Brook University, NY, USA

217 - PREDICTORS OF CALCIFIC AORTIC VALVE STENOSIS PROGRESSION AS MEASURED BY CHANGE IN PEAK VELOCITY: A META-ANALYSIS AND META-REGRESSION

Navneet Sharma, Sareena George, Ramsey Kalil, Prateek Sharma, Paul Kim, Clive Goulbourne, Smadar Kort, Dmitriy N. Feldman, Puja Parikh, Stony Brook University, Stony Brook, NY, USA

218 - INCIDENT PARAVALVULAR REGURGITATION AND CLINICAL OUTCOMES IN PATIENTS UNDERGOING TRANSAORTIC VALVE REPLACEMENT WITH TTE VS. TEE PERIPROCEDURAL IMAGING GUIDANCE

Sindhura Ananthaneni, Mackram F. Eleid, Rosalyn Adigun, Vuyisile Tlhopane Nkomo, Sorin Pislaru, Jae K. Oh, Juan Crestanello, Gurpreet Sandhu, Charanjit S. Rihal, Kevin Greason, Jeremy Thaden, Mayo Clinic, Rochester, MN, USA

219 - IMPACT OF PATIENT PROSTHESIS MISMATCH ON CLINICAL OUTCOMES OF PATIENTS UNDERGOING EDWARDS SAPIEN 3 TRANSCATHETER AORTIC VALVE REPLACEMENT (TAVR)

Srilakshmi Vallabhaneni, Marsel Matka, Purujit Thacker, Matthew Carey, Christopher Sarnoski, Raymond Durkin, Jill Stoltzfus, Jamshid Shirani, St Luke's University Health Network, Bethlehem, PA, USA

220 - COMPARISON OF CLINICAL OUTCOMES OF PATIENTS UNDERGOING EDWARDS SAPIEN VS. EDWARDS SAPIEN 3 TRANSCATHETER AORTIC VALVE REPLACEMENT (TAVR)

Srilakshmi Vallabhaneni, Marsel Matka, Purujit Thacker, Matthew Carey, Raymond Durkin, Christopher Sarnoski, Jamshid Shirani, St Luke's University Health Network, Bethlehem, PA, USA

221 - SEVERE MITRAL REGURGITATION IN NONAGENARIANS: ETIOLOGY, MANAGEMENT, AND OUTCOMES

Alejandro Duran Crane, Duygu Kocyigit, Oltion Mesi, Carlos Godoy, Brian P. Griffin, Bo Xu, Cleveland Clinic, Cleveland, OH, USA

222 - TRENDS OF DRUG USE-ASSOCIATED INFECTIVE ENDOCARDITIS IN THE US: INSIGHTS FROM THE NATIONAL INPATIENT SAMPLE

Gian Lima, Osama Mukarram, Agnes Kim, University of Connecticut, Farmington, CT, USA

**Vascular Medicine - Poster Contributions**

**Session #1364**

**Vascular Medicine: Basic 6**

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

202 - EICOSAPENTAENOIC ACID INHIBITS HIGH DENSITY LIPOPROTEIN (HDL) OXIDATION IN A SYNERGISTIC MANNER IN COMBINATION WITH ATORVASTATIN IN VITRO

R. Preston Mason, Samuel C. R. Sherratt, Brigham & Women's Hospital, Harvard Medical School, Boston, MA, USA, Elucida Research LLC, Beverly, MA, USA

203 - ESTROGEN STABILIZES MITOCHONDRIAL MEMBRANE POTENTIAL IN ANGIOTENSIN-II CHALLENGED PORCINE AORTIC SMOOTH MUSCLE CELLS: RELEVANCE TO THE LOWER INCIDENCE AND LATER ONSET OF ABDOMINAL AORTIC ANEURYSM IN WOMEN

S. David Gertz, Ayelet Zuckerman, Dan Gilon, Ronen Beeri, Dean Nachman, Lilach Gavish, Institute for Research in Military Medicine, The Hebrew University and IDF Medical Corps, Jerusalem, Israel, Institute for Medical Research, Faculty of Medicine, The Hebrew University, Jerusalem, Israel

204 - PLATELETS RELEASING PARTICIPATES IN EXACERBATED ANXIETY IN MYOCARDIAL INFARCTION

Shuo Pan, Zhongwei Liu, Shaanxi Provincial People's Hospital, Xi'an, People's Republic of China

**Vascular Medicine - Poster Contributions**

**Session #1365**

**Vascular Medicine: Endovascular Therapy 6**

Sunday, March 29, 2020, 2:30 p.m. - 4:30 p.m.

Posters Hall, Hall A

CME Hours: / CNE Hours:

205 - ANATOMICAL SEVERITY OF INFRAPOPLITEAL LESIONS STRATIFIED BY GLOBAL LIMB ANATOMIC STAGING SYSTEM (GLASS) DOSE NOT IMPACT ON WOUND HEALING IN PATIENTS WITH CHRONIC LIMB-THREATENING ISCHEMIA

Sho Nakao, Osamu Iida, Mitsutoshi Asai, Masaharu Masuda, Shin Okamoto, Takayuki Ishihara, Kiyonori Nanto, Takashi Kanda, Takuya Tsujimura, Shota Okuno, Yasuhiro Matsuda, Yosuke Hata, Hiroyuki Uematsu, Yuki Sato, Hiroki Sugae, Shodai Kawanami, Toshiaki Mano, Kansai Rosai Hospital, Amagasaki, Japan

206 - REFERRAL PATTERNS FOR PULMONARY EMBOLISM (PE) PATIENTS AT A TERTIARY ACADEMIC MEDICAL CENTER: INSIGHTS INTO PULMONARY EMBOLISM RESPONSE TEAM (PERT) UTILIZATION AND PATIENT OUTCOMES

Robert Zilinyi, Alexander Murphy, Danial Saleem, Mahesh Madhavan, Shayan Nabavi Nouri, Andrew Jeffrey Einstein, Sowmya Sreekanth, Hui Qing Su, John Capua, Nadira Hamid, Jay Leb, Daniel Brodie, Erika Berman Rosenzweig, Koji Takeda, Ajay J. Kirtane, Sahil A. Parikh, Philip Green, Sanjum S. Sethi, Columbia University, New York, NY, USA

207 - FASTING THERAPY WITH L-CARNITINE INCREASES ENDOTHELIAL FUNCTION AND REDUCES TRIMETHYLAMINE N-OXIDE AND LEPTIN IN PERSONS WITH HIGH BMI

Jiapan Sun, Tingying Zhang, Jiang He, Jianning Zhang, Yumin Qiu, Yuanya Liu, Jian Qin, Jun Tao, The First Affiliated Hospital, Sun Yat-Sen University, Guangzhou, People's Republic of China

208 - IMPACT OF FRAILTY ON CLINICAL OUTCOMES AFTER EVT FOR FEMOROPLOTEAL LESIONS

Seiichi Hiramori, Yoshimitsu Soga, Nobuhiro Ito, Yusuke Tomoi, Kenji Ando, Kokura Memorial Hospital, Kitakyushu, Japan





209 - COMPARISON OF OUTCOMES IN CATHETER-DIRECTED VERSUS  
ULTRASOUND-ASSISTED THROMBOLYSIS FOR TREATMENT OF PULMONARY  
EMBOLISM

Sorcha Allen, Katerina Porcaro, Lucas Chan, Dalila Masic, Stephen Morris,  
Jeremiah Haines, Verghese Mathew, Ferdinand Leya, Lowell Steen, John  
Lopez, Carlos Bechara, Jawed Fareed, Amir Darki, Yevgeniy Brailovsky, Loyola  
University Medical Center, Maywood, IL, USA, Columbia University Medical  
Center, New York, NY, USA

**Special - Hands-on Skills Learning**

**Session #1518**

**Practical Approaches to Pregnancy and Heart Disease Management**

Sunday, March 29, 2020, 3:00 p.m. - 4:00 p.m.

Personalized Skills Center Theatre - Lounge & Learn, Hall B

CME Hours: / CNE Hours:

Chair: Keri M. Shafer

Panelist: Katherine Elena Economy

3:00 p.m.

Practical Approaches to Pregnancy and Heart Disease Management

Anne Marie Valente

Boston, MA

**Special - Events and Meetings**

**Session #5010**

**Successful Early Career Innovators: What's the Secret?**

Sunday, March 29, 2020, 3:30 p.m. - 4:30 p.m.

Early Career Lounge - Lounge & Learn, Hall B

CME Hours: / CNE Hours:

Co-Chair: Nishant R. Shah

Co-Chair: Animesh Tandon

3:30 p.m.

Welcome and Introductions

3:35 p.m.

Walking the Line: Creating Value as a Digital Health Innovator in the

Academic Setting

Seth Shay Martin

Baltimore, MD

3:45 p.m.

Things to Consider Before Hopping on the Innovation Bus?

Thomas M. Maddox

Saint Louis, MO

3:55 p.m.

Question and Answer

**Special - Events and Meetings**

**Session #5018**

**FIT Networking Event**

Sunday, March 29, 2020, 3:30 p.m. - 4:30 p.m.

FIT Lounge - Lounge & Learn, Hall B

CME Hours: / CNE Hours:

3:30 p.m.

FIT Networking

**Special - Heart 2 Heart Stage**

**Session #6508**

**Unconscious Bias: The Subtle Enemy of Equality**

Sunday, March 29, 2020, 3:30 p.m. - 4:00 p.m.

Heart 2 Heart Stage - Lounge & Learn, Hall B

CME Hours: 0 / CNE Hours:

Co-Chair: Sharonne N. Hayes

Co-Chair: Quinn Capers, IV

3:30 p.m.

"But I'm Not Racist/Sexist/Anti-LGBT!": Unconscious Bias in Cardiovascular  
Medicine And How to Mitigate It

Sharonne N. Hayes

Rochester, MN

3:40 p.m.

"But I'm Not Racist/Sexist/Anti-LGBT!": Unconscious Bias in Cardiovascular  
Medicine And How to Mitigate It

Quinn Capers, IV

Columbus, OH

3:50 p.m.

"But I'm Not..."

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

**Session #1060**

**Antiplatelet and Anticoagulant Therapies**

Sunday, March 29, 2020, 3:45 p.m. - 4:30 p.m.

Acute and Stable Ischemic Heart Disease Moderated Poster Theater,  
Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Eyal Herzog

ACC Poster Moderator: Matthew William Sherwood

3:45 p.m.

HEPARIN ASSOCIATED WITH PRE-TREATMENT WITH DUAL ANTIPLATELET  
THERAPY IMPROVES CORONARY REPERFUSION BEFORE PRIMARY  
ANGIOPLASTY IN PATIENTS WITH STEMI

Roberta Montisci, Piero Caddeo, Michela Congia, Roberta Scotto, Maria  
Francesca Marchetti, Cristina Cacace, Mattia Biddau, Enrica Garau, Luigi  
Meloni, Clinical Cardiology, Department of Medical Sciences and Public  
Health, University of Cagliari, Monserrati, Cagliari, Italy

3:55 p.m.

Question and Answer

4:00 p.m.

SAFETY OF P2Y12 INHIBITOR MONOTHERAPY AS COMPARED WITH A 12-  
MONTH COURSE OF DAPT AFTER PERCUTANEOUS CORONARY  
INTERVENTION

Roberto Cerrud-Rodriguez, Manaf Assafin, Luis Cerna Urrutia, Giora Weisz,  
Montefiore Medical Center, Bronx, NY, USA

4:10 p.m.

Question and Answer

4:15 p.m.

IMPROVED PHARMACOLOGIC PROFILE OF A NOVEL, LIQUID ASPIRIN  
FORMULATION COMPARED WITH ENTERIC COATED ASPIRIN-A POOLED,  
PATIENT LEVEL ANALYSIS OF TWO RANDOMIZED CROSSOVER STUDIES  
Deepak L. Bhatt, Dominick J. Angiolillo, Philippe Gabriel Steg, Weihong Fan,  
Carey Kimmelstiel, Roxana Mehran, George D. Dangas, Jayne Prats,  
Efthymios Deligdis, Brigham and Women's Hospital Heart & Vascular  
Center, Boston, MA, USA





4:25 p.m.

Question and Answer

**Arrhythmias and Clinical EP - Moderated Poster Contributions**

**Session #1061**

**Differential Gender Outcomes in Arrhythmia Management**

Sunday, March 29, 2020, 3:45 p.m. - 4:30 p.m.

Arrhythmias and Clinical EP Moderated Poster Theater, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Marye J. Gleva

ACC Poster Moderator: Amit Noheria

3:45 p.m.

DIETARY PROTEIN INTAKE AND INCIDENT ATRIAL FIBRILLATION IN POSTMENOPAUSAL WOMEN FROM THE WOMEN'S HEALTH INITIATIVE

Daniel A. Gerber, Marcia Stefanick, Mark Hlatky, Jaden Yang, Haley Hedlin, Bernhard Haring, Marco Perez, Stanford University, Palo Alto, CA, USA

3:55 p.m.

Question and Answer

4:10 p.m.

Question and Answer

4:15 p.m.

A NOVEL GENOTYPE-PHENOTYPE RISK PREDICTION MODEL FOR ARRHYTHMIC EVENTS IN WOMEN WITH LONG-QT SYNDROME

Ayhan Yoruk, David Huang, Anita Chen, Scott McNitt, Valentina Kutyifa, Arwa Younis, Bronislava Polonsky, Mehmet Aktas, Wojciech Zareba, Ilan Goldenberg, University of Rochester Medical Center, Rochester, NY, USA

4:25 p.m.

Question and Answer

**Congenital Heart Disease - Moderated Poster Contributions**

**Session #1062**

**Catheterization and EP Therapies in Congenital Heart Disease**

Sunday, March 29, 2020, 3:45 p.m. - 4:30 p.m.

Congenital Heart Disease and Pulmonary Hypertension Moderated Poster Theater, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Ian H. Law

ACC Poster Moderator: Jeffrey Zampi

3:45 p.m.

THE IMPACT OF FONTAN FENESTRATION CLOSURE IN PATIENTS WITH SINGLE VENTRICLE PHYSIOLOGY

Emmanuelle Favilla, Michael Bruno, Andrew C. Glatz, David Goldberg, Children's Hospital of Philadelphia, Philadelphia, PA, USA

3:55 p.m.

Question and Answer

4:00 p.m.

IMPACT OF PHYSIOLOGIC PALLIATION STRATEGY ON OUTCOMES IN THE SYMPTOMATIC NEONATE WITH TETRALOGY OF FALLOT: INSIGHTS FROM THE CONGENITAL CATHETERIZATION RESEARCH COLLABORATIVE

Mark Aaron Law, Andrew C. Glatz, Shabana Shahanavaz, Jeffrey Zampi, George Nicholson, Jeffery Meadows, Bryan Goldstein, Holly Bauser-Heaton, Christopher Petit, Paul Chai, Jennifer C. Romano, Christopher Mascio, Christopher Caldarone, Courtney McCracken, Mike Kelleman, Lindsay Eilers, Steven Healan, Justin Smith, Ivor Asztalos, Alicia Kamsheh, Sarina Juma, Kristal Hock, Joelle Pettus, Amy Pajk, Athar M. Qureshi, University of Alabama at Birmingham, Birmingham, AL, USA, Children's of Alabama, Birmingham, AL, USA

4:10 p.m.

Question and Answer

4:15 p.m.

SURGICAL VERSUS TRANSVENOUS PACING OUTCOMES IN ADULT CONGENITAL HEART DISEASE

Hilary Bowman, Kevin Shannon, Roberto Gallotti, Jamil A. Aboulhosn, Jeremy Moore, Ahmanson/UCLA Adult Congenital Heart Disease Center, Los Angeles, CA, USA

4:25 p.m.

Question and Answer

**Heart Failure and Cardiomyopathies - Moderated Poster Contributions**

**Session #1063**

**Driving Outcomes With LVADs**

Sunday, March 29, 2020, 3:45 p.m. - 4:30 p.m.

Heart Failure and Cardiomyopathies Moderated Poster Theater, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Savitri E. Fedson

ACC Poster Moderator: Selma F. Mohammed

3:45 p.m.

CLINICAL IMPLICATIONS OF DIABETES AMONG PATIENTS WITH LEFT VENTRICULAR ASSIST DEVICES

Cesar Caraballo, Neal Ravindra, P. Elliot Miller, Megan McCullough, Catherine Mezzacappa, Clancy Mullan, Juliana Lawrence, Fouad Chouairi, Nihar R. Desai, Tariq Ahmad, Yale School of Medicine, New Haven, CT, USA

3:55 p.m.

Question and Answer

4:00 p.m.

IN-HOSPITAL OUTCOMES OF LVAD PATIENTS UNDERGOING NON-CARDIAC SURGERY: ANALYSIS OF THE NATIONAL INPATIENT SAMPLE

Alexandros Briassoulis, Omar Chehab, Paulino Alvarez, University of Iowa, Iowa City, IA, USA

4:10 p.m.

Question and Answer

4:15 p.m.

IMPACT OF PRE-PROCEDURAL PULMONARY ARTERIAL HYPERTENSION AND MITRAL REGURGITATION ON LONG TERM MORTALITY IN PATIENTS WITH LEFT VENTRICULAR ASSIST DEVICES

Harveen Lamba, Riyad Kherallah, Ajith Nair, Leo Simpson, Raymond Stainback, Joggy George, Gabriel Looor, Alexis Shafii, Kenneth Liao, O. H. Frazier, Andrew B. Civitello, Srikanth Koneru, Baylor College of Medicine, Houston, TX, USA

4:25 p.m.

Question and Answer

**Interventional Cardiology - Moderated Poster Contributions**

**Session #1064**

**Lessons From Registries: Acute MI and Cardiogenic Shock**

Sunday, March 29, 2020, 3:45 p.m. - 4:30 p.m.

Interventional Cardiology Moderated Poster Theater, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Kelly C. Epps

ACC Poster Moderator: John C. Messenger

3:45 p.m.

VARIATION IN CARE PRACTICES FOR ACUTE MYOCARDIAL INFARCTION WITH MULTIVESSEL CORONARY ARTERY DISEASE PRESENTING WITH CARDIOGENIC



SHOCK IN THE UNITED STATES, 2009-2018: A REPORT FROM THE NCDR RESEARCH TO PRACTICE (R2P) INITIATIVE

Rohan Khera, Eric Secemsky, Yongfei Wang, Nihar R. Desai, Thomas M. Maddox, Kendrick A. Shunk, Salim S. Virani, Deepak Bhatt, Jephtha P. Curtis, Robert W. Yeh, University of Texas Southwestern Medical Center, Dallas, TX, USA, Beth Israel Deaconess Medical Center, Boston, MA, USA

3:55 p.m.

Question and Answer

4:00 p.m.

CLINICAL STAGING IN CARDIOGENIC SHOCK DISCRIMINATES SURVIVAL: DATA FROM THE CRITICAL CARE CARDIOLOGY TRIALS NETWORK (CCCTN) REGISTRY  
Patrick R. Lawler, Erin Ann Bohula, Jeong-Gun Park, Jason Katz, Sean Van Diepen, David A. Morrow, on behalf of the Critical Care Cardiology Trials Network (CCCTN) Registry, Brigham and Women's Hospital, Boston, MA, USA

4:10 p.m.

Question and Answer

4:15 p.m.

TEMPORAL TRENDS AND CONTEMPORARY USE OF MULTIVESSEL PERCUTANEOUS CORONARY REVASCULARIZATION FOR ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION IN THE US: AN NCDR RESEARCH TO PRACTICE (R2P) PROJECT

Eric Alexander Secemsky, Rohan Khera, Thomas M. Maddox, Deepak Bhatt, Ehrin J. Armstrong, Jephtha P. Curtis, Haikun Bao, Robert W. Yeh, Beth Israel Deaconess Medical Center, Boston, MA, USA, Smith Center for Outcomes Research in Cardiology, Boston, MA, USA

4:25 p.m.

Question and Answer

#### Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Moderated Poster Contributions

##### Session #1065

##### Gender Differences in Diabetes and Aortic Stenosis as Determined by Resting and Stress Echo

Sunday, March 29, 2020, 3:45 p.m. - 4:30 p.m.

Non Invasive Imaging Moderated Poster Theater, Posters, Hall A  
CME Hours: / CNE Hours:

ACC Poster Moderator: Jayashri R. Aragam

ACC Poster Moderator: Meagan Murphy Wasfy

3:45 p.m.

SEX-RELATED DIFFERENCES IN MODERATE AORTIC STENOSIS

Stephan Milhorini Pio, Mohammed Amanullah, Kenny Yoong Kong Sin, Nina Marsan, Zee P. Ding, SeeHoo Ewe, Jeroen Bax, Victoria Delgado, Leiden University Medical Center, Leiden, The Netherlands, National Heart Centre Singapore, Singapore

3:55 p.m.

Question and Answer

4:00 p.m.

GENDER MIGHT BE A KEY DETERMINANT OF EXERCISE TOLERANCE IN MODERATE-TO-SEVERE AORTIC STENOSIS

Francesco Bandera, Greta Ghizzardi, Valentina Milani, Sara Boveri, Eleonora Alfonzetti, Marco Guazzi, Polyclinic San Donato, San Donato Milanese, Italy

4:10 p.m.

Question and Answer

4:15 p.m.

SEX DIFFERENCES IN THE ASSOCIATION BETWEEN MYOCARDIAL FUNCTION AND OUTCOME IN TYPE 1 DIABETES WITHOUT KNOWN HEART DISEASE

Mats Højbjerg Lassen, Tor Biering-Sorensen, Peter Jørgensen, Henrik Ullits Andersen, Peter Rossing, Magnus Thorsten Jensen, Gentofte University Hospital, Hellerup, Denmark, Steno Diabetes Center Copenhagen, Gentofte, Denmark

4:25 p.m.

Question and Answer

#### Prevention - Moderated Poster Contributions

##### Session #1066

##### Lifestyle and Cardiac Rehab: Recent Findings

Sunday, March 29, 2020, 3:45 p.m. - 4:30 p.m.

Prevention Moderated Poster Theater, Posters, Hall A  
CME Hours: / CNE Hours:

ACC Poster Moderator: Lola A. Coke

3:45 p.m.

EFFECTIVENESS OF A HOME BASED CARDIAC REHABILITATION PROGRAM IN VETERANS

Kariann Drwal, Bonnie Wakefield, Sara Grover, Bjarni Haraldsson, Ramzi El Accaoui, Iowa City Veterans Affairs Health Care System, Iowa City, IA, USA

3:55 p.m.

Question and Answer

4:00 p.m.

EFFECT OF THE DIETARY APPROACHES TO STOP HYPERTENSION (DASH) DIET ON BLOOD PRESSURE IN ADULTS WITH AND WITHOUT HYPERTENSION: A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS

Konstantinos P. Tsioufis, Christina Filippou, Costas Thomopoulos, Costas Mihas, Kyriakos Dimitriadis, Lida Sotiropoulou, Christina Chrysochoou, Petros Nihoyannopoulos, Dimitris Tousoulis, First Cardiology Clinic, University of Athens, Hippokraton Hospital, Athens, Greece

4:10 p.m.

Question and Answer

4:15 p.m.

DIFFERENTIAL EFFECTS OF TOBACCO CIGARETTES AND ELECTRONIC CIGARETTES ON ENDOTHELIAL FUNCTION

Holly R. Middlekauff, Kacey P. Haptonstall, Yasmine Choroomi, Roya Moheimani, Kevin Nguyen, Elizabeth Tran, Karishma Lakhani, Isabelle Ruedisueli, Jeffrey Gornbein, UCLA Medical Center, Los Angeles, CA, USA

4:25 p.m.

Question and Answer

#### Special - Moderated Poster Contributions

##### Session #1068

##### An Ounce of Prevention is Better...

Sunday, March 29, 2020, 3:45 p.m. - 4:30 p.m.

FIT Clinical Decision Making Moderated Poster Theater 1, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Martha Gulati

ACC Poster Moderator: Emily Lau

3:45 p.m.

PCSK9 LIPID REBOUND PHENOMENON

Arjun Theertham, Abdul Hakeem, Rutgers - Robert Wood Johnson, New Brunswick, NJ, USA

3:55 p.m.

Question and Answer

4:00 p.m.



ACUTE KIDNEY INJURY: A RARE CONSEQUENCE OF PROPROTEIN  
CONVERTASE SUBLISIN/KEXIN TYPE 9 INHIBITOR USE

June K. Pickett, Maulin Shah, Michael Gillette, Salim Virani, Peter Jones,  
Christie M. Ballantyne, Vijay Nambi, Michael E Debaque Veterans Affairs  
Medical Center, Houston, TX, USA, Baylor College of Medicine, Houston, TX,  
USA

4:10 p.m.

Question and Answer

4:15 p.m.

WHEN A 'NORMAL' CHOLESTEROL LEVEL IS NOT NORMAL: EXPOSING AN  
UNUSUAL PRESENTATION OF FAMILIAL HYPERCHOLESTEROLEMIA

Jelani Kayode Grant, Carl Orringer, University Of Miami, Miami, FL, USA,  
Jackson Memorial Hospital, Miami, FL, USA

4:25 p.m.

Question and Answer

**Special - Moderated Poster Contributions**

**Session #1069**

**Embolize This**

Sunday, March 29, 2020, 3:45 p.m. - 4:30 p.m.

**FIT Clinical Decision Making Moderated Poster Theater 2, Posters,  
Hall A**

**CME Hours: / CNE Hours:**

ACC Poster Moderator: Ran Lee

ACC Poster Moderator: Eric Secemsky

3:45 p.m.

ULTRASOUND ASSISTED CATHETER DIRECTED THROMBOLYSIS CAN BE USED  
WITH EXTRA-CORPOREAL MEMBRANE OXYGENATION FOR THE SAFE AND  
EFFECTIVE TREATMENT OF MASSIVE PULMONARY EMBOLISM AND  
PULMONARY EMBOLISM IN TRANSIT

Saad Sikanderkhel, Lowell Ketron, Rafay Khan, Alison Bailey, Matthew  
Wiisanen, The University of Tennessee College of Medicine, Chattanooga,  
TN, USA, University of Tennessee Health Science Center, Memphis, TN, USA

3:55 p.m.

Question and Answer

4:00 p.m.

CRYPTOGENIC STROKE WITH POSITIVE BUBBLE STUDY AND NO  
INTRACARDIAC SHUNT

Neha Ahluwalia, Barry A. Love, Mount Sinai Hospital, New York, NY, USA

4:10 p.m.

Question and Answer

4:15 p.m.

CATHETER-DIRECTED THROMBECTOMY IN MASSIVE PE WITH CARDIOGENIC  
SHOCK

Manju Bengaluru Jayanna, Tariq Ali Ahmad, Marc Maalouf, Arthur Omondi,  
Mara Caroline, Eric Gnall, Lankenau Medical Center and Lankenau Institute  
for Medical Research, Wynnewood, PA, USA

4:25 p.m.

Question and Answer

**Special - Moderated Poster Contributions**

**Session #1070**

**Mechanical Hearts**

Sunday, March 29, 2020, 3:45 p.m. - 4:30 p.m.

**FIT Clinical Decision Making Moderated Poster Theater 3, Posters,  
Hall A**

**CME Hours: / CNE Hours:**

ACC Poster Moderator: Hena Patel

ACC Poster Moderator: David Snipelisky

3:45 p.m.

LEFT ATRIAL APPENDAGE INVERSION PRESENTING AS ACUTE RIGHT  
VENTRICULAR FAILURE AFTER LEFT VENTRICULAR ASSIST DEVICE  
IMPLANTATION

Raghav Gattani, Emmanuel Ekanem, Jennifer Shea, Qiong Zhao, Ramesh  
Singh, Ryan P. Liam, INOVA Fairfax Medical Campus, Falls Church, VA, USA

3:55 p.m.

Question and Answer

4:00 p.m.

BREAKING THE ICE WITH ICE (INTRACARDIAC ECHOCARDIOGRAPHY)

Charlene L. Rohm, Brian Howard, Baqir Lakhani, Marian Wilim, Rachel  
Waters, David Snipelisky, WellStar Kennestone Regional Medical Center,  
Marietta, GA, USA

4:10 p.m.

Question and Answer

4:15 p.m.

ACUTE MASSIVE PULMONARY EMBOLISM TREATED WITH RP IMPELLA AND  
EKOS

Amr Idris, Karim Al-Azizi, Molly Szerlip, The Heart Hospital Baylor Plano,  
Plano, TX, USA

4:25 p.m.

Question and Answer

**Special - Moderated Poster Contributions**

**Session #1071**

**Spotlight on Special Topics: Tackling Neglected Cardiovascular  
Diseases in Low- & Middle-Income Countries**

Sunday, March 29, 2020, 3:45 p.m. - 4:30 p.m.

**Spotlight on Special Topics Moderated Poster Theater, Posters, Hall  
A**

**CME Hours: / CNE Hours:**

ACC Poster Moderator: Gene Kwan

ACC Poster Moderator: Ana Olga Mocumbi

3:45 p.m.

PREVENTION OF CARDIAC MATERNAL MORTALITY IN THE DEVELOPING  
WORLD: SCREENING PREGNANT WOMEN IN HYDERABAD, INDIA FOR  
STRUCTURAL HEART DISEASE

Amisha Patel, Nicole Aranoff, A. Srinivas Kumar, Susheel K. Kodali, Martin  
Leon, Columbia University Irving Medical Center, New York, NY, USA, Apollo  
Hospital, Hyderabad, India

3:55 p.m.

Question and Answer

4:00 p.m.

CONTEMPORARY TRENDS IN SURGICAL RHEUMATIC VALVE DISEASE IN A  
CARIBBEAN NATION: A MULTICENTER EXPERIENCE

Nicola Pradegan, Juan Leon Wyss, Melvin Berroa, Jose Iribarren, Espedy  
Garcia, Wascar Roa, Pedro Corniel, Walid Elias, Leonel Lambert, Oneyda  
Ramirez, Rafael Alba, Malquiel Quezada, Victor Cuello, Santiago Garcia,



Miguel Reyes, Dario Veras Sanchez, Miguel Guerrero, Maribel Almonte Casado, Ysaac Heredia, Cesar Herrera, CEDIMAT, Santo Domingo, Dominican Republic

4:10 p.m.

Question and Answer

4:15 p.m.

OUTCOMES OF ECHOCARDIOGRAPHY-DETECTED RHEUMATIC HEART DISEASE: VALIDATING A SIMPLIFIED SCORE IN SCREENING COHORTS FROM DIFFERENT COUNTRIES

Bruno Ramos Nascimento, Maria Carmo Nunes, Amy E. Sanyahumbi, Nigel Wilson, Elizabeth Tilton, Marc G. W. Rémond, Graeme P. Maguire, Antonio L. Ribeiro, Peter N. Kazembe, Craig A. Sable, Andrea Z. Beaton, Hospital das Clínicas da Universidade Federal de Minas Gerais, Belo Horizonte, Brazil, Children's National Health System, Washington, DC, USA

4:25 p.m.

Question and Answer

#### Vascular Medicine - Moderated Poster Contributions

##### Session #1067

##### Updates in Acute Aortic Syndromes

Sunday, March 29, 2020, 3:45 p.m. - 4:30 p.m.

Valvular Heart Disease and Vascular Medicine Moderated Poster Theater, Posters, Hall A

CME Hours: / CNE Hours:

ACC Poster Moderator: Umberto Campia

ACC Poster Moderator: Amber D. Khanna

3:45 p.m.

AORTIC DISSECTION RELATED TO PREGNANCY: THE INTERNATIONAL REGISTRY OF ACUTE AORTIC DISSECTION (IRAD)

Eric Mittauer, Kevin Harris, Arturo Evangelista-Masip, Reed E. Pyeritz, Derek Brinster, Lori Conklin, Toru Suzuki, Christina Fanola, Maral Ouzounian, Edward P. Chen, Truls Myrmed, Raffi Bekeredjian, Stuart Hutchison, Joseph S. Coselli, Dan Gilon, Patrick T. O'Gara, Melinda Davis, Eric M. Isselbacher, Kim Eagle, Alan C. Braverman, Washington University School of Medicine, St. Louis, MO, USA, University of Michigan, Ann Arbor, MI, USA

3:55 p.m.

Question and Answer

4:00 p.m.

CORRELATES OF THORACIC AORTIC DISSECTION IN WOMEN

Angela T. Yetman, Allison Zetterman, David A. Danford, Aleem Siddique, University of Nebraska Medical Center, Omaha, NE, USA, Children's Hospital & Medical Center, Omaha, NE, USA

4:10 p.m.

Question and Answer

4:15 p.m.

EVOLUTION OF ACUTE INTRAMURAL HEMATOMA

Arturo Evangelista-Masip, Raffi Bekeredjian, Eric M. Isselbacher, Alan C. Braverman, Marek Ehrlich, Santi Trimarchi, Eduardo Bossone, Mark Peterson, Daniel G. Montgomery, Derek Brinster, Davide Pacini, Truls Myrmed, Edward P. Chen, Takeyoshi Ota, Thomas G. Gleason, Kim Eagle, Kevin Harris, University of Michigan, Ann Arbor, MI, USA, Hospital General Universitari Vall d'Hebron, Barcelona, Spain

4:25 p.m.

Question and Answer

#### World Heart Federation - WHF Special

##### Session #5509

##### Breaking the Silence on Chagas Disease

Sunday, March 29, 2020, 4:00 p.m. - 5:00 p.m.

Global Health Café, Lounge & Learn, Hall B

CME Hours: / CNE Hours:

4:00 p.m.

Global Health Café IV

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

##### Session #714

##### Tricky Situations: When to Consider Revascularization in the Asymptomatic Patient

Sunday, March 29, 2020, 4:45 p.m. - 6:00 p.m.

Room S504a

CME Hours: 1.25 / CNE Hours:

Co-Chair: William E. Boden

Co-Chair: David Joel Maron

Panelist: J. Dawn Abbott

Panelist: A. J. Conrad Smith

Panelist: Eric J. Velazquez

Panelist: Wan Azman Wan Ahmad

4:45 p.m.

Case of a Patient With CAD And Severe Ischemia But No Symptoms

Mary Shields

Charlottesville, VA

4:49 p.m.

Revascularization With Severe Ischemia But No Symptoms: When And Why?

J. Dawn Abbott

Providence, RI

4:56 p.m.

Panel Discussion on Revascularization For Severe Ischemia

5:03 p.m.

Case of a Patient With CAD Referred For TAVR

Andrew J. Murray

Winter Haven, FL

5:07 p.m.

Revascularization Before Structural Interventions: What (or Where) Is The Evidence?

Wan Azman Wan Ahmad

46200 Petaling Jaya, Malaysia

5:14 p.m.

Panel Discussion on Revascularization Before Structural Interventions

5:21 p.m.

Case of a Patient With Severe LV Dysfunction And CAD

Jessica Atkins

Charleston, SC

5:25 p.m.

Should We Re-Vascularize Patients With LV Dysfunction? Contemporary Trials in Context

Eric J. Velazquez

New Haven, CT

5:32 p.m.

Panel Discussion on Revascularization For LV Dysfunction

5:39 p.m.

Case of a Patient With Arrhythmia And CAD





Umut Gomceli  
Queens, NY

5:41 p.m.  
What Is The Data on Revascularizing Patients With Arrhythmias  
A. J. Conrad Smith  
Pittsburgh, PA

5:48 p.m.  
Panel Discussion on Revascularization For Arrhythmias

**Acute and Stable Ischemic Heart Disease - Scientific  
Session #715**

**Cardiac Rehab: Move to Improve!**

Sunday, March 29, 2020, 4:45 p.m. - 6:00 p.m.

Room S505a

CME Hours: 1.25 / CNE Hours:

Co-Chair: Alison Bailey  
Co-Chair: Kathryn L. Berlacher

4:45 p.m.  
How Do I Get My Patient Interested in Cardiac Rehab?  
Kathryn L. Berlacher  
Pittsburgh, PA

4:55 p.m.  
Expanding Access to Cardiac Rehab: The Role of Advocacy  
Alison Bailey  
Chattanooga, TN

5:05 p.m.  
Home-Based Cardiac Rehab: Who, When And How?  
Randal J. Thomas  
Rochester, MN

5:15 p.m.  
Incorporating CR Into My Practice: How to Use The Information From CR to  
Optimize Patient Care  
Quinn R. Pack  
Ellington, CT

5:25 p.m.  
Now Cardiac Rehab Is Over...What Do I Do?  
Steven J. Keteyian  
Detroit, MI

5:35 p.m.  
Question and Answer

**Arrhythmias and Clinical EP - Scientific  
Session #716**

**The Time Has Come For Systematic Screening For Asymptomatic  
Atrial Fibrillation**

Sunday, March 29, 2020, 4:45 p.m. - 6:00 p.m.

Room S404d

CME Hours: 1.25 / CNE Hours:

Co-Chair: Changsheng Ma  
Co-Chair: David T. Linker  
Panelist: Mattias Aronsson  
Panelist: Thomas Dewland  
Panelist: Nicole Lowres  
Panelist: Roopinder Kaur Sandhu  
Panelist: Mintu Turakhia

4:45 p.m.  
Pro: Pulse Palpation Is Cost-Effective, And We Should Implement It to Screen  
For Asymptomatic Atrial Fibrillation

Roopinder Kaur Sandhu  
Edmonton, Canada

4:56 p.m.  
Con: There Are Better Ways to Screen For Atrial Fibrillation Than Pulse  
Palpation  
Nicole Lowres  
Sydney, Australia

5:07 p.m.  
Cost-Effectiveness of Atrial Fibrillation Screening Strategies  
Mattias Aronsson  
Linköping, Sweden

5:18 p.m.  
The Role of New Technologies Including The Apple Watch in Screening For  
Asymptomatic Atrial Fibrillation  
Mintu Turakhia  
Palo Alto, CA

5:29 p.m.  
7 Minutes of Asymptomatic Atrial Fibrillation Found on Monitoring. Do I  
Need to Anticoagulate?  
Thomas Dewland  
Portland, OR

5:40 p.m.  
Panel Discussion: Question and Answer- Next Steps?

**Congenital Heart Disease - Scientific  
Session #717**

**Innovations to Personalize the Care of Congenital Heart Disease**

Sunday, March 29, 2020, 4:45 p.m. - 6:00 p.m.

Room S105b

CME Hours: 1.25 / CNE Hours:

Co-Chair: Jonathan Chen  
Co-Chair: Arash Salavitarab

4:45 p.m.  
Genetics of Congenital Heart Disease: Cases in Precision Medicine  
Wendy Chung  
New York, NY

4:57 p.m.  
Mixed Reality And 3D Printing: Gimmick or Groundwork For Innovation?  
Laura Olivieri  
Washington, DC

5:09 p.m.  
Tissue-Engineering And Patient-Specific Devices: The Future of Personalized  
Surgical And Transcatheter Implants or a Pipe Dream?  
K. Jane Grande-Allen  
Houston, TX

5:21 p.m.  
ACC-Talk: What Does The Gut Microbiome Have to Do With The Heart?  
W.H. Wilson Tang  
Cleveland, OH

5:36 p.m.  
Panel Discussion with Audience Question & Answer



**Heart Failure and Cardiomyopathies - Scientific**

**Session #718**

**Emerging Drug Therapies For Heart Failure: Coming Soon to a Clinic Near You**

Sunday, March 29, 2020, 4:45 p.m. - 6:00 p.m.

Room S405b

CME Hours: 1.25 / CNE Hours:

Co-Chair: Mona Fiuza

Co-Chair: Adrian F. Hernandez

Panelist: Joshua M. Hare

Panelist: Douglas L. Mann

Panelist: Christopher M. O'Connor

Panelist: Yigal Pinto

Panelist: John R. Teerlink

4:45 p.m.

OMG! OMecamtiv GALACTIC Update

John R. Teerlink

San Francisco, CA

4:57 p.m.

SGC Activators: Victorious or Bust?

Christopher M. O'Connor

Falls Church, VA

5:09 p.m.

Debate: Cell-Based Therapies Are Gonna Be The Next Big Thing

Joshua M. Hare

Miami, FL

5:19 p.m.

Debate: Cell-Based Therapies Are Gonna Be The Next Big Disappointment

Douglas L. Mann

Saint Louis, MO

5:29 p.m.

RNA-Based Therapies For Dummies: Update For The Practicing Clinician

Yigal Pinto

Amsterdam, Netherlands

5:41 p.m.

Panel Discussion on Emerging Drug Therapies For Heart Failure

**Heart Failure and Cardiomyopathies - Scientific**

**Session #719**

**The Buzz Around Diabetes and Heart Failure: From Pathophysiology, Prevention to Treatment**

Sunday, March 29, 2020, 4:45 p.m. - 6:00 p.m.

Room S406a

CME Hours: 1.25 / CNE Hours:

Co-Chair: John J. V. McMurray

Co-Chair: Petar Seferovic

Panelist: Biykem Bozkurt

Panelist: Mikhail Kosiborod

Panelist: Eldrin F. Lewis

Panelist: Lucianne West

4:45 p.m.

Strategies to Prevent Development of HF in Patients With Diabetes

Eldrin F. Lewis

Needham, MA

4:58 p.m.

SGLT2 Inhibitors in The Realm of HF: Identifying The Patients That Benefit

Mikhail Kosiborod

Leawood, KS

5:11 p.m.

Safety And Efficacy of Other Glucose Control Strategies in Patients With Diabetes And Established Heart Failure

Biykem Bozkurt

Bellaire, TX

5:24 p.m.

Practical Do's And Don'ts at The Intersection of Diabetes And HF

Lucianne West

Broadview Heights, OH

5:37 p.m.

Panel Discussion And Audience Question and Answer

**Heart Failure and Cardiomyopathies - Scientific**

**Session #720**

**Advanced Heart Failure Therapies of LVAD and Transplant: Who, What, When, Where, Why and How?**

Sunday, March 29, 2020, 4:45 p.m. - 6:00 p.m.

Room S406b

CME Hours: 1.25 / CNE Hours:

Co-Chair: Amrut Ambardekar

Co-Chair: Mahazarin Ginwalla

Panelist: Keith D. Aaronson

Panelist: Mary Keebler

Panelist: JoAnn Lindenfeld

Panelist: Mandeep R. Mehra

Panelist: Garrick Stewart

4:45 p.m.

Moving Beyond NYHA Class: Risk Stratification And Prognosis in Advanced Heart Failure

Garrick Stewart

Wellesley, MA

4:57 p.m.

Cardiac Transplantation: 53 Years And Counting

Keith D. Aaronson

Ann Arbor, MI

5:09 p.m.

Rise of The Machines

Mary Keebler

Pittsburgh, PA

5:21 p.m.

A 30 yo With End-Stage HF From Familial Cardiomyopathy Is Inotrope Dependent. The Best Treatment For This Patient Is a Transplant

JoAnn Lindenfeld

Nashville, TN

5:31 p.m.

A 30 yo With End-Stage HF From Familial Cardiomyopathy Is Inotrope Dependent. The Best Treatment For This Patient Is an LVAD

Mandeep R. Mehra

Boston, MA

5:41 p.m.

Panel Discussion Transplant And LVAD



**Interventional Cardiology - Live Cases**

**Session #206**

**Interventional Live Case Session VI: Endovascular Transmission from Piedmont Heart Institute at Piedmont Atlanta Hospital in Atlanta, GA**

Sunday, March 29, 2020, 4:45 p.m. - 6:00 p.m.

B1 North (Main Tent)

CME Hours: 1.25 / CNE Hours:

Co-Chair: Sahil A. Parikh

Co-Chair and Digital Moderator: Mehdi H. Shishehbor

Panelist: S. Elissa Altin

Panelist: Naomi M. Hamburg

Panelist: Santhosh Jay Mathews

Panelist: David C. Metzger

Panelist: Sonya Noor

Panelist: Sanjum S. Sethi

**Interventional Cardiology - Scientific**

**Session #723**

**STEMI Hot Debates: Trials and Tribulations!**

Sunday, March 29, 2020, 4:45 p.m. - 6:00 p.m.

Room S102c

CME Hours: 1.25 / CNE Hours:

Co-Chair: James T. DeVries

Co-Chair: Neha Yadav

Panelist: Amer Ardati

Panelist: Carolyn Dickens

Panelist: Tiong-Kiam Ong

Panelist: Mina Madan

4:45 p.m.

Case Presentation: Primary PCI Patient With Shock With And Without Support

Shadi Al Halabi

Chicago, IL

4:51 p.m.

ARS Pre-poll: Utilization of mechanical hemodynamic support in the US is:

A.Too low B.Just right C.Too high

James T. DeVries

Hanover, NH

4:53 p.m.

Debate: Mechanical Support Is OVER-Utilized in Current Practice

Perwaiz M. Meraj

Oyster Bay Cove, NY

5:00 p.m.

Debate: Mechanical Support Is UNDER-Utilized in Current Practice

Amir Kaki

Birmingham, MI

5:07 p.m.

ARS Post-poll: Utilization of mechanical hemodynamic support in the US is:

A.Too low B.Just right C.Too high

James T. DeVries

Hanover, NH

5:09 p.m.

Panel Discussion With Audience Question and Answer

5:21 p.m.

Case Presentation: Cardiac Arrest Case

Prashanth Thakker

Saint Louis, MO

5:27 p.m.

ARS Pre-poll: Based on the literature and my experience, patients with cardiac arrest should: A.Usually receive an emergent coronary angiogram once ROSC has been achieved B.Rarely receive an emergent coronary angiogram once ROSC has been achieved C.Receive a coronary angiogram only after there is objective evidence of ischemia (ST elevation, positive biomarkers, low EF) D.Receive a coronary angiogram only after neurologic recovery E.Decision for a coronary angiogram should be the same as for any other patient

Neha Yadav

Chicago, IL

5:29 p.m.

Debate: ALL Patients Should Undergo Emergent Coronary Angiography Following Cardiac Arrest

Kapildeo Lotun

Tucson, AZ

5:36 p.m.

Debate: ONLY VERY SELECTED Patients Should Undergo Emergent Coronary Angiography Following Cardiac Arrest

Adhir Ramesh Shroff

Chicago, IL

5:43 p.m.

ARS Post-poll: Based on the literature and my experience, patients with cardiac arrest should: A.Usually receive an emergent coronary angiogram once ROSC has been achieved B.Rarely receive an emergent coronary angiogram once ROSC has been achieved C.Receive a coronary angiogram only after there is objective evidence of ischemia (ST elevation, positive biomarkers, low EF) D.Receive a coronary angiogram only after neurologic recovery

Neha Yadav

Chicago, IL

5:45 p.m.

Panel Discussion With Audience Question and Answer

**Interventional Cardiology - Scientific**

**Session #724**

**Cardiogenic Shock: Drugs, Devices and Who Decides**

Sunday, March 29, 2020, 4:45 p.m. - 6:00 p.m.

Room S103d

CME Hours: 1.25 / CNE Hours:

Co-Chair: Amr Mahmoud Zaki

Co-Chair: Holger Thiele

Panelist: Kathleen E. Kearney

Panelist: Robert Francis Riley

Panelist: Sarah Schettler

Panelist: Frederick G.P. Welt

4:45 p.m.

Shock Teams: Who, When And Why?

Syed Tanveer Rab

Duluth, GA

4:55 p.m.

Panel Discussion With Audience Question and Answer

5:00 p.m.

Deep Dive: Current Data For MCS Devices in Shock: Impella, Tandem, ECMO, IABP

Catalin Toma

Pittsburgh, PA

5:10 p.m.

Panel Discussion With Audience Question and Answer



5:15 p.m.  
Deep Dive: Current Data For Inotropes And Pressores in Shock  
Daniel Burkhoff  
New York, NY

5:25 p.m.  
Panel Discussion With Audience Question and Answer

5:30 p.m.  
Selecting The Best MCS Strategy For Shock  
Claudius Mahr  
Seattle, WA

5:40 p.m.  
Panel Discussion With Audience Question and Answer

5:45 p.m.  
Best MCS Strategy For RV And BiV Shock  
Shelley R. Zieroth  
Winnipeg, Canada

5:55 p.m.  
Panel Discussion With Audience Question and Answer

**Interventional Cardiology - Scientific**

**Session #725**

**Parenteral Antithrombotic Therapies in PCI and ACS**

Sunday, March 29, 2020, 4:45 p.m. - 6:00 p.m.

Room S104b

CME Hours: 1.25 / CNE Hours:

Co-Chair: Richard G. Bach  
Co-Chair: George D. Dangas  
Panelist: Danielle Marie Blais  
Panelist: Nabil Farag  
Panelist: Julinda Mehilli

4:45 p.m.  
Case Presentation: Patient With ACS  
Hannah Chaudry  
Providence, RI

4:53 p.m.  
Panel Discussion With Audience Question and Answer

5:00 p.m.  
New Insights on The Role of Bivalirudin in ACS  
John A. Bittl  
Ocala, FL

5:08 p.m.  
Panel Discussion With Audience Question and Answer

5:15 p.m.  
Cangrelor: More Than Just a Niche Use?  
Deepak L. Bhatt  
Newton, MA

5:23 p.m.  
Panel Discussion With Audience Question and Answer

5:30 p.m.  
Where Do GPI Fit In?  
Marco Valgimigli  
Bern, Switzerland

5:38 p.m.  
Panel Discussion With Audience Question and Answer

5:45 p.m.  
Heparin Is All We Need  
Neal S. Kleiman  
Houston, TX

5:53 p.m.  
Panel Discussion With Audience Question and Answer

**Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Scientific**

**Session #721**

**Echo Quantification of Native Valvular Regurgitation: Follow the Guidelines**

Sunday, March 29, 2020, 4:45 p.m. - 6:00 p.m.

Room S501a

CME Hours: 1.25 / CNE Hours:

Co-Chair: Catherine M. Otto  
Co-Chair: William A. Zoghbi

4:45 p.m.  
My Most Challenging Case of Primary Mitral Valve Regurgitation  
Hani Mahmoud-Elsayed  
Birmingham, United Kingdom

4:50 p.m.  
Quantifying Mitral Regurgitation - How Do The Guidelines Help Me  
Judy W. Hung  
Boston, MA

5:02 p.m.  
My Most Challenging Case of Acute Aortic Regurgitation  
Fei Fei Gong  
Chicago, IL

5:07 p.m.  
Acute And Chronic Aortic Regurgitation - How Does Quantification Differ?  
Kameswari Maganti  
Chicago, IL

5:19 p.m.  
My Most Challenging Case of Functional Tricuspid Regurgitation  
Neda Dianati Maleki  
South Setauket, NY

5:24 p.m.  
Quantifying Tricuspid Regurgitation in 2020  
Sagit Ben Zekry  
Tel Hasomer, Israel

5:36 p.m.  
Question and Answer

**Non Invasive Imaging (Echocardiography, Nuclear, PET, MR & CT) - Scientific**

**Session #722**

**Value of Cardiac CT in Clinical Practice - Joint Symposium of the Society of Cardiovascular Computed Tomography and the American College of Cardiology**

Sunday, March 29, 2020, 4:45 p.m. - 6:00 p.m.

Room S502b

CME Hours: 1.25 / CNE Hours:

Co-Chair: Ron Blankstein  
Co-Chair: Koen Nieman

4:45 p.m.  
Calcium And Plaque Imaging in Preventive Cardiology



Ron Blankstein  
Boston, MA

4:55 p.m.  
CT Angiography as a First-Line Test in Stable Chest Pain  
David E. Newby  
Edinburgh Scotland, United Kingdom

5:05 p.m.  
Cardiac CT Guidance For Revascularization Decisions  
Koen Nieman  
Stanford, CA

5:15 p.m.  
Guidance And Follow-up of Trans-Catheter Aortic Valve Procedures  
Jonathon Leipsic  
Vancouver, Canada

5:25 p.m.  
Emerging Role of Cardiac CT in Mitral Valve Procedures And Beyond  
Dee Dee Wang  
Detroit, MI

5:35 p.m.  
Prosthetic Valve Degeneration And Endocarditis  
Wengen Chen  
Baltimore, MD

5:45 p.m.  
Question and Answer

**Prevention - Scientific  
Session #726**  
**Global CVD Epidemic: Determinants, Solutions, and Unanswered  
Questions – A "Global Health Spoken Here" Session**  
Sunday, March 29, 2020, 4:45 p.m. - 6:00 p.m.  
Room S402b  
CME Hours: 1.25 / CNE Hours:

Co-Chair: Karen Sliwa  
Co-Chair: Beatriz M. Champagne

4:45 p.m.  
How Has Globalization of Processed Foods Made It Difficult to Prescribe A  
Heart Healthy Diet in Some But Not All Countries  
Barry M. Popkin  
Chapel Hill, NC

4:55 p.m.  
Air Pollution And Heart Disease: What We Already Know And What We Need  
to Study?  
Sanjay Rajagopalan  
Cleveland, OH

5:05 p.m.  
How to Make Perfection Not The Enemy of The Good. Using Roadmaps to  
Help LMICs Adopt Guidelines in a Resource Poor Environment  
Alvaro Avezum  
Sao Paulo, Brazil

5:15 p.m.  
How Does Global Health Make You A Better Cardiologist?  
Neha J. Pagidipati  
Durham, NC

5:25 p.m.  
Systems of Care to Improve Cardiovascular Prevention Delivery- Example  
From a Low-Middle Income Country

Gabriela Borrayo Sanchez  
Cuauhtemoc, Mexico, D.F., Mexico

5:35 p.m.  
Setting up Systems of Care For Secondary CVD Prevention And Rehab in  
Developing Countries  
Eduardo Rivas-Estany  
Havana 12000, MI, Cuba

5:45 p.m.  
Question and Answer

**Prevention - Scientific  
Session #727**  
**Tackling Cardiometabolic Risk: A Case-Based Discussion**  
Sunday, March 29, 2020, 4:45 p.m. - 6:00 p.m.  
Room S403b  
CME Hours: 1.25 / CNE Hours:

Co-Chair: Arintaya Phrommintikul  
Co-Chair: Pam Taub  
Panelist: Matthew J. Feinstein  
Panelist: Fatima Rodriguez  
Panelist: Michael Wilkinson

4:45 p.m.  
Patient Case #1: NAFLD -- Patients Hiding in Plain Sight in The Cardiology  
Clinic  
Dipika J. Gopal  
Philadelphia, PA

4:48 p.m.  
Key Pearls of NAFLD Management For The Cardiovascular Specialist  
Michael Wilkinson  
San Diego, CA

5:00 p.m.  
Panel Discussion With Audience Question and Answer

5:10 p.m.  
Patient Case #2: South Asian Female With Pre-Diabetes And PCOS  
Evan Levine  
New York, NY

5:13 p.m.  
How to Begin Tackling Cardiometabolic Risk in a High-Risk South Asian  
Woman  
Annabelle S. Volgman  
Chicago, IL

5:25 p.m.  
Panel Discussion With Audience Question and Answer

5:35 p.m.  
Patient Case #3: HIV Patient With Hypertriglyceridemia  
Arjun Sinha  
Chicago, IL

5:38 p.m.  
Preventing CVD in Patients Living With HIV  
Matthew Feinstein  
Chicago, IL

5:50 p.m.  
Panel Discussion With Audience Question and Answer





**Special - Special**

**Session #108**

**Structural Heart Disease - Challenges in 2020: Cardiovascular Update for the Clinician V -- A Symposium by Valentin Fuster**  
Sunday, March 29, 2020, 4:45 p.m. - 6:00 p.m.

Room S401a

CME Hours: 1.25 / CNE Hours:

Chair: Valentin Fuster

Panelist: Robert O. Bonow

Panelist: Patrick T. O'Gara

Panelist: Rick A. Nishimura

4:45 p.m.

Aortic Stenosis- 4 Diagnostic & Therapeutic Challenges Moderate vs Severe, Bicuspid vs Senile, Low Flow/Low Gradient, CAD

Robert O. Bonow

Chicago, IL

5:00 p.m.

Aortic Regurgitation - 4 Diagnostic & Therapeutic Challenges 1ary vs 2ary, SAVR vs TAVR, Dilated LV Low EF, Dilated Aorta

Patrick T. O'Gara

Boston, MA

5:15 p.m.

Mitral Regurgitation - 4 Diagnostic & Therapeutic Challenges: 1ary vs 2ary, SMVR vs Clipping, Clipping vs TMVR, Dilated LV/Low EF

Robert O. Bonow

Chicago, IL

5:30 p.m.

Primary vs Secondary Tricuspid Regurgitation From High Risk Surgical Therapy to Lower Risk TTVR

Rick A. Nishimura

Rochester, MN

5:45 p.m.

Panel Discussion

**Special - Heart 2 Heart Stage**

**Session #6512**

**Getting to the Heart of Costs and Quality: Global Perspectives on Value-based Care**

Sunday, March 29, 2020, 4:45 p.m. - 6:00 p.m.

Heart 2 Heart Stage - Lounge & Learn, Hall B

CME Hours: 0 / CNE Hours:

Chair: Paul N. Casale

4:45 p.m.

Value Based Care

Leonard Kritharides

Sydney, Australia

4:45 p.m.

Value Based Care

Hani K. Najm

Cleveland, OH

4:45 p.m.

Value Based Care

Alexandra Konradi

Saint Petersburg, Russian Federation

**Valvular Heart Disease - Scientific**

**Session #728**

**Cardiac Culture Medium: Current Concepts in Infective Endocarditis**

Sunday, March 29, 2020, 4:45 p.m. - 6:00 p.m.

Room S503b

CME Hours: 1.25 / CNE Hours:

Co-Chair: Kyle W. Klarich

Co-Chair: Sharon L. Mulvagh

Panelist: Larry M. Baddour

Panelist: Nabin K. Shrestha

Panelist: Hartzell V. Schaff

Panelist: Victor Dayan

4:45 p.m.

The Life And Times of IE Pathogens

Larry M. Baddour

Rochester, MN

4:55 p.m.

The Life And Times of IE Pathogens Question and Answer

5:00 p.m.

Da Bug Is on Device. CIED-IE: Leave It in or Take It Out?

Nabin K. Shrestha

Cleveland, OH

5:08 p.m.

Da Bug Is on Device.CIED-IE: Leave It in or Take It Out? Question and Answer

5:13 p.m.

Case Presentation: It Takes a Village: The Heart Valve Team Management of IE

Ritu Thamman

Pittsburgh, PA

5:21 p.m.

Case Presentation: IE After TAVR: A New Dilemma

Purvi Parwani

Redlands, CA

5:29 p.m.

Another Plague: Opioid Epidemic Reshaping Epidemiology of Infective Endocarditis. What's a Doctor to Do?

Michael Brian Mikolaj

Chattanooga, TN

5:41 p.m.

I'm a POET And I Know It: Early Oral Antibiotics For Infective Endocarditis?

Henning Bundgaard

Copenhagen, Denmark

5:51 p.m.

Question and Answer

**Vascular Medicine - Scientific**

**Session #729**

**Vascular Disease and Pregnancy: A Case-Based Discussion**

Sunday, March 29, 2020, 4:45 p.m. - 6:00 p.m.

Room S103b

CME Hours: 1.25 / CNE Hours:

Co-Chair: Heather L. Gornik

Co-Chair: Amy W. Pollak

Panelist: Melinda Davis

Panelist: Marie D. Gerhard-Herman

Panelist: Afshan B. Hameed

Panelist: Elizabeth Langen



4:45 p.m.

Pregnancy Risks in Patients With Marfan's And Loey's Dietz Syndrome

Amy Kontorovich

Haworth, NJ

4:54 p.m.

Panel Discussion

4:59 p.m.

Managing Pregnancy in a Patient With Takayasu's Arteritis

Melinda Davis

Ann Arbor, MI

5:08 p.m.

Panel Discussion

5:13 p.m.

Massive PE in a Peri-Partum Woman

Victor F. Tapson

Beverly Hills, CA

5:21 p.m.

Panel Discussion

5:26 p.m.

SCAD in a Post-Partum Woman

Margo B. Minissian

Bell Gardens, CA

5:34 p.m.

Panel Discussion

5:39 p.m.

Preventing Mechanical Valves Thrombosis in Pregnancy Across The Globe

Tsuyoshi Kaneko

Boston, MA

5:47 p.m.

Management Strategies For Rheumatic Valve Disease in Pregnancy

Yudi Her Octaviano

Jakarta, Indonesia

5:55 p.m.

Panel Discussion

#### **Heart Failure and Cardiomyopathies - Clinical Focus**

##### **Session #1603**

##### **Contemporary Approaches to Cardiomyopathies: If You Can See it, You Can Treat It**

Sunday, March 29, 2020, 5:30 p.m. - 7:30 p.m.

Grand Ballroom S100a

CME Hours: 0 / CNE Hours:

5:30 p.m.

Doors Open, Dinner is Served

6:00 p.m.

Contemporary Approaches to Cardiomyopathies: If You Can See it, You Can Treat It

#### **Prevention - Clinical Focus**

##### **Session #1604**

##### **Navigating the New Nonstatins: Setting a Course for Improved LDL-C Management**

Sunday, March 29, 2020, 5:30 p.m. - 7:30 p.m.

Grand Ballroom S100c

CME Hours: 0 / CNE Hours:

5:30 p.m.

Doors Open, Dinner is Served

6:00 p.m.

Navigating the New Nonstatins: Setting a Course for Improved LDL-C Management