



Prevention - Poster Contributions

Session #1129

The Latest on Dyslipidemia Care in the Age of Precision Medicine

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

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

401 - Cost Effectiveness of an Outcome Based Reimbursement Model of PCSK9 Inhibitors

Ohad Oren, Michal Oren, University of Pennsylvania, Philadelphia, PA, USA, Tel Aviv University, Tel Aviv, Israel

402 - Real-Life PCSK9 Experience: Efficacy, Compliance and Side Effects After One Year Treatment in Familial Hypercholesterolemia Patients

Asgeir Graesdal, Ane Dybvig, Vestfold Indremedisinske Senter, Sandefjord, Norway

403 - PCSK9 Inhibition: Real World Application and Challenges to Achieve Unmet Cholesterol Targets in Canadian Atherosclerotic Heart Disease, the PRACTICAL Study

Avinash Pandey, Harpreet Bajaj, Vinay Garg, Amritanshu Pandey, Subodh Verma, Cambridge Cardiac Care Center, Cambridge, Canada

404 - Polygenetic Abnormalities in Japanese Patients With Heterozygous Familial Hypercholesterolemia

Haruki Sekiguchi, Toshiharu Koike, Takuro Abe, Akiko Sakai, Kayoko Sato, Nobuhisa Hagiwara, Institute of Cardiology, Tokyo Women's Medical University, Tokyo, Japan, National Hospital Organization, Yokohama Medical Center, Yokohama, Japan

405 - Association Between the Low-Density Lipoprotein-Cholesterol/High-Density Lipoprotein-Cholesterol Ratio and Clinical Outcomes in Patients With Acute Coronary Syndrome and Dyslipidemia: A Subanalysis of the HIJ-PROPER Study

Haruki Sekiguchi, Erisa Kawada-Watanabe, Hiroyuki Arashi, Junichi Yamaguchi, Hiroshi Ogawa, Nobuhisa Hagiwara, Institute of Cardiology, Tokyo Women's Medical University, Tokyo, Japan, National Hospital Organization, Yokohama Medical Center, Yokohama, Japan

406 - The Impact of Decreased High-Density Lipoprotein-Cholesterol Level After Lipid-lowering Therapy on the Clinical Outcomes in Patients With Acute Coronary Syndrome and Dyslipidemia: A Subanalysis of the HIJ-PROPER Study

Haruki Sekiguchi, Yuko Matsui, Erisa Kawada-Watanabe, Junichi Yamaguchi, Hiroyuki Arashi, Hiroshi Ogawa, Nobuhisa Hagiwara, Institute of Cardiology, Tokyo Women's Medical University, Tokyo, Japan, National Hospital Organization, Yokohama Medical Center, Yokohama, Japan407 - The Effect of PCSK9 Inhibition in Familial Dysbetalipoproteinemia (Type III Hyperlipoproteinemia): 4 Cases
Kristina Busygina, Elisa Waldmann, Klaus Parhofer, Klinikum der Universitaet Muenchen, Munich, Germany

408 - Cardiovascular Risk in Patients Denied Access to PCSK9i Therapy

Seth J. Baum, Chi-Chang Chen, Pallavi Rane, Jeetvan Patel, Juan Maya, David Harrison, Nicole Yurgin, Rolin Wade, Nihar Desai, Amgen Inc., Thousand Oaks, CA, USA, QuintilesIMS, Plymouth Meeting, PA, USA

409 - Predicting Cardiovascular Risk Using Common Utilization Management Criteria For Proprotein Convertase Subtilisin/Kexin Type 9 Inhibitors in Commercially Insured Patients With Atherosclerotic Cardiovascular Disease

Machaon Bonafede, Stefan DiMario, Jeetvan Patel, Barbara Johnson, David J. Harrison, Amgen Inc., Thousand Oaks, CA, USA

410 - A Remote Lipid Management Program Improves Appropriate Statin Use and Cholesterol Levels Across a Wide Population of High Cardiovascular Risk Patients

Mark D. Benson, Marian McPartlin, Lina Matta, Michael Kraft, Kira C. Barclay, Tiffany V. Bui, Robert W. Blackburn, David Zelle, Ana Mercurio-Pinto, Thomas Gaziano, Calum MacRae, Benjamin Scirica, Jorge Plutzky, Brigham and Women's Hospital, Boston, MA, USA411 - Safety and Efficacy of Statin Management During Glecaprevir/Pibrentasvir Treatment For Chronic Hepatitis C
Paul Kwo, Peter Jones, Lisa Barcomb, Joseph Gathe Jr., Yao Yu, Douglas Dylla, Ariel Porcalla, Federico Mensa, Peter Toth, AbbVie, Inc., North Chicago, IL, USA

412 - Excess National US Expenditures Associated With Lipitor Use After Introduction of Generic Atorvastatin: Insights From the Medical Expenditures Panel Survey, 2012-2014

Haider Warrach, Joseph Salami, Rohan Khera, Victor Okunrintemi, Khurram Nasir, Duke University Medical Center, Durham, NY, USA, Baptist Health South Florida, Coral Gables, FL, USA

413 - Statin Use in US Adults With Chronic Kidney Disease: A Comparison of Treatment Guidelines

Matthew Mefford, Robert Rosenson, Vera Bittner, Rikki Tanner, Luqin Deng, Monika M. Safford, Blai Coll, Katherine Mues, Keri Monda, Paul Muntner, University of Alabama at Birmingham, Birmingham, AL, USA

414 - Clinical Effects of Sublingually Administered Rosuvastatin in Subjects Who Are Statin Intolerant (SARSI)

Gregory Szto, David Kannar, Vikki O'Shea, Tomer Madmon, Peninsula Heart Centre, Frankston, Australia, Aspen Pharma, Dandenong, Australia

415 - Getting to an improved Understanding of Low-Density Lipoprotein Cholesterol and Dyslipidemia Management (GOULD): A Registry of High Cardiovascular Risk Patients in the United States

Christopher P. Cannon, James de Lemos, Robert Rosenson, Christie Ballantyne, Brian Boatman, Larisa Yedigarova, Katherine Mues, Hui-Chun Hsu, Deepak Bhatt, Mikhail Kosiborod, on behalf of the GOULD Investigators, Baim Institute for Clinical Research, Boston, MA, USA, Amgen, Thousand Oaks, CA, USA

416 - Detection of Familial Hypercholesterolemia in South Africa Via Cascade Screening: The Wits Find-FH Program

Frederick Raal, Belinda Stevens, Raulene du Toit, Dominick Troendle, Gillian Pilcher, Matthew Kelso, Traci Turner, Evan Stein,



Stein Center for FH, University of the Witwatersrand, Johannesburg, South Africa, Medpace Reference Laboratories, Cincinnati, OH, USA

417 - Relation Between Achilles Tendon Thickening and Severity of Coronary Artery Disease Despite Clinically Diagnosed Familial Hypercholesterolemia in Patients Undergoing Percutaneous Coronary Intervention
Hideki Kitahara, Takashi Nakayama, Yoshihide Fujimoto, Yoshio Kobayashi, Chiba University Graduate School of Medicine, Chiba, Japan

418 - Two-Dimensional Gradient Gel Electrophoresis of HDL and Small Dense LDL, Reveal Behavioral-Related Heart Disease Risk Improvements Missed by the Traditional HDL-c and LDL-c Measurements
H. Robert Superko, Rosalynn Gill, Megan McCarthy, Kepra Jack, Debanjali Ghosh, Briana E. Jones, Joi Gleason, Paul T. Williams, Michael Dansinger, Boston Heart Diagnostics, Framingham, MA, USA, Heart Fit for Duty, Gilbert, AZ, USA

419 - HDL Particle Concentration Is Not Associated With Risk of Major Adverse Cardiovascular Events Following Acute Coronary Syndromes
Taufiq Salahuddin, John Kittleson, Jean Claude Tardif, Prediman Shah, Anders Olsson, Stephen Nicholls, John J. V. McMurray, Eran Leitersdorf, Lawrence Leiter, Philip Barter, Christie Ballantyne, Gregory Schwartz, Denver VA Medical Center, Denver, CO, USA, University of Colorado School of Medicine, Aurora, CO, USA

420 - Modern-Day Prevalence of the Fredrickson-Levy-Lees Dyslipidemias: More Common Than You Think
Vasanth Sathiyakumar, Jihwan Park, Peter Toth, Mariana Lazo, Renato Quispe, Eliseo Guallar, Roger Blumenthal, Steven Jones, Seth Martin, Johns Hopkins Hospital, Baltimore, MD, USA, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, USA

421 - Increased Oxidized Lipoproteins Associate With Non-Calcified Coronary Plaque in Psoriasis
Alexander Sorokin, Kazuhiko Kotani, Amit Dey, Charlotte Harrington, Joseph Lerman, Jonathan Chung, Justin Rodante, David A. Bluemke, Marcus Chen, Martin Playford, Nehal Mehta, NHLBI and NIH, Bethesda, MD, USA, Jichi Medical University, Tochigi, Japan

422 - Subclinical Atherosclerosis, Epicardial Fat and Thyroid Function in Congenital Hypothyroidism
Julio Oscar Cabrera Rego, Cecilia Pérez-Gesen, Hanadys Ale, Raúl Escobar-Torres, Gianluca Iacobellis, National Institute of Endocrinology, Havana, Cuba, Hospital Manuel Fajardo, Havana, Cuba

423 - Lipoprotein(a) and Family History of Myocardial Infarction: Insights From the Dallas Heart Study
Anurag Mehta, Anand Rohatgi, Colby Ayers, Jarett Berry, Parag Joshi, Amit Khera, UT Southwestern Medical Center, Dallas, TX, USA

424 - The Efficacy and Tolerability of Anacetrapib in the Treatment of Dyslipidemia: A Pooled Analysis of Randomized Controlled Studies

Ahmed Elgebaly, Amr Menshawy, Abdelrahman Aboshouk, Mohamed Shehata, Mohamed Abdelmaboud, Ahmed Elkaryoni, University of Missouri-Kansas City, School of Medicine, Kansas City, MO, USA, Medical Research Education and Practice Association (MREP), Cairo, Egypt

425 - Characteristics and Cardiovascular Disease Event Rates Among African Americans Who Meet the FOURIER Inclusion Criteria
Lisandro Colantonio, Keri Monda, Robert Rosenson, Todd Brown, Katherine Mues, George Howard, Monika Safford, Larisa Yedigarova, Michael E. Farkouh, Paul Muntner, University of Alabama at Birmingham School of Public Health, Birmingham, AL, USA

426 - The Relationship Between Lipoprotein (a), Mitral Annular Calcification, and Mitral Stenosis in a Large Cohort of Dyslipidemia Patients
Nishant Shah, Haris Riaz, Risheek Kaul, Antonette Kanishka, Leslie Cho, Haitham Ahmed, Cleveland Clinic Foundation, Cleveland, OH, USA

427 - Familial Chylomicronemia Syndrome: An Insight Into Its Clinical Characteristics and Long Term Cardiovascular Outcomes
Nishant Shah, Stanley Hazen, Leslie Cho, Haitham Ahmed, Cleveland Clinic Foundation, Cleveland, OH, USA

428 - Comparison of Two Lipid Apheresis Systems in Patients With Homozygous Familial Hypercholesterolemia: A Single Center 3-Year Experience
Ahmet Temizhan, Elif Hande Ozcan Cetin, Mehmet S. Cetin, Bahar Tekin Tak, Turkey Yuksek Ihtisas Training and Research Hospital, Ankara, Turkey

429 - The Different Effects of Statin and Ezetimibe Combination on Coronary Atheroma Plaque in Patients With and Without Diabetes Mellitus: Sub-Analysis of PRECISE-IVUS Trial
Koichiro Fujisue, Suguru Nagamatsu, Seigo Sugiyama, Hitoshi Sumida, Hideki Shimomura, Takuro Yamashita, Kenji Sakamoto, Koichi Nakao, Sunao Nakamura, Masaharu Ishihara, Kunihiko Matsui, Naritsugu Sakaino, Natsuki Nakamura, Nobuyasu Yamamoto, Shunichi Koide, Toshiyuki Matsumura, Kazuteru Fujimoto, Ryusuke Tsunoda, Yasuhiro Morikami, Koushi Matsuyama, Shuichi Oshima, Koichi Kaikita, Seiji Hokimoto, Hisao Ogawa, Kenichi Tsujita, Kumamoto University, Kumamoto, Japan

430 - A Novel Nutritional Index by Simply Multiplying Serum Levels of Triglycerides and Total Cholesterol, and Body Weight Serves as a Useful Indicator For All-Cause, Cardiovascular and Cancer Mortality in Patients Underwent Percutaneous Coronary Intervention
Shinichiro Doi, Hiroshi Iwata, Hideki Wada, Jun Shitara, Hirohisa Endo, Ryo Naito, Hirokazu Konishi, Shuta Tsuboi, Manabu Ogita, Tomotaka Dohi, Takatoshi Kasai, Shinya Okazaki, Kikuo Isoda, Katsumi Miyauchi, Hiroyuki Daida, Department of Cardiovascular Medicine, Juntendo University Graduate School of Medicine, Tokyo, Japan

431 - Removing the Lipoprotein(a)-Cholesterol From the LDL-C Measurement Results in a 38% Reduction in Prevalence of



Elevated LDL-C at Any Threshold: Implications For the Prevalence and Diagnosis of LDL-Mediated Risk

Patrick M. Moriarty, Calvin Yeang, Stephen A. Varvel, Joseph P. McConnell, Sotirios Tsimikas, University of Kansas Medical Center, Kansas City, KS, USA

432 - Treating Lipoprotein(a)-Hyperproteinemia and Progressive Cardiovascular Disease With Lipid-Apheresis in North America
Patrick M. Moriarty, Heather M. Minchew, Donald C. Oktona, University of Kansas Medical Center, Kansas City, KS, USA

433 - Higher Plasma Omega 3 Fatty Acid Levels Are Associated With Reduced Risk For Bleeding After Cardiac Surgery
Prince Sethi, Emmanuel Akintoye, Paul Thompson, Dariush Mozaffarian, William Harris, University of South Dakota, Sanford School of Medicine, Sioux Falls, SD, USA, Tufts University, Boston, MA, USA

434 - Lack of Urgency to Lower LDL-C and Subsequent CV Risk Among ASCVD Patients in the US
Jeetvan Patel, Brian Boatman, David Harrison, Amgen, Inc., Thousand Oaks, CA, USA

Prevention - Moderated Poster Contributions Session #1140M

Taking a Broader View of Issues in Hyperlipidemia
Saturday, March 10, 2018, 10:00 a.m. - 12:00 p.m.

Prevention Moderated Poster Theater, Poster Hall, Hall A/B

CME Hours: /CNE Hours:

ACC Poster Moderator: Michael Davidson
ACC Poster Moderator: Nisha I. Parikh

10:00 a.m.
Increased Medical Care Costs in Patients With Statin-Controlled Low-Density Lipoprotein Cholesterol and Residual Hypertriglyceridemia
Gregory A. Nichols, Sephy Philip, Craig Granowitz, Kristi Reynolds, Sergio Fazio, Kaiser Permanente Center for Health Research, Portland, OR, USA

10:10 a.m.
Question and Answer

10:15 a.m.
Inhibition of Apolipoprotein C-III With GalNAc Conjugated Antisense Drug Potently Lowers Fasting Serum Apolipoprotein C-III and Triglyceride Levels in Healthy Volunteers With Elevated Triglycerides
Veronica J. Alexander, Andres Digenio, Shuting Xia, Eunju Hurh, Steve Hughes, Richard S. Geary, Joseph L. Witztum, Sotirios Tsimikas, Ionis Pharmaceuticals, Carlsbad, CA, USA

10:25 a.m.
Question and Answer

10:30 a.m.
LDL Triglycerides and Coronary Artery Disease: An Epidemiological and Genetic Study
Günther Silbernagel, Hubert Scharnagl, Marcus Kleber, Graciela Delgado, Tatjana Stojakovic, Reijo Laaksonen, Ulf Landmesser,

Jeanette Erdmann, Heribert Schunkert, Winfried März, Tanja Grammer, Medical University of Graz, Graz, Austria

10:40 a.m.
Question and Answer

10:45 a.m.
Aortic Valve Stenosis in Patients With Extremely Elevated Lipoprotein(a) Levels
Madan Poudel, Stanley Kirana, Klaus-Peter Mellwig, Dieter Horstkotte, Nikola Bogunovic, Lothar Faber, Cornelius Knabbe, Dennis Hinse, Odile Sauzet, Dana Stoyanova, Frank Van Buuren, Clin Cardiology and Inst Lab Transf Med, Herz- und Diabeteszentrum NRW, Ruhr-Universität Bochum, Bad Oeynhausen, Germany, Statistik-Beratung-Centrum (StatBeCe), Zentrum für Statistik, Universität Bielefeld, Bielefeld, Germany

10:55 a.m.
Question and Answer

11:00 a.m.
Consistency of LDL-C Reduction With Evolocumab: An Analysis From FOURIER
Arman Qamar, Robert P. Giugliano, Anthony C. Keech, Julia F. Kuder, Sabina A. Murphy, Thomas Liu, Christopher Kurtz, Scott M. Wasserman, Peter S. Sever, Terje R. Pedersen, Marc S. Sabatine, TIMI Study Group, Cardiovascular Division, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA

11:10 a.m.
Question and Answer

11:15 a.m.
PCSK9 Inhibitors in Patients With Familial Hypercholesterolemia and/or CVD: The Impact of a Systematic, Team-Based Approach to Prescription on Rates of Insurance Approval and Lipid Lowering
Thomas Knickelbine, Ross Garberich, Susan White, Sandra Oberembt, Samantha Wills, Michael Miedema, Emmanouil Brilakis, Minneapolis Heart Institute Foundation at Abbott Northwestern Hospital, Minneapolis, MN, USA, Allina Health, Minneapolis, MN, USA

11:25 a.m.
Question and Answer

11:30 a.m.
Differences in Prevalence of Phenotypically and Genotypically Ascertained Familial Hypercholesterolemia in a Cohort With Hypercholesterolemia
Merin Jose, Xiao Fan, Iftikhar Kullo, Mayo Clinic, Rochester, MN, USA

11:40 a.m.
Question and Answer

11:45 a.m.
Statin Discontinuation, Perceived Lack of Need For a Statin and Cardiovascular Disease Risk: Data From the REasons for Geographic And Racial Differences in Stroke Study
Matthew Mefford, Robert Rosenson, Meredith Kilgore, Lisandro Colantonio, Rikki Tanner, Katherine Mues, Monika M. Safford,



Paul Muntner, University of Alabama at Birmingham, Birmingham, AL, USA

11:55 a.m.
Question and Answer

Prevention - Scientific Session #619
Hitting the Moving Targets: Practical Considerations in Hypertension Guideline Implementation
Saturday, March 10, 2018, 12:15 p.m. - 1:45 p.m.
Room 308 C
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Sidney C. Smith, Jr
Co-Chair: Eugene Yang
Panelist: Kenneth A. Jamerson
Panelist: Sandra Taler
Panelist: Paul Whelton
Panelist: Michael A. Weber

12:15 p.m.
Office, Home, or Out-and-About? Accurate BP Measurement for Diagnosis of Hypertension
Sandra Taler
Rochester, MN

12:27 p.m.
ASCVD Risk Estimation to Guide the Management of Hypertension: The Time Has Come
Tyler J. Gluckman
Portland, OR

12:39 p.m.
Moving Targets, Thresholds, and Goals: Keeping the Clinician in the Know
Paul Whelton
New Orleans, LA

12:51 p.m.
So Many Drugs: Making Tough Choices
Michael A. Weber
New York, NY

1:03 p.m.
Individualizing Care: Special Considerations, Special Populations
Kenneth A. Jamerson
Ann Arbor, MI

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

Prevention - Poster Contributions
Session #1169
Blood Pressure, Cigarette Smoking and Exercise: Key in the ABCDEs of Comprehensive Cardiovascular Prevention
Saturday, March 10, 2018, 1:30 p.m. - 4:30 p.m.
Poster Hall, Hall A/B
CME Hours: /CNE Hours:

401 - Lactation and Maternal Subclinical Cardiovascular Disease Among Women With and Without a History of Hypertensive Disorders of Pregnancy

Malamo Countouris, Claudia Holzman, Gabrielle Snyder, Andrew Althouse, Steven Reis, Janet Catov, University of Pittsburgh, Pittsburgh, PA, USA

402 - Social Network Characteristics of Patients With Hypertension and Diabetes in Western Kenya
Samuel Ruchman, Allison DeLong, Winnie Matelong, Evon Okidi, Vitalis Orango, Jemima Kamano, Gerald Bloomfield, Joseph Hogan, Carol Horowitz, Violet Naanyu, Sonak Pastakia, Valentin Fuster, Thomas Valente, Rajesh Vedanthan, Icahn School of Medicine at Mount Sinai, New York, NY, USA, Academic Model Providing Access to Healthcare (AMPATH), Eldoret, Kenya

403 - Cardiovascular Risk Factors Associated With Adolescent Hypertension
Sabrina Bernardo, Rachel Krallman, Daniel Montgomery, Jean DuRussel-Weston, Eva M. Kline-Rogers, Kim Eagle, Elizabeth Jackson, University of Michigan Health System, Ann Arbor, MI, USA

404 - Impact of Alfa and Beta Blocker, Carvedilol on the Long Term Clinical Outcomes in Patients With Benign Prostatic Hypertrophy
Sung Il Im, Kosin University Gospel Hospital, Busan, South Korea

405 - Relationship Between Low Diastolic Blood Pressure, All-Cause Mortality and Cardiovascular Outcomes
Haris Riaz, Muhammad Khan, Muhammad S. Usman, Rizwan Khan, Cleveland Clinic, Cleveland, OH, USA

406 - mActive-Smoke: Using Mobile Health Tools to Assess the Association of Physical Activity With Smoking Urges
Luke Silverman-Lloyd, Sina Kianoush, Michael Blaha, Alyse B. Sabina, Garth Graham, Seth Martin, Johns Hopkins University School of Medicine, Baltimore, MD, USA

407 - Differential Impact of Smoking Cessation on Prognosis in Women Compared With Men With Coronary Artery Disease Undergoing Percutaneous Coronary Intervention
Lixia Yang, Yujie Zhou, Beijing Anzhen Hospital, Beijing, People's Republic of China

408 - Secondhand Smoke Is Linked to Higher Risk of Non-Cardiovascular Mortality But Not of Cardiovascular Mortality in Community-Dwelling Older Adults: Findings From Cardiovascular Health Study (CHS)
Amiya Ahmed, Evangelos Kanonidis, Apostolos Tsimploulis, Poonam Bhyan, Phillip Lam, Daniel Dooley, Marc Blackman, Charity Morgan, Prakash Deedwania, Gregg C. Fonarow, Javed Butler, Richard M. Allman, Wilbert Aronow, Ali Ahmed, Washington DC VA Medical Center, Washington, DC, USA, University of Maryland School of Medicine, Baltimore, MD, USA

409 - Traditional CV Risk Factors Versus Fitness and Stress Test Findings: Which Better Predicts Mortality?
Amanda Bonikowske, Francisco Lopez-Jimenez, Nora Sydo, Thomas Allison, Mayo Clinic, Rochester, MN, USA

410 - The Impact of 2-Years High Intensity Exercise Training on Integrated Cardiovascular Regulation



Michinari Hieda, Erin Howden, Satyam Sarma, William Cornwell, Marcus A. Urey, Douglas Stoller, Benjamin Levine, University of Texas Southwestern Medical Center, Dallas, TX, USA

411 - The Independent Prognostic Value of Exercise Ability and Capacity in Patients Referred For Stress Testing

Paul Cremer, Serge Harb, Yuping Wu, Venu Menon, Leslie Cho, Wael Jaber, Cleveland Clinic, Cleveland, OH, USA

412 - Association Between Serum Vitamin D Levels and Cardiorespiratory Fitness in the Adult Population of the United States

Amr Marawan, Nargiza Kurbanova, Rehan Qayyum, Virginia Commonwealth University, Richmond, VA, USA

413 - Longitudinal Changes in Physical Activity Levels Positively Impact High Sensitivity C-Reactive Protein Levels

Marcio Sommer Bittencourt, Romulo A. Fernandes, Raphael M. Ritt-Dias, Babu Balagopal, Raquel Conceicao, Gabriel G. Cucato, Raul Santos, Hospital Israelita Albert Einstein, Sao Paulo, Brazil

414 - Exercise Age Outperforms Chronologic Age in Predicting Mortality in Patients Without Known Coronary Disease

Serge C. Harb, Paul Cremer, Bo Xu, Leslie Cho, Venu Menon, Yuping Wu, Wael Jaber, Cleveland Clinic, Cleveland, OH, USA

415 - The Effect of a Comprehensive Cardiovascular Risk Reduction Program on Health-Related Quality of Life and Fitness Among Women With Breast Cancer Receiving Potentially Cardiotoxic Chemotherapy

Michael Fradley, Marcus Kilpatrick, Bernadette Shields, Nhi Tran, Amey Sanders, Erika Bianco, Kevin Kip, Bonnie Klrby, Natasha Wick, Merna Armanious, Kyeesha Becoats, Theresa Beckie, Roohi Ismail-Khan, H. Lee Moffitt Cancer Center and Research Institute, Tampa, FL, USA, University of South Florida, Tampa, FL, USA

416 - Trends in Mobile Device Usage, Physical Activity, and Sedentary Screen Time in Project Healthy Schools Students

Jeffrey Lee, Rachel Krallman, Daniel Montgomery, Jean DuRussel-Weston, Eva M. Kline-Rogers, Elizabeth Jackson, Kim Eagle, University of Michigan Health System, Ann Arbor, MI, USA

417 - Prevention of Chemo-Induced Cardiotoxicity With Beta-Blockers

Purva Sharma, Stephanie Hakimian, Juan Camacho, Robert Chait, University of Miami/JFK Medical Center, Atlantis, FL, USA

419 - Social Determinants of Lifestyle and Cardiovascular Health in a Minority Community Study For Promotion of Health

Rodrigo Fernandez-Jimenez, Jacqueline Latina, Ana Victoria Soto, Sameer Bansilal, Rajesh Vedanthan, Risa Jaslow, Maribel Santana, Raquel Diaz-Munoz, Valentina Regazzoni, Briana Cortez, Andrea Clarke-Littman, Elizabeth Hernandez, Monali Fatterpekar, Alexa Schulman, Chiara Giannarelli, Jason Kovacic, Andrew Kasarskis, Zahi Fayad, Roger Hajjar, Valentin Fuster, Icahn School of Medicine at Mount Sinai, New York, NY, USA

420 - Uric Acid Predicts Coronary Artery Disease But Not Stroke in Essential Hypertension: Data From a Greek 8-Year-Follow-Up Study

Konstantinos P. Tsioufis, Kyriakos Dimitriadis, Alexandros Kasiakogias, Dimitrios Konstantinidis, Spyros Galanakis, Theodoros Kalos, Ioanna Karapati, Eirini Andrikiou, Manos Mantzouranis, Christos Fragoulis, Dimitris Tousoulis, First Cardiology Clinic, University of Athens, Hippokration Hospital, Athens, Greece

421 - Acute Detrimental Effects of e-Cigarette and Tobacco Cigarette Smoking on Blood Pressure and Sympathetic Nerve Activity in Healthy Subjects

Konstantinos P. Tsioufis, Kyriakos Dimitriadis, Alexandros Kasiakogias, Dimitris Konstantinidis, Theodoros Kalos, Manos Mantzouranis, Dimitrios Aragiannis, George Anousis, Christos Fragoulis, Konstantinos Konstantinou, Dimitris Tousoulis, First Cardiology Clinic, University of Athens, Hippokration Hospital, Athens, Greece

Prevention - Poster Contributions

Session #1170

Novel Insights Into the Pathogenesis, Optimal Treatment and Prognosis of High Blood Pressure

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

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

422 - Effects of Ivabradine on Sympathetic Overdrive and Arterial Stiffening in Hypertensive Patients With Metabolic Syndrome: A 6 Month Follow-Up Study

Konstantinos P. Tsioufis, Kyriakos Dimitriadis, Evaggelia Koutra, Theodoros Kalos, Christos Fragoulis, Lefki Nikolopoulou, Dimitris Konstantinidis, Areti Koumelli, Konstantinos Konstantinou, Ioanna Karapati, Dimitris Tousoulis, First Cardiology Clinic, University of Athens, Hippokration Hospital, Athens, Greece

423 - Exercise Heart Rate During Treadmill Test Is Related to Renal Functional Reserve in Essential Hypertensive Patients: A Novel Link Between the Heart and the Kidneys

Konstantinos P. Tsioufis, Kyriakos Dimitriadis, Katerina Damianaki, Dimitris Konstantinidis, Theodoros Kalos, Spyros Galanakis, Eirini Andrikiou, Rania Katsarou, Konstantinos Konstantinou, Dimitrios Petras, Dimitris Tousoulis, First Cardiology Clinic, University of Athens, Hippokration Hospital, Athens, Greece

424 - Arterial Stiffness Independently Predicts Stroke in Patients With Essential Hypertension: Data From a Greek 8-Year-Follow-Up Study

Konstantinos P. Tsioufis, Kyriakos Dimitriadis, Alexandros Kasiakogias, Ioannis Liatakis, Eirini Andrikiou, Ioanna Karapati, Dimitris Konstantinidis, Skevos Sideris, George Anousis, Dimitris Tousoulis, First Cardiology Clinic, University of Athens, Hippokration Hospital, Athens, Greece

425 - Effects of Ertugliflozin on Blood Pressure and Pulse Rate in Patients With Type 2 Diabetes Mellitus

Jie Liu, Annpey Pong, Silvina Gallo, Amanda Darekar, Steven Terra, Brett Lauring, Merck & Co., Inc., Kenilworth, NJ, USA

426 - Twenty-Four-Hour Ambulatory Blood Pressure Reduction Profiles of Renal Denervation in the SPYRAL HTN-OFF MED Trial

Kazuomi Kario, Michael Boehm, Raymond Townsend, Felix Mahfoud, Stuart Pocock, Michael Weber, Martin Fahy, David



Kandzari, Jichi Medical University School of Medicine, Tochigi, Japan

427 - Regression of Organ Damage Following Renal Denervation in Resistant Hypertension: A Meta-Analysis
Athanasios Kordalis, Dimitris Tsiachris, Panagiota Pietri, Konstantinos Tsioufis, Christodoulos Stefanadis, Athens Medical Center, Athens, Greece

428 - The Longevity Gene mIndy (I'm Not Dead, Yet) Affects Blood Pressure Through Sympathoadrenal Mechanisms
Diana M. Willmes, Tina Schumann, Christine Henke, Anica Kurzbach, Friedrich Luft, Henning Morawietz, Stephen Helfand, Ali El-Armouche, Dominik Mueller, Stefan R. Bornstein, Jens Tank, Graeme Eisenhofer, Martin Daniels, Jens Jordan, Andreas Birkenfeld, TU Dresden, Dresden, Germany, DLR, Cologne, Germany

430 - NTproBNP and Incident Cardiovascular Events Across Systolic Blood Pressure (SBP) Categories in the Atherosclerosis Risk In Communities (ARIC) Study
Vijay Nambi, Wensheng Sun, John Mcevoy, James de Lemos, Ron Hoogeveen, Salim Virani, David Aguilar, Amil Shah, Chiadi Ndumele, Anita Deswal, Kunihiro Matsushita, Elizabeth Selvin, Aaron Folsom, Christie Ballantyne, Baylor College of Medicine, Houston, TX, USA, Michael E. DeBakey Veterans Affairs Hospital, Houston, TX, USA

431 - Usefulness of Blood Pressure Variability Markers Derived From Ambulatory Blood Pressure Monitoring in Detecting Autonomic Failure
Hamza Lodhi, Peri-Okonny Poghni, Kevin Schesing, Kamal Phelps, Christian Ngo, Debbie Arbique, Hillary Evans, Ayodele Aigbe, Angela Price, Steven Vernino, Lauren Phillips, Pravin Khemani, Yuichiro Yano, Sandeep Das, Tao Wang, Wanpen Vongpatanasin, University of Texas Southwestern Medical Center, Dallas, TX, USA

432 - Increased Body Mass Index (BMI) Promotes Hypertension and Worsens Blood Pressure Control Among US Veterans
Ross D. Fletcher, Ronald Jones, Hans Moore, Richard Amdur, Ali Ahmed, Raya Kheirbek, David Maron, Charles Faselis, Vasilios Papademetriou, Washington DC VA Medical Center, Washington, DC, USA

433 - Prevalence of Severe Hypertension in a Sub Saharan Community: An Under Recognised Threat
Bamba Gaye, Anne-Laure Janeczek, Roland N'Guetta, Kumar Narayanan, Xavier Jouven, Eloi Marijon, David Luu, The Heart Fund, New York, NY, USA, Paris Descartes University, Paris, France

434 - Worldwide Prevalence of Hypertension: A Pooled Meta-Analysis of 1670 Studies in 71 Countries With 29.5 Million Participants
Hosni Salem, Doaa M.Hasan, Aya Eameash, Hazem Abd El-Mageed, Sama Hasan, Rehab Ali, Faculty of Medicine, Cairo University, Cairo, Egypt

Prevention - International Session #511
Prevention and Treatment of Myocardial Infarction in the Young: International Perspectives From the Russian

Society of Cardiology, Turkish Society of Cardiology, and American College of Cardiology
Saturday, March 10, 2018, 2:00 p.m. - 3:30 p.m.
Room 304 A
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Richard A. Chazal
Co-Chair: Evgeny Shlyakhto
Co-Chair: Sadberk Lale Tokgozoglu

2:00 p.m.
Introduction to Session
Richard A. Chazal
Fort Myers, FL

2:05 p.m.
Epidemiology and Genetics of Premature MI
Marat V. Ezhov
Moscow, Russian Federation

2:16 p.m.
Causes and Differential Diagnosis of Premature MI
Alexey Yakovlev
Saint-Petersburg, Russian Federation

2:27 p.m.
The Global Challenge of Atherothrombosis
Deepak L. Bhatt
Newton, MA

2:38 p.m.
Familial Hypercholesterolemia: Underdetected and Underdiagnosed
Meral Kayikcioglu
Izmir, Turkey

2:49 p.m.
Thrombosis as a Cause of Premature MI
Huseyin Murat Ozdemir
Ankara, Turkey

3:00 p.m.
Discussion

Prevention - Scientific Session #633
Dyslipidemia: Creating Harmony in an Ever-Changing Landscape of Guidelines
Saturday, March 10, 2018, 2:00 p.m. - 3:30 p.m.
Room 308 C
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Pamela Bowe Morris
Co-Chair: Salim S. Virani
Panelist: Joshua Knowles
Panelist: Penny M. Kris-Etherton
Panelist: Tyler J. Gluckman
Panelist: Kausik Kumar Ray

2:00 p.m.
Meditations on World Peace: Can We Create Harmony Among Global Guidelines?



Kausik Kumar Ray
London, United Kingdom

2:15 p.m.
Predicting the Future: Making Sense of Risk Assessment Tools
Tyler J. Gluckman
Portland, OR

2:30 p.m.
News Flash: It's Not Just About Nutrients--The Importance of Healthy Dietary Patterns
Penny M. Kris-Etherton
University Park, PA

2:45 p.m.
It's Time for Consensus: Defining Familial Hypercholesterolemia
Joshua Knowles
Stanford, CA

3:00 p.m.
Panel Discussion With Audience Question and Answer

Prevention - Moderated Poster Contributions
Session #1180M
Familial Hypercholesterolemia: Recognizing the Prevalence and the Risks
Saturday, March 10, 2018, 3:45 p.m. - 4:30 p.m.
Prevention Moderated Poster Theater, Poster Hall, Hall A/B
CME Hours: /CNE Hours:

ACC Poster Moderator: Carl E. Orringer
ACC Poster Moderator: Michael D. Shapiro

3:45 p.m.
Prevalence of Familial Hypercholesterolemia and LDL Cholesterol Reduction Among Young Adults With Myocardial Infarction
Avinainder Singh, Bradley Collins, Ankur Gupta, Amber Fatima, Arman Qamar, David Biery, Sekar Kathiresan, Marcelo Di Carli, Khurram Nasir, Deepak Bhatt, Ron Blankstein, Brigham and Women's Hospital, Boston, MA, USA

3:55 p.m.
Question and Answer

4:00 p.m.
Identifying Familial Hypercholesterolemia Using a Blood Donor Screening Program: Results From >200,000 Donors
Candace Wu, Stephen J. Eason, Zahid Ahmad, Colby Ayers, M. Odette Gore, Darren McGuire, Merlyn Sayers, Amit Khera, University of Texas Southwestern Medical Center, Dallas, TX, USA, Carter BloodCare, Bedford, TX, USA

4:10 p.m.
Question and Answer

4:15 p.m.
Familial Hypercholesterolemia: Prevalence and Risk of Myocardial Infarction in Olmsted County, Minnesota
Magdi A. Zordok, Kent R. Bailey, Christina M. Wood-Wentz, Carin Y. Smith, Ashwini Bhat, Maya S. Safarova, Iftikhar J. Kullo, Mayo Clinic, Rochester, MN, USA

4:25 p.m.
Question and Answer

Prevention - Scientific
Session #647
Ensuring a Bright Future for Patients With T2DM: Comprehensive Risk Management
Saturday, March 10, 2018, 4:45 p.m. - 6:00 p.m.
Room 308 C
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Mikhail Kosiborod
Co-Chair: Laurence Sperling
Panelist: William C. Cushman
Panelist: Lawrence Leiter
Panelist: Stephen Kopecky
Panelist: Peter W. F. Wilson

4:45 p.m.
Is T2DM Really a CHD Risk Equivalent? The Case for Formal Risk Assessment
Peter W. F. Wilson
Atlanta, GA

4:55 p.m.
Moving Beyond A1C Control: Selection of Anti-Diabetic Agents for CVD Risk Reduction
Lawrence A. Leiter
Toronto, Canada

5:05 p.m.
Managing a Sticky Situation: The Role of Antiplatelet Agents in T2DM
Marc P. Bonaca
Boston, MA

5:15 p.m.
The Evolution of BP Goals in Diabetes: HOPE, ACCORD, and Beyond
William C. Cushman
Memphis, TN

5:25 p.m.
Statin Therapy in Patients With T2DM: For Some or for All?
Stephen Kopecky
Rochester, MN

5:35 p.m.
Panel Discussion With Audience Question and Answer

Prevention - International
Session #515
The Magnitude of the Problem: Dyslipidemia in the Emerging World: International Perspectives from the ACC Bangladesh Chapter, Philippine Heart Association, and American College of Cardiology
Sunday, March 11, 2018, 8:00 a.m. - 9:30 a.m.
Room 304 A
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Frederick A. Masoudi
Co-Chair: A.K.M. Mohibullah
Co-Chair: Jorge Sison



8:00 a.m.
Introduction to Session
Frederick A. Masoudi

8:05 a.m.
Going Back to Basics: Using Diet & Exercise to Prevent CVD
Andrew M. Freeman
Denver, CO

8:20 a.m.
Dyslipidemia in Southeast Asia: The Magnitude of the Problem
Abdullah A. S. Majumder
Dhaka, Bangladesh

8:35 a.m.
Guideline Based Management of Dyslipidemia for Southeast Asians: All Feet Tread Not in One Shoe?
Afzalur Rahman
Dhaka, Bangladesh

8:50 a.m.
Ethnic Differences in Response to Medications for ASCVD Risk Reduction: Insights from Pharmacogenomics
Rody Sy
Mandaluyong City, Philippines

9:05 a.m.
ASCVD Risk in SE Asia: Does Pharmacogenomic Data Provide the Answers?
Eva Cutiongco-dela Paz
Manila, Philippines

9:20 a.m.
Discussion

**Prevention - Scientific
Session #658**
Disruptive Medicine: Multi-Level Innovative Approaches to Improve Cardiovascular Health in Minority Populations: Joint Symposium of the Association of Black Cardiologists and the American College of Cardiology
Sunday, March 11, 2018, 8:00 a.m. - 9:30 a.m.
Room 308 C
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Michelle Albert
Co-Chair: Eldrin F. Lewis
Panelist: Michelle Albert
Panelist: Nakela L. Cook
Panelist: Ted W. Love
Panelist: Clyde W. Yancy

8:00 a.m.
Discovery and Technology: Transforming Heart and Vascular Care for Sickle Cell Disease - Challenges and Potential Solutions
Ted W. Love
South San Francisco, CA

8:18 a.m.
Policy/Social Determinants: Social Determinants of Health and Cardiovascular Risk in Minorities: Challenges and Opportunities

for Incorporation into Cardiovascular Care and Funding Opportunities
Nakela L. Cook
Bethesda, MD

8:36 a.m.
Workforce: Ethnicity and Unraveling Workforce Promotion in Cardiovascular Science Leadership, Academia and Clinical Practice
Michelle Albert
Burlingame, CA

8:54 a.m.
CVD Care: Alphabet Soup of Cardiovascular Therapies: LVADs, TAVRs, CRT-Ds and Equitable Utilization Across Heterogeneous Populations
Clyde W. Yancy
Chicago, IL

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

**Prevention - Core Curriculum
Session #806**
Lipid Management Beyond the Basics
Sunday, March 11, 2018, 8:00 a.m. - 9:30 a.m.
Room 207 A
CME Hours: 1.5 /CNE Hours: 1.5

Chair: Laxmi S. Mehta

8:00 a.m.
Lipid Subparticles Testing: When to Use and What do the Results Mean?
Peter H. Jones
Houston, TX

8:20 a.m.
Role of Lp(a) Testing in Women: Added Benefit or Cost?
Gina Price Lundberg
Marietta, GA

8:40 a.m.
Familial Hyperlipidemia: Advances in Care
James Underberg
New York, NY

9:01 a.m.
Panel Discussion Moderator: Laxmi S. Mehta

9:01 a.m.
Panel Discussion with Question and Answer

**Prevention - Poster Contributions
Session #1212**
The Not So Sweet Truth: Latest Insights in Insulin Resistance and Diabetes For Preventive Cardiology
Sunday, March 11, 2018, 9:30 a.m. - 12:30 p.m.
Poster Hall, Hall A/B
CME Hours: /CNE Hours:

401 - Understanding Public Awareness Regarding the Association Between Type 2 Diabetes and Cardiovascular Disease: Findings From the "For Your SweetHeart™" Survey



Leigh Perreault, Marilyn K. Boardman, Jonathan Pak, University of Colorado Anschutz Medical Center, Aurora, CO, USA, Boehringer-Ingelheim Pharmaceuticals, Inc., Ridgefield, CT, USA

402 - Plasma Proteins and Pathways Associated With Triglyceride Levels in a Diabetic Population

Stacey Knight, David Crockett, Heidi May, Viet T. Le, Jeffrey Anderson, Kirk Knowlton, J. Muhlestein, Intermountain Medical Center, Salt Lake City, UT, USA

403 - Semaphorin and Plexin Pathways Associated With Increases in Hemoglobin A1c in Individuals With Diabetes Mellitus

Stacey Knight, Heidi May, Jeffrey Anderson, Kirk Knowlton, J. Muhlestein, Intermountain Medical Center, Salt Lake City, UT, USA

404 - Impacts of Blood Glucose Control With Novel Diabetic Drugs on Major Adverse Cardiovascular Events: Meta-Regression Analysis of Randomized Controlled Trials

Weiting Wang, Hao-Min Cheng, Chern-En Chiang, Taipei Veterans General Hospital, Taipei, Taiwan, ROC

405 - Associations Between Circulating Levels of Plasma of Proprotein Convertase Subtilisin/Kexin Type 9 and Vascular Outcomes in African American Diabetic Patients

Ayobami Eluwole, Ajibola M. Adedayo, Fasika Tedla, Arye Kremer, Nicole Mastrogiovanni, Mohammed Afzal, Carl Rosenberg, Paul Dreizen, John La Rosa, Mohamed Boutjdir, Mary Ann Banerji, Clinton Brown, Moro Salifu, Jason Lazar, Ahmed Bakillah, SUNY Downstate Medical Center, Brooklyn, NY, USA

406 - Design and Baseline Characteristics of the eValuation of ERTugliflozin efficacy and Safety Cardiovascular Outcomes Trial (VERTIS-CV)

Christopher P. Cannon, Darren McGuire, Richard Pratley, Samuel Dagogo-Jack, James Mancuso, Susan Huyck, Bernard Charbonnel, Weichung Shih, Silvina Gallo, Urszula Masiukiewicz, Gregory Golm, Cosentino Francesco, Brett Luring, Steven Terra, Merck and Co., Inc., Kenilworth, NJ, USA, Pfizer, Inc., New York, NY, USA

407 - The Prognostic Effect of Known and Newly Detected Type 2 Diabetes in Patients With Acute Coronary Syndromes

Thorarinn Arni Bjarnason, Steinar Hafthorsson, Linda Kristinsdottir, Erna Sif Oskarsdottir, Thor Aspelund, Sigurdur Sigurdsson, Vilundur Gudnason, Karl Andersen, Landspítali, the University Hospital of Iceland, Reykjavik, Iceland, University of Iceland, Reykjavik, Iceland

408 - Identifying Gaps in Care of Diabetic Patients: A Look at Statins

Sandrine Lebrun, Michael Malekan, Rebecca Mazurkiewicz, Rachel Bond, Lenox Hill Hospital-Northwell Health, New York, NY, USA

409 - Comparing Coronary Artery Calcium and Atherosclerotic Cardiovascular Disease Risk Scores in Diabetic, Prediabetic and Nondiabetic Community Based Population Without Known Cardiovascular Disease

Theresa Ratajczak, Arpan Patel, Amy Jiang, Saagar Sanghvi, Ronald Markert, Mukul Chandra, Wright State University, Dayton, OH, USA

410 - Visceral Adiposity Is a Significantly Stronger Predictor of Diabetes Incidence in Men Than in Women

Alexander Vonbank, Christoph Saely, Christina Lins, Daniela Zanolin, Andreas Leiberer, Philipp Rein, Axel Muendlein, Heinz Drexel, Vorarlberg Institute for Vascular Investigation and Treatment, Feldkirch, Austria, Academic Teaching Hospital, Feldkirch, Austria

411 - Empagliflozin and Canagliflozin Attenuate Inflammatory Cytokines Interferon- γ , Tumor Necrosis Factor- α , Interleukin-6: Possible Mechanism of Decreasing Cardiovascular Risk in Diabetes Mellitus

Stanley Andrew Tan, Linda Tan, Oakcrest Health Research Institute, Orlando, FL, USA, Loma Linda University, Fayetteville, NC, USA

412 - Soluble Urokinase Plasminogen Activator Receptor Compared to Coronary Artery Calcium Score and High Sensitivity C Reactive Protein in Predicting Death in African Americans With Diabetes

Mohamad Raad, Salim Hayek, Jianzhao Xu, Donald Bowden, Jochen Reiser, Barry Freedman, Emory University School of Medicine, Atlanta, GA, USA, Wake Forest School of Medicine, Winston Salem, NC, USA

413 - Population Study on Cardiovascular Risk in Young Indians Across Continent: Time For Action

Rajay Narain, Ahmed Merghani, Gherardo Finocchiaro, Harshil Dhutia, Aneil Malhotra, Michael Papadakis, Sanjay Sharma, St. George's University of London, London, United Kingdom

414 - Incremental Cost of Cardiovascular Disease, Hypertension, and Pain For Patients With Diabetes Mellitus

Deborah Taira, Santhosh Mannem, Wesley K. Sumida, James Davis, Ralph Shohet, Todd Seto, University of Hawaii, Honolulu, HI, USA

415 - Serum Uromodulin Is Significantly Associated With Both Type 2 Diabetes and Prediabetes

Andreas Leiberer, Axel Muendlein, Christoph Saely, Eva-Maria Brandtner, Peter Fraunberger, Heinz Drexel, Vorarlberg Institute for Vascular Investigation and Treatment, Feldkirch, Austria, Academic Teaching Hospital, Feldkirch, Austria

416 - Evaluation of the Association of Single Nucleotide Polymorphisms in the Sodium Glucose Co-Transporter 2 Gene With Glucose Homeostasis and Type 2 Diabetes

Axel Muendlein, Janine Ebner, Andreas Leiberer, Christoph Saely, Kathrin Geiger, Eva-Maria Brandtner, Daniela Zanolin, Alexander Vonbank, Peter Fraunberger, Heinz Drexel, Vorarlberg Institute for Vascular Investigation and Treatment, Feldkirch, Austria, Academic Teaching Hospital, Feldkirch, Austria

417 - Correlation Between Circulating MicroRNAs and Chronic Kidney Disease in Patients With and Without Type 2 Diabetes

Axel Muendlein, Kathrin Geiger, Andreas Leiberer, Christoph Saely, Janine Ebner, Eva-Maria Brandtner, Daniela Zanolin, Alexander Vonbank, Peter Fraunberger, Heinz Drexel, Vorarlberg Institute for Vascular Investigation and Treatment, Feldkirch, Austria, Academic Teaching Hospital, Feldkirch, Austria



418 - Serum Uromodulin Predicts Mortality Independently From the Presence of Type 2 Diabetes

Andreas Leiherer, Axel Muendlein, [Christoph Saely](#), Janine Ebner, Eva-Maria Brandtner, Peter Fraunberger, Heinz Drexel, Vorarlberg Institute for Vascular Investigation and Treatment, Feldkirch, Austria, Academic Teaching Hospital, Feldkirch, Austria

419 - Single Nucleotide Polymorphisms at the HMGCR Gene Locus Significantly Predict Total Mortality in Angiographed Coronary Patients With the Metabolic Syndrome

Andreas Leiherer, Axel Muendlein, [Christoph Saely](#), Philipp Rein, Alexander Vonbank, Peter Fraunberger, Heinz Drexel, Vorarlberg Institute for Vascular Investigation and Treatment, Feldkirch, Austria, Academic Teaching Hospital, Feldkirch, Austria

420 - The Creatinine to Uromodulin Ratio in Serum Predicts Major Cardiovascular Events Independently From the Presence of Type 2 Diabetes

Andreas Leiherer, Axel Muendlein, [Christoph Saely](#), Janine Ebner, Eva-Maria Brandtner, Peter Fraunberger, Heinz Drexel, Vorarlberg Institute for Vascular Investigation and Treatment, Feldkirch, Austria, Academic Teaching Hospital, Feldkirch, Austria

421 - Serum Uromodulin Predicts a Decline in Kidney Function Independently From the Presence of Type 2 Diabetes

Andreas Leiherer, Axel Muendlein, [Christoph Saely](#), Eva-Maria Brandtner, Kathrin Geiger, Peter Fraunberger, Heinz Drexel, Vorarlberg Institute for Vascular Investigation and Treatment, Feldkirch, Austria, Academic Teaching Hospital, Feldkirch, Austria

422 - Type 2 Diabetes, Chronic Kidney Disease, and Mortality in Patients With Established Cardiovascular Disease

[Christoph Saely](#), Alexander Vonbank, Christina Lins, Daniela Zanolin, Andreas Leiherer, Philipp Rein, Axel Muendlein, Heinz Drexel, Vorarlberg Institute for Vascular Investigation and Treatment, Feldkirch, Austria, Academic Teaching Hospital, Feldkirch, Austria

423 - Impact of Past and Current Smoking on the Risk of Future Cardiovascular Events in Angiographed Coronary Patients With Type 2 Diabetes

[Christoph Saely](#), Christina Lins, Daniela Zanolin, Andreas Leiherer, Alexander Vonbank, Axel Muendlein, Philipp Rein, Heinz Drexel, Vorarlberg Institute for Vascular Investigation and Treatment, Feldkirch, Austria, Academic Teaching Hospital, Feldkirch, Austria

424 - The Severity of the Metabolic Syndrome Among Angiographed Coronary Patients Predicts Cardiovascular Events Both in Patients With Diabetes and in Nondiabetic Subjects

[Christoph Saely](#), Alexander Vonbank, Christina Lins, Daniela Zanolin, Andreas Leiherer, Axel Muendlein, Philipp Rein, Heinz Drexel, Vorarlberg Institute for Vascular Investigation and Treatment, Feldkirch, Austria, Academic Teaching Hospital, Feldkirch, Austria

425 - Cardio-Ankle Vascular Index as a Predictor of Cardiovascular Events and All-Cause Mortality in Metabolic Syndrome Patients

[Thosaphol Limpjankit](#), Prin Vathesatogkit, Dujrudee Matchariyakul, Teerapat Yingchoncharoen, Hathaichon Boonhat, Piyamitr Sritara, Ramathibodi Hospital Mahidol University,

Bangkok, Thailand, Medical and Health Division EGAT, Nonthaburi, Thailand

426 - Missed Opportunities For Cardiovascular Disease (CVD) Prevention During US Ambulatory Care Visits For Patients With Diabetes Mellitus

[Jonathan D. Newman](#), Jeffrey Berger, Joseph Ladapo, New York University School of Medicine, New York, NY, USA

427 - Does Eating Fast Cause Obesity and Metabolic Syndrome?

[Takayuki Yamaji](#), Shinsuke Mikami, Hiroshi Kobatake, Kengo Kobayashi, Haruki Tanaka, Kouichi Tanaka, Misyoshi Central Hospital, Miyoshi, Japan

428 - Metabolic Syndrome as a Predictor of Cardiovascular Mortality in the CARMELA-Chile Study: Better Than the ACC/AHA and the Chilean-Modified Framingham Risk Scores

Monica Acevedo, [Giovanna Valentino](#), Lorena Orellana, Marcela Adasme, Maria Jose Bustamante, Fernando Baraona, Carlos Navarrete, Pontificia Universidad Católica de Chile, Santiago, Chile

430 - Decrease in the Rates of Fatal and Non-Fatal Cardiovascular Events in the Presence of Increasing Rates of Diabetes in New Jersey

William J. Kostis, Stavros Zinonos, Javier Cabrera, Jeanne Dobrzynski, [John B. Kostis](#), Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ, USA

431 - Effect of Short and Long Sleep Duration in Predicting Obesity Among Various Racial Groups of a Large Multi-Ethnic Organization

[Muhammad Aziz](#), Tanuja Rajan, Dorcy Morency, Mythili Penugonda, Nicole Ross, Muhammad Latif, Maribeth Rouseff, Henry Guzman, Theodore Feldman, Ehimen Aneni, Emir Veledar, Khurram Nasir, West Kendal Baptist Hospital, Baptist Health South Florida, Miami, FL, USA

432 - Primary Prevention With Aspirin Reduces Mortality in Type 2 Diabetes and Heart Failure: Results From the THIN Primary Care Database

[Charbel Abi Khalil](#), Omar Omar, Jassim Al Suwaidi, Shahrads Taheri, Weill Cornell Medicine-Qatar, Doha, Qatar

433 - The SGLT2 Inhibitor Empagliflozin Does Not Exhibit Pro Thrombotic Effects

[Carlos G. Santos-Gallego](#), Mohammad Zafar, Rodolfo San Antonio, Juan Antonio Requena Ibanez, Maria Belen Picatoste Botija, Kiyotake Ishikawa, Shin Watanabe, Roger Hajjar, Valentin Fuster, Juan Badimon, Icahn School of Medicine at Mount Sinai, New York, NY, USA

434 - First Responder Heart Disease Risk Reduction, Insulin Resistance, and a Personalized Lifestyle Management Program

[H. Robert Superko](#), Rosalynn Gill, Megan M. McCarthy, Jack Kepra, Debanjali Ghosh, Briana Jones, Joi A. Gleason, Paul T. Williams, Michael L. Dansinger, Boston Heart Diagnostics, Boston, MA, USA, Heart Fit for Duty, Gilbert, AZ, USA



Prevention - Moderated Poster Contributions
Session #1223M
New Insights Into Opportunities For Prevention of CVD Events
Sunday, March 11, 2018, 9:45 a.m. - 10:30 a.m.
Prevention Moderated Poster Theater, Poster Hall, Hall A/B
CME Hours: /CNE Hours:

ACC Poster Moderator: Erin D. Michos
ACC Poster Moderator: Justin Sadhu

9:45 a.m.
A Highly Predictive Machine Learning Model to Identify Hospitalized Patients at Risk For 30-Day Readmission or Mortality
Zhaohui Su, Gregory Donadio, Tom Brecht, Francis O'Donovan, Costas Boussios, Vandana Menon, Rich Gliklich, OM1 Inc., Boston, MA, USA

9:55 a.m.
Question and Answer

10:00 a.m.
Real-World Opportunity of Empagliflozin in Cardiovascular Risk Factor Modification: An NCDR® "Research-to-Practice" Project From the Diabetes Collaborative Registry (DCR)
Suzanne Arnold, Leo Seman, Fengming Tang, Darren McGuire, Sanjeev Mehta, Abhinav Goyal, Laurence Sperling, Mikhail Kosiborod, Saint Luke's Mid America Heart Institute, Kansas City, MO, USA

10:10 a.m.
Question and Answer

10:15 a.m.
Reducing Cardiovascular Risk in the Medicare Million Hearts Risk Reduction Model
William Borden, Jingyan Wang, Philip Jones, Johanna Contreras, Stacie L. Daugherty, Nihar Desai, Steven A. Farmer, Salim Virani, Jason Wasfy, Thomas M. Maddox, George Washington University, Washington, DC, USA

10:25 a.m.
Question and Answer

Prevention - Scientific
Session #673
There's No Sugar Coating the New Reality: Changing the Paradigm for CVD Risk Reduction in T2DM
Sunday, March 11, 2018, 10:45 a.m. - 12:15 p.m.
Room 308 C
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Robert H. Eckel
Co-Chair: Melissa Magwire
Panelist: Mikhail Kosiborod
Panelist: Jorge Plutzky
Panelist: Benjamin M. Scirica
Panelist: Laurence Sperling

10:45 a.m.
Setting the Stage: The Coming Paradigm Shift From Glycemic Control to CVD Risk Reduction

Mikhail Kosiborod
Leawood, KS

11:00 a.m.
Recent Breakthrough Cardiovascular Outcomes Trials in T2DM
Benjamin M. Scirica
Boston, MA

11:15 a.m.
Utilizing Anti-Diabetic Agents to Manage CVD Risk in T2DM
Jorge Plutzky
Boston, MA

11:30 a.m.
The Evolving Role of the CV Clinician in Management of CVD Risk in T2DM
Laurence Sperling
Atlanta, GA

11:45 a.m.
Panel Discussion With Audience Question and Answer

Prevention - International
Session #518
International CV Centers of Excellence and CV Quality: It's a Small World After All
Sunday, March 11, 2018, 12:30 p.m. - 1:45 p.m.
Room 304 E
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Ralph G. Brindis
Co-Chair: Sarah C. Clarke

12:30 p.m.
Introduction to Session
Ralph G. Brindis
San Francisco, CA

12:30 p.m.
Introduction to Session
Sarah C. Clarke
Cambridge, United Kingdom

12:35 p.m.
It Takes a Village
Hani Omar Abdel-Hadi
Dammam, Saudi Arabia

12:45 p.m.
Registries as a Tool for Quality Improvement for CVD Care in India and LMICs
Rajeev Gupta
Jaipur Rajasthan, India

12:55 p.m.
Improvement in Quality Indicators Using NCDR® Registries: Five Years of International Experience
Pedro Gabriel Melo De Barros E Silva
São Paulo, Brazil

1:05 p.m.



NCDR® as a Resource Improvement in Hospital Quality

Parameters

Keyur H. Parikh

Ahmedabad, India

1:15 p.m.

Enhancing Quality of Care for a.m.I: Physician Engagement

Strategies at Hospital Israelita Albert Einstein

Marcelo Franken

Sao Paulo, Brazil

Panelist: Hani Omar Abdel-Hadi

Panelist: Rajeev Gupta

Panelist: Pedro Gabriel Melo De Barros E Silva

Panelist: Keyur H. Parikh

Panelist: Marcelo Franken

Prevention - Scientific

Session #688

Beyond Essential Hypertension: Complex Case Studies in

Resistant, Secondary, and Post-Stroke Hypertension

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

Room 308 C

CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Stacie L. Daugherty

Co-Chair: Keith C. Ferdinand

Panelist: Joshua A. Beckman

Panelist: Robert M. Carey

Panelist: Kenneth A. Jamerson

Panelist: Suzanne Oparil

12:30 p.m.

Pressure Is Perfusion: Hypertension Management in Acute Stroke

and Beyond

Anum Saeed

Houston, TX

12:35 p.m.

Panel Discussion With Audience Question and Answer

12:55 p.m.

Resisting Arrest in HTN Control: Recognizing and Managing

Resistance and Non-Adherence

John Mooney

Fernandina Beach, FL

1:00 p.m.

Panel Discussion With Audience Question and Answer

1:20 p.m.

Thinking Like Sherlock Holmes: When HTN Is More Than Meets
the Eye

Mrinal Yadava

Portland, OR

1:25 p.m.

Panel Discussion With Audience Question and Answer

Prevention - Moderated Poster Contributions

Session #1232M

**Lifestyle, Nutrition and Management of Obesity to Promote
CV Health**

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

**Prevention Moderated Poster Theater, Poster Hall, Hall
A/B**

CME Hours: /CNE Hours:

ACC Poster Moderator: Andre Paixao

ACC Poster Moderator: Neil J. Stone

12:30 p.m.

Increasing Trend in the Prevalence of Abdominal Obesity in the
United States During 2001-2016

Doosup Shin, Chandrashekar Bohra, Kullatham Kongpakpaisarn,
Eun Sun Lee, University of South Florida College of Medicine,
Tampa, FL, USA, Weiss Memorial Hospital, Chicago, IL, USA

12:40 p.m.

Question and Answer

12:45 p.m.

Accuracy of the Pooled Cohort Equation to Estimate
Atherosclerotic Cardiovascular Disease Events by Obesity Class: A

Pooled Assessment of Five Longitudinal Cohort Studies

Rohan Khera, Ambarish Pandey, Colby Ayers, Mercedes

Carnethon, Philip Greenland, Vijay Nambi, Stephen Seliger, Paulo

Chaves, Donald Lloyd-Jones, Jarett Berry, James de Lemos, Ian

Neeland, University of Texas Southwestern Medical Center,

Dallas, TX, USA

12:55 p.m.

Question and Answer

1:00 p.m.

Insufficient Cardiovascular Risk Factor Control and Adherence to
Recommended Lifestyle and Medical Therapies in People With

Coronary Heart Disease in 24 European Countries

Kornelia Kotseva, Dirk De Bacquer, Guy De Backer, Lars Ryden,

Catriona Jennings, David Wood, on behalf of EUROASPIRE V

Investigators, European Society of Cardiology, Nice, France,

Imperial College London, London, United Kingdom

1:10 p.m.

Question and Answer

1:15 p.m.

Weight Loss Following Coronary Artery Calcium Testing in Obese
Patients

Sadeer G. Al-Kindi, Robert Gilkeson, Les Ciancibello, Nataly

Johnson, John Shanahan, Michelle Bryant-Hodges, Stan Pokras,

Mirela Dobre, Daniel Simon, Sanjay Rajagopalan, David Zidar,

University Hospitals Cleveland Medical Center, Cleveland, OH,

USA

1:25 p.m.

Question and Answer

1:30 p.m.

Intervention to Alter Dietary Consumption to a Mediterranean
Diet in an American Cardiology Patient Population: A Randomized



Controlled Trial of Coaching Delivered Via Smartphone App Versus Traditional Counseling

Brian Choi, Tania Dhawan, Kelli Metzger, Lorraine Marshall, Awdah Akbar, Tushina Jain, Heather Young, Richard Katz, George Washington University, Washington, DC, USA

1:40 p.m.

Question and Answer

Prevention - Poster Contributions

Session #1260

Risk Factor Assessment and Risk Prediction to Guide ASCVD Prevention

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

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

401 - Osteopontin: A New Frontier in Biomarkers For ASCVD Prediction

Shuktika Nandkeolyar, Ali Naqvi, Ajay Sharma, Wenjun Fan, Jamal Rana, Daniel Berman, Nathan Wong, University of California at Irvine, Irvine, CA, USA, Cedars-Sinai Medical Center, Los Angeles, CA, USA

402 - The Risk in Treating Estimated Risk: An Algorithm For Calculating Confidence Intervals For Risk Prediction Equations
Thatcher B. Ference, Brian Ference, University of Cambridge, Cambridge, United Kingdom

403 - Combined Patterns of Obesity and Smoking Status For Prediction of Coronary Artery Disease: A Follow-Up Study on Treated Hypertensive Patients

Konstantinos P. Tsioufis, Alexandros Kasiakogias, Dimitris Konstantinidis, Theodoros Kalos, Christos Mallios, Ioannis Andrikou, Evaggelia Koutra, Konstantinos Thomopoulos, Kyriakos Dimitriadis, Ioannis Kallikazaros, Dimitris Tousoulis, First Cardiology Clinic, University of Athens, Hippokration Hospital, Athens, Greece

404 - Associations Among Cumulative Social Risk, Ideal Cardiovascular Health and Exposure to Environmental Pollutants
Ann Canterbury, Sebhat Erqou, Jane Clougherty, Claudia Bambs, Ellen J. Kinnee, Sheila Tripathy, Daniel Shpilsky, Jared Magnani, Aryan Aiyer, Steven Reis, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

405 - Helping Everyone Assess Risk Today! (HEART!): Ethnic, Urban and Suburban ASCVD Risk Differences
Sarah Alexander, Kelly Blair, Estefania Oliveros, Kim Allan Williams Sr., Rush University Medical Center, Chicago, IL, USA

406 - Low Adherence to Discharge Medications Predicts Risk of Cardiac Events Midterm After Cardiac Surgery: A Pilot Study Among Predominantly Black Inner-City Patients
Phyllis Supino, Ofek Hai, Sriya Avadhani, Ridita Nizam, Daniel Beckles, Jeffrey Borer, SUNY Downstate Medical Center, Brooklyn, NY, USA

407 - The Impact of Cardiovascular Disease Risk Factors on Atherosclerosis in Psoriasis

Michael Seth Garshick, Nathaniel Smilowitz, Yu Guo, Jeffrey Berger, New York University School of Medicine, New York, NY, USA

408 - A Case-Control Study of Preeclampsia and the Future Development of Cardiovascular Risk Factors
Karlee Hoffman, Ami Patel, Amy Tang, Indu Poornima, Allegheny Health Network, Pittsburgh, PA, USA

409 - The Pooled Cohort Risk Equation Markedly Underestimates the Risk of Atherosclerotic Cardiovascular Events After Radiation Therapy
Daniel Addison, Aferdita Spahillari, Adam Rokicki, Annie Chan, Lori Wirth, Ravi Shah, Tom Neilan, Massachusetts General Hospital, Boston, MA, USA, Ohio State University, Columbus, OH, USA

410 - Recurrent Cardiovascular Event Rates in High-Risk Atherosclerotic Cardiovascular Disease Patients: Estimates From Swedish Population-Based Register Data
Maria Lindh, Jonas Banefelt, Sara Hallberg, Kathleen M. Fox, Yi Qian, Villa Guillermo, Ming-Hui Tai, Quantify Research, Stockholm, Sweden, Amgen Inc., Thousand Oaks, CA, USA

411 - Increased Risk of the Progression of Coronary Artery Calcification According to Traditional Cardiovascular Risk Burden in Asymptomatic Subjects: Results From the Korea Initiatives on Coronary Artery Calcification (KOICA) Registry
Ji Hyun Lee, David Sung, Kisang Yoo, Donghee Han, Hyeonju Jung, Hyo Eun Park, Su-Yeon Choi, Eun Ju Chun, Jidong Sung, Sung Hak Park, Hae-Won Han, Ji Min Sung, Hyuk-Jae Chang, Severance Cardiovascular Hospital, Yonsei University Health System, Seoul, South Korea

412 - Incidental Coronary Artery Calcification on Computerized Tomography in Patients With Early Stage Non-Small Cell Lung Cancer and Opportunities For Cardiovascular Risk Optimization
Sarah Cuddy, David L. Payne, David Murphy, Ruth Dunne, Raphael Bueno, Ron Blankstein, Marcelo Di Carli, Mandeep Mehra, Anju Nohria, John Groarke, Brigham and Women's Hospital, Boston, MA, USA

414 - Associations Between Conventional Cardiovascular Risk Factors and Risk of Perioperative Acute Myocardial Infarction After Non-Cardiac Surgery
Tanya Wilcox, Nathaniel Smilowitz, Jonathan Newman, Jeffrey Berger, New York University School of Medicine, New York, NY, USA

415 - An Assessment of Income Inequality in Atherosclerotic Cardiovascular Disease Risk
Blaine Menon, Taylor Wurdeman, Gil Metser, Christopher Hawk, University of Miami Miller School of Medicine, Miami, FL, USA

416 - Cardiovascular Risk Assessment Scores For Hispanics Living in United States: A Systematic Review and Meta-Analysis
Carlos Godoy, Haris Riaz, Eduardo Venegas, Samuel A. Urrutia, Eleazar A. Montalván, Laura Young, Marian Simonson, Haitham Ahmed, Cleveland Clinic Foundation, Cleveland, OH, USA

417 - Role of Risk Factor Knowledge in the Recognition of Heart-Related Symptoms Differ According to Gender



Niveditha Pattathil, Tanya Kakkar, Puru Panchal, Cameron Taheri, Catherine Kreatsoulas, Harvard University, Boston, MA, USA, University of Toronto, Toronto, Canada

418 - Circulating Soluble Urokinase Plasminogen Activator Receptor Levels Predict Mortality in Subjects Without Obstructive Coronary Artery Disease

Nabil Sabbak, Ahmed AlBadri, Ayman Samman Tahhan, Pratik Sandesara, Ayman Alkhoder, Salim Hayek, Heval M. Kelli, Mohamad Mazen Gafeer, Naser Abdelhadi, Belal Kaseer, Yi-An Ko, Keyur Patel, Fahad Choudhary, Sonali Kumar, Jamal Hajjari, Arti Patel, Murtuza Jafri, Muaaz Choudhary, Laila Hasnain, Vanessa Engineer, Saqib Qadir, Arianna Sidoti, Laurence Sperling, Puja K. Mehta, Arshed Quyyumi, Emory University School of Medicine, Atlanta, GA, USA

419 - Non-Invasive Screening Test For Sarcopenia Is a Useful Predictor of Future Cardiovascular Events in Patients With Chronic Kidney Disease

Shinsuke Hanatani, Masahiro Yamamoto, Toshifumi Ishida, Satoru Yamamura, Yuichi Kimura, Satoshi Araki, Yasuhiro Izumiya, Kenichi Tsujita, Kumamoto University, Kumamoto-Shi, Japan

420 - Carotid Intima-Media Thickness Versus Coronary Artery Calcium Score in Predicting Incident Coronary Heart Disease and Stroke Among African Americans: The Jackson Heart Study
Valery Effoe, Alain Bertoni, Fengxia Yan, Nchang Taka, Obiora Egbuche, Titilope Olanipekun, Demilade Adedinsewo, Ervin Fox, Herman Taylor, Morehouse School of Medicine, Atlanta, GA, USA

421 - Increased Bilateral Carotid Inflammation Is Associated With Increased Cerebrovascular Event Rate

Georgios Benetos, Konstantinos Toutouzas, George Oikonomou, Iosif Koutagiar, Fotini Mitropoulou, Nikolaos Barampoutis, Periklis Davlouros, Andreas Synetos, Elias Siores, Dimitris Tousoulis, First Department of Cardiology, Athens, Greece

422 - Relationship of Breast Artery Calcification to Coronary Artery Stenosis: Is Mammography the New Screening Test For Coronary Artery Stenosis in Women?

Tanuka Datta, Ivan Pena, Ashley Inciardi, Amanda Kappler, Rachel F. Brem, Ramesh Mazhari, Andrew Choi, Brian Choi, Jannet Lewis, George Washington University SMHS, Washington, DC, USA

423 - Association Between Ideal Cardiovascular Health and Markers of Subclinical Atherosclerosis

Daniel Shpilsky, Sebhath Erqou, Claudia Bambs, Kevin Kip, Jared Magnani, Sanjay Patel, Aryan Aiyer, Steven Reis, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

424 - Circulating Monocyte/Macrophage-Derived Extracellular Vesicles Predict Post-Operative Myocardial Infarction

Scott Damrauer, Maggie Schmierer, Annukka Atkins, Alex Fairman, Jinbo Chen, Luis Eraso, Jeffrey Carpenter, Ravi Dhanisetty, Jonni Moore, Wade Rogers, Emile Mohler, University of Pennsylvania, Philadelphia, PA, USA, CytoVas, LLC, Philadelphia, PA, USA

Prevention - Poster Contributions

Session #1261

Prevention: Rehabilitation in the USA and Around the Globe

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

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

425 - Physical Function, Quality of Life, and Depression in Elderly, Hospitalized Patients With Acute Decompensated Heart Failure With Preserved Versus Reduced Ejection Fraction: Analysis From the REHAB-HF Trial

Haider Warrach, Dalane Kitzman, David Whellan, Duncan Pamela, Robert Mentz, Amy Pastva, Ben Nelson, Gordon Reeves, Duke University Medical Center, Durham, NC, USA, Wake Forest Baptist Health, Winston-Salem, NC, USA

426 - Independent Validation of a Cardiorespiratory Fitness Prediction Model

Sergey Kachur, Ross Arena, Rebecca Morera, Alban DeSchutter, Richard Milani, Carl Lavie, John Ochsner Heart and Vascular Institute, New Orleans, LA, USA

427 - Factors Predicting Improvement in Cardiovascular Fitness as Measured by Metabolic Equivalents of Task in Patients Who Completed Phase 2 Cardiac Rehabilitation

Ahmed Abu-Haniyeh, Nishant Shah, Yuping Wu, Leslie Cho, Haitham Ahmed, Cleveland Clinic Foundation, Cleveland, OH, USA

428 - Psychosocial Risk Factors and All-Cause Mortality in Patients With Coronary Artery Disease After Percutaneous Coronary Intervention: A Prospective Study

Vadim A. Kuznetsov, Georgiy Pushkarev, Elena Yaroslavskaya, Ivan Bessonov, Tyumen Cardiology Research Center, Tomsk National Research Medical Center, Tomsk, Russian Federation

429 - Availability and Quality of Cardiac Rehabilitation Around the Globe: Patients Served, Providers, and Core Components

Marta Supervía Pola, Karam Turk-Adawi, Ella Pesah, Francisco Lopez-Jimenez, Ding Rongjing, Raquel Britto, Wayne Derman, Birna Bjarnason-Wehrens, Ana Abreu, Jong Seng Khiong, Karl Andersen, Graciela Gonzalez, Vojislav Giga, Tee Joo Yeo, Dawn Scantlebury, Dusko Vulic, Eleonora Vataman, Lucky Cuenza, Sherry Grace, Mayo Clinic, Rochester, MN, USA, Gregorio Marañon University Hospital, Madrid, Spain

430 - Availability and Characteristics of Cardiac Rehabilitation Programs in China: A Follow-Up National Survey From the National Survey Writing Group of Chinese Society of Cardiac Prevention and Rehabilitation

Rongji Ding, Randal Thomas, Dong Zhao, Sidney Smith, Zhixin Zhang, Lopez-Jimenez Francisco, Ray Squires, Lemin Wang, Dayi Hu, Peking University People's Hospital, Beijing, People's Republic of China, Mayo Clinic Rochester, Rochester, MN, USA

431 - Extended Exercise Cardiac Rehabilitation Improves Medication Adherence Post-MI: The EXTEND Study

Avinash Pandey, Sandee Clarus, Nitesh Choudhry, Cambridge Cardiac Care Center, Cambridge, Canada



433 - Low VO₂ Peak Is Independently Associated With Improvement in Functional Capacity After Cardiac Rehabilitation: Results From a National and Multicenter Study
Luiz Eduardo Fonteles Ritt, Eneas Rocco, Pedro G. M. Barros, Gustavo Feitosa, Alexandre Galvão, Priscila F. da Silva, Gabriel A. de Bastos, Thais Pellegrino, Jessica S. Porto, Gabriela Bastos, Queila Borges, Eduardo Darze, Renato Lopes, Hospital Cardio Pulmonar, Salvador, Brazil, Hospital Total Cor, Sao Paulo, Brazil

434 - Geriatric Impairments Among Older Patients Hospitalized For Acute Heart Failure or Coronary Artery Disease: Insights From the Get Going Trial
 Jonathan Buggy, Ahmad Younes, Parag Goyal, Ariela Orkaby, Robin Brusen, Christine Chung, Karen Alexander, Jonathan Afilalo, Scott L. Hummel, Richard Josephson, University Hospitals Cleveland Medical Center, Cleveland, OH, USA, University of Michigan, Ann Arbor, MI, USA

Prevention - Scientific Session #703
The PCSK9 Inhibitor Era: Making the Jump to Light Speed
Sunday, March 11, 2018, 2:00 p.m. - 3:30 p.m.
Room 308 C
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Vera Bittner
 Co-Chair: Robert S. Rosenson
 Panelist: Brian A. Ference
 Panelist: Pamela Bowe Morris
 Panelist: Carl E. Orringer
 Panelist: Salim S. Virani

2:00 p.m.
 PCSK9 Inhibitors: What Have the Trials Taught Us?
 Carl E. Orringer
 Miami, FL

2:12 p.m.
 Prescribing PCSK9 Inhibitors: Gaps in the Evidence
 Salim S. Virani
 Houston, TX

2:24 p.m.
 PCSK9 Inhibitors: Do They Hit the Sweet Spot?
 Brian A. Ference
 Novi, MI

2:36 p.m.
 Right Patient, Right Drug: What Does the Evidence Tell Us?
 Jennifer Robinson
 Iowa City, IA

2:48 p.m.
 Coming to Consensus: Putting It All Together
 Pamela Bowe Morris
 Mount Pleasant, SC

3:00 p.m.
 Panel Discussion With Audience Question and Answer

Prevention - Moderated Poster Contributions
Session #1272M
Managing and Understanding T2DM: The New Imperative For CV Clinicians
Sunday, March 11, 2018, 3:45 p.m. - 4:30 p.m.
Prevention Moderated Poster Theater, Poster Hall, Hall A/B
CME Hours: /CNE Hours:

ACC Poster Moderator: Prakash C. Deedwania
 ACC Poster Moderator: Jacquelyn Kulinski

3:45 p.m.
 Characterization of the Biological Mechanisms of Empagliflozin Through Large-Scale Proteomics
Ashwin Murthy, Sophie Weiss, Naveed Sattar, Rachel Ostroff, Stephen Williams, Peter Ganz, Ele Ferrannini, University of California, San Francisco, San Francisco, CA, USA, National Research Council, Pisa, Italy

3:55 p.m.
 Question and Answer

4:00 p.m.
 SGLT2 Inhibitors Reduce Major Adverse Cardiovascular Events in Type 2 Diabetic Patients: A Meta-Analysis of Randomized Controlled Trials
Shamna Haris, Sukhchain Singh, Sana Chaudhary, Mahwash Siddiqui, Onyambu Steve Biko, Sarabjeet Singh, Haris Hamsakutty, Sandeep Khosla, Rohit R. Arora, Rosalind Franklin University of Medicine and Sciences, Chicago, IL, USA, Mount Sinai Hospital, Chicago, IL, USA

4:10 p.m.
 Question and Answer

4:15 p.m.
 Eligibility Varies Across the 3 Sodium-Glucose Cotransporter-2 Inhibitor Cardiovascular Outcomes Trials Among Adults With Type 2 Diabetes: Implications From Analysis of the Diabetes Collaborative Registry
Eric Wittbrodt, David Chamberlain, Suzanne Arnold, Fengming Tang, Mikhail Kosiborod, AstraZeneca, Wilmington, DE, USA, St. Luke's Mid-America Heart Institute, Kansas City, MO, USA

4:25 p.m.
 Question and Answer

Prevention - Scientific Session #716
Dying for Your Meal: How Common Dietary Factors Can Influence Mortality in CVD
Sunday, March 11, 2018, 4:45 p.m. - 6:00 p.m.
Room 308 C
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Andrew M. Freeman
 Co-Chair: Puja K. Mehta

4:45 p.m.
 Pre-Questions

4:50 p.m.



Processed Meat/Red Meat
Robert J. Ostfeld
New York, NY

5:00 p.m.
Fruits/Vegetables
Caldwell B. Esselstyn, JR
Pepper Pike, OH

5:10 p.m.
Plant-based Diets: New Insights on Mediterranean and Vegan Diets
Neal Barnard
Washington, DC

5:20 p.m.
Saturated Fat/Omega-3
David Katz
Derby, CT

5:30 p.m.
Whole Grains/Nuts and Seeds
Stephen Devries
Deerfield, IL

5:40 p.m.
Post Answers

5:45 p.m.
Question and Answer

**Prevention - Scientific
Session #717
Managing Complex Dyslipidemias: It's a Team Sport!
Sunday, March 11, 2018, 4:45 p.m. - 6:00 p.m.
Room 307 A
CME Hours: 1.25 /CNE Hours: 1.25**

Co-Chair: David De Padua Brasil
Co-Chair: Neil J. Stone
Panelist: Penny M. Kris-Etherton
Panelist: Jennifer Mieres
Panelist: Vijay Nambi
Panelist: James Underberg

4:45 p.m.
Hypertriglyceridemia and Pancreatitis in a Mexican American Patient
Fatima Rodriguez
Stanford, CA

4:50 p.m.
Panel Discussion with Question and Answer

5:10 p.m.
Premature ASCVD, Low HDL-C, High TG, and Elevated Lp(a) in South Asian Patient
Pratik Sandesara
Atlanta, GA

5:15 p.m.
Panel Discussion with Question and Answer

5:35 p.m.
Severe Hypercholesterolemia in an African American Patient in Rural Community
Jeffrey Yourshaw
Mt Pleasant, SC

5:40 p.m.
Panel Discussion with Question and Answer

**Prevention - Clinical Focus
Session #1604
The New Reality is Here: The Why, Who, and How of Comprehensive Diabetes Care
Sunday, March 11, 2018, 6:00 p.m. - 8:30 p.m.
Room 208 C
CME Hours: /CNE Hours:**

6:00 p.m.
Dinner

Chair: Mikhail Kosiborod

6:30 p.m.
Clinical Facilitator
Michael Nassif
Kansas City, MO

6:30 p.m.
Introduction to Session
Mikhail Kosiborod
Leawood, KS

6:35 p.m.
Why We Are Here: Review of Latest Clinical Trial Data
Benjamin M. Scirica
Boston, MA

6:55 p.m.
Who is Involved: Your Role in Championing Comprehensive Diabetes Care
Laurence Sperling
Atlanta, GA

7:15 p.m.
Panel Discussion: How Diabetes Centers of Excellence Successfully Achieve Comprehensive Care

Panelist: Robert H. Eckel
Panelist: Mikhail Kosiborod
Panelist: Melissa Magwire
Panelist: Laurence Sperling

8:25 p.m.
Concluding Remarks
Mikhail Kosiborod
Leawood, KS



Prevention - Scientific

Session #726

Agree to Disagree: Great Debates in Hypertension

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

Room 311 E

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Keith C. Ferdinand

Co-Chair: Sandra Taler

8:00 a.m.

Pre-Debate Poll

8:02 a.m.

Beyond BP: Optimum HTN Management Includes Biomarker

Assessment (Pro)

Vijay Nambi

Sugar Land, TX

8:12 a.m.

Keep It Simple: Optimum HTN Management Does NOT Require Biomarker Assessment (Con)

Joseph Yeboah

Winston Salem, NC

8:22 a.m.

Post-Debate Poll

8:24 a.m.

Question and Answer

8:30 a.m.

Pre-Debate Poll

8:32 a.m.

Hold the Salt! Optimum Sodium Intake in HTN is <2300 mg/day (Pro)

Robert H. Eckel

Aurora, CO

8:42 a.m.

Pass the Shaker! Optimum Sodium Intake in HTN Need Not Be 2300 Mg/Day (Con)

Martin O'Donnell

Galway, Ireland

8:52 a.m.

Post-Debate Poll

8:54 a.m.

Question and Answer

9:00 a.m.

Pre-Debate Poll

9:02 a.m.

Going Beyond the Cuff: BP Management Should be Guided by ASCVD Risk Assessment

Paul Muntner

Birmingham, AL

9:12 a.m.

It's All in the Cuff: BP Management Should Be Guided by Absolute BP Cutoffs

Suzanne Oparil

Birmingham, AL

9:22 a.m.

Post-Debate Poll

9:24 a.m.

Question and Answer

Prevention - Oral Contributions

Session #911

Highlighted Original Research: Prevention and the Year in Review

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

Room 308 C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Samia Mora

Co-Chair: Eva Prescott

8:00 a.m.

Year in Review Speaker

Vera Bittner

Birmingham, AL

8:12 a.m.

Generalizability of the FOURIER Trial to Routine Clinical Care: Do Trial Participants Represent Patients in Everyday Practice?

Xiaoxi Yao, Bernard Gersh, Francisco Lopez-Jimenez, Nilay Shah, Peter Noseworthy, Mayo Clinic, Rochester, MN, USA

8:22 a.m.

Discussion

8:25 a.m.

Effect of Liraglutide on Cardiovascular Outcomes in Elderly Patients in the LEADER Trial

Matthew Gilbert, Stephen Bain, Edward Franek, Esteban Jodar-Gimeno, Michael Nauck, Richard Pratley, Rosângela Réa, José Saraiva, Søren Rasmussen, Karen Tornøe, Bernt Johan von Scholten, John B. Buse, the LEADER Publication Committee on behalf of the LEADER Trial Investigators, Novo Nordisk A/S, Søborg, Denmark

8:35 a.m.

Discussion

8:38 a.m.

Empagliflozin Reduces Mortality and Hospitalization For Heart Failure in Patients With or Without a History of Myocardial Infarction or Stroke at Baseline

David H. Fitchett, Silvio E. Inzucchi, Steven Sambevski, Stefan Kaspers, Egon Pfarr, Jyothis T. George, Bernard Zinman, St. Michael's Hospital, Toronto, Canada, 3Boehringer Ingelheim Pharma GmbH & Co. KG, Ingelheim, Germany

8:48 a.m.

Discussion

8:51 a.m.



Low HDL-C as a Risk Marker: Analysis From the HPS 3/TIMI 55 REVEAL Trial

Christopher P. Cannon, on behalf of the HPS 3/TIMI 55-REVEAL Collaborative Group, Brigham and Women's Hospital, Boston, MA, USA, University of Oxford, Oxford, United Kingdom

9:01 a.m.
Discussion

9:04 a.m.
The Evaluation and Management of Patients With LDL-C \geq 190 mg/dL in a Large Health Care System

Candace Wu, Zahid Ahmad, Sandeep Das, Amit Khera, University of Texas Southwestern Medical Center, Dallas, TX, USA

9:14 a.m.
Discussion

9:17 a.m.
Changes in Cardiovascular Mortality by State-Level Affordable Care Act Medicaid Expansion Status

Travis Hallett, Thomas Mayrhofer, Udo Hoffmann, Michael T. Lu, Boston University School of Medicine, Boston, MA, USA, Massachusetts General Hospital, Boston, MA, USA

9:27 a.m.
Discussion

Prevention - Poster Contributions

Session #1303

Smells Like We're on to Something: Prevention Potpourri
Monday, March 12, 2018, 9:30 a.m. - 12:30 p.m.

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

401 - An EMR Based Initiative to Decrease Atrial Fibrillation Related Cardio-Embolic Stroke in a Community Health System
Sai Kumar Hanumanthu, Marshall Winner, Richard Steuer, Adam Liette, TriHealth Heart Institute, Cincinnati, OH, USA

402 - Association of Number of Live Births With Electrocardiographic and Cardiac Structural Changes
Elizabeth Harris, Colby Ayers, James de Lemos, Monika Sanghavi, UT Southwestern Medical Center, Dallas, TX, USA

403 - Is Obesity Causally Linked With Cardiovascular Outcomes? A Meta-Analysis of Mendelian Randomization Studies
Haris Riaz, Nishant Shah, Muhammad S. Khan, Amit Goyal, Tariq J. Siddiqi, Haitham Ahmed, Cleveland Clinic, Cleveland, OH, USA

404 - Genetic Variants in FTO and ADIPOQ Gene Associated With Obesity in African American and Hispanic/Latino Population
Denada Palm, Brandon Chalazan, Jalees Rehman, Martha Daviglius, Maria Argos, Dawood Darbar, University of Illinois at Chicago, Chicago, IL, USA

405 - Cholesteryl Ester Transfer Protein Inhibitors in Atherosclerotic Vascular Disease: A Meta-Analysis of Randomized Controlled Trials
Mahesh Anantha Narayanan, Yogesh Reddy, Janani Baskaran, Ganesh Raveendran, University of Minnesota, Minneapolis, MN, USA, Mayo Clinic, Rochester, MN, USA

406 - Low Dose Aspirin For Primary Prevention of Cardiovascular Disease: Use Patterns and Impact Across Race in the Southern Community Cohort Study

Rodrigo Fernandez-Jimenez, Jacqueline Latina, Roger Hajjar, Valentin Fuster, Thomas Wang, William Blot, Icahn School of Medicine at Mount Sinai, New York, NY, USA, Vanderbilt University School of Medicine, Nashville, TN, USA

407 - Familial Combined Hyperlipidemia Is Characterized by Higher Hepatic FDG Uptake and Visceral Adipose Tissue Volume Compared to Heterozygous Familial Hypercholesterolaemia
Georgios Benetos, Konstantinos Toutouzas, Iosif Koutagiar, Ioannis Skoumas, Nikoletta Pianou, Spyros Galanakis, Alexandros Georgakopoulos, Alexios Antonopoulos, Maria Drakopoulou, Evangelos Oikonomou, Pavlos Kafouris, Emmanouil Athanasiadis, Marinos Metaxas, George Spyrou, Zoi Pallantza, Constantina Aggeli, Charalambos Antoniadis, Georgia Keramida, Adrien Peters, Constantinos Anagnostopoulos, Dimitris Tousoulis, First Department of Cardiology, Athens, Greece, Biomedical Research Foundation, Athens, Greece

408 - Association of Rare Functional Variants in Triglyceride Related Genes With Circulating Triglyceride Levels
Harigopal Sandhyavenu, Xiao Fan, Iftikhar Kullo, Mayo Clinic, Rochester, MN, USA

410 - Physiological Outcomes Based on Fruit and Vegetable Consumption of Adolescents
Jacob Conroy, Rachel Krallman, Daniel Montgomery, Jean DuRussel-Weston, Eva M. Kline-Rogers, Kim Eagle, Elizabeth Jackson, University of Michigan Health System, Ann Arbor, MI, USA

411 - Beneficial Effect of Coffee Consumption on Atherosclerosis: The Corinthia Study
Evangelos Oikonomou, George Lazaros, Evangelia Christoforatos, Christos Chasikidis, Sotirios Tsalamandris, George-Angelo Papamikroulis, Georgia Vogiatzi, Athina Goliopoulou, Petros Fountoulakis, Anastasopoulou Giota, Charilila-Loukia Ververeli, Timos Mavratzas, Evgenia Bourouki, Georgia Vavuranaki, Dimitris Tousoulis, First Cardiology Clinic, 'Hippokraton' Hospital, National and Kapodistrian University of Athens, Athens, Greece

412 - Non-Alcoholic Fatty Liver Disease Significantly Predicts Future Decline in Kidney Function in Angiographed Coronary Patients
Christina Lins, Alexander Vonbank, Daniela Zanolin, Andreas Leiherer, Axel Muendlein, Philipp Rein, Heinz Drexel, Christoph Saely, Vorarlberg Institute for Vascular Investigation and Treatment, Feldkirch, Austria, Academic Teaching Hospital, Feldkirch, Austria

413 - Association Between Retinal Vessel Calibers and Long-Term Cardiac Structure and Function: The Atherosclerosis Risk in Communities (ARIC) Study
Alvin Chandra, Sara Seidelmann, Brian Claggett, Ronald Klein, Barbara Klein, Amil Shah, Scott Solomon, Brigham and Women's Hospital, Boston, MA, USA, School of Medicine and Public Health University of Wisconsin, Madison, WI, USA



414 - Clinical Usefulness of PRECISE DAPT Score to Predict Cardiovascular Outcomes in Patients With Atrial Fibrillation Undergoing Percutaneous Coronary Intervention With Stenting
Yusuke Iwasaki, Takahisa Yamada, Takashi Morita, Yoshio Furukawa, Shunsuke Tamaki, Masato Kawasaki, Atsushi Kikuchi, Masahiro Seo, Iyo Ikeda, Eiji Fukuhara, Tsutomu Kawai, Jun Nakamura, Abe Makoto, Masatake Fukunami, Osaka General Medical Center, Osaka, Japan

415 - Initial Stroke Severity Is a Crucial Predictor For Hemorrhagic Stroke- and Ischemic Stroke-Related Mortality
Mark Alberts, Jennifer H. Lin, Yen-Wen Chen, Emily Kogan, Kathryn Twyman, Siddhant Deshmukh, Dejan Milentijevic, Janssen Scientific Affairs, LLC, Raritan, NJ, USA

416 - Severity of Biopsy-Proven NAFLD Not Predictive of Presence or Severity of Coronary Atherosclerosis in Asymptomatic Patients: Results From the Prospective PREVALENCE Study
Dustin Thomas, Kelvin Bush, Ryan Prentice, Bryan Ramsey, Angelo Paredes, James K. Aden, Stephen A. Harrison, Brooke Army Medical Center, San Antonio, TX, USA

417 - Socioeconomic Status and Its Influence on Survival After Acute ST-Segment Myocardial Infarction Treated With Primary Percutaneous Coronary Intervention
Lloyd Steele, James Palmer, Amelia Lloyd, James Fotheringham, Javaid Iqbal, Ever Grech, The South Yorkshire Cardiovascular Centre, Sheffield, United Kingdom, University of Sheffield, Sheffield, United Kingdom

418 - Incidence of Acute Myocardial Infarction and Hurricane Katrina: Four-Fold Increase Eleven Years After the Storm
Bradley Deere, John Moscona, Sudesh Srivastav, Michael Zimmerman, Sonal Mallya, Michael Razavi, Nickolas Scherzer, Jalal Maghfour, Stephen P. Morris, Hassan Baydoun, Anand Irimpen, Tulane University School of Medicine, New Orleans, LA, USA

419 - Cardiovascular Hazards Posed by Insufficient Treatment of Depression Among Patients With Known Cardiovascular Diseases: Insights From a United States Based Retrospective Claims Database Analysis
Sripal Bangalore, Ruchit Shah, Elizabeth Pappadopulos, Chinmay Deshpande, Ahmed Shalbaya, Rita Prieto, Stephens Jennifer, Roger S. McIntyre, New York University School of Medicine, New York, NY, USA, Pharmerit International, Bethesda, MD, USA

420 - Seattle Angina Questionnaire and Prognosis in Coronary Vascular Dysfunction: Results From the Women's Ischemia Syndrome Evaluation-Coronary Vascular Dysfunction (WISE-CVD)
Romana Herscovici, Janet Wei, Chrisandra Shufelt, Puja Mehta, Galen Weins-Cook, Reddy Sailaja Marpuri, Eileen Handberg, Carl Pepine, C. Noel Bairey Merz, Cedars Sinai Medical Center, Los Angeles, CA, USA

421 - Substantial and Rapid Increase in Cardiovascular Risk Burden in an Urban Community-Based Population in China
Xue Qiao Zhao, Xing Wu, Zhexiong Yu, Daniel Isquith, Ning Lu, Fusheng Gu, Hongwei Li, Beijing Capital Medical University,

Beijing, People's Republic of China, University of Washington, Seattle, WA, USA

Prevention - Poster Contributions

Session #1304

Strategies to Improve the Treatment and Control of High Blood Pressure

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

Poster Hall, Hall A/B

CME Hours: /CNE Hours:

422 - Performance Improvement and Outcomes in Hypertension Management Phase II

Ali Rahimi, Elizabeth Leslie, Saawan Mehta, Tina Robinson, Thu Wilkins, Binwei Song, Kaiser Permanente, Atlanta, GA, USA

423 - A Proposal For a New High Risk Threshold Associated With Visit-to-Visit Office Blood Pressure Variability and Its Effect on All-Cause Mortality

Brian Clements, Nathan Allred, Erik Riessen, Benjamin Horne, Raymond McCubrey, Heidi May, J. Muhlestein, Intermountain Medical Center, Salt Lake City, UT, USA

424 - Effect of Antihypertensive Class on Visit-to-Visit Office Blood Pressure Variability and Its Effect on All-Cause Mortality

Brian Clements, Nathan Allred, Erik Riessen, Benjamin Horne, Raymond McCubrey, Heidi May, J. Muhlestein, Intermountain Medical Center, Salt Lake City, UT, USA

425 - Elucidating the Hemodynamic Effects of Yoga Versus Its Constituent Parts: A 3 Month Comparative Study

Ashok Pandey, Cambridge Cardiac Care Center, Cambridge, Canada

426 - A U-Curve Relationship Between Systolic Blood Pressure and All-Cause Death in the Systolic Blood Pressure Intervention Trial (SPRINT)

William J. Kostis, Daniel A. Blickstein, John B. Kostis, Javier Cabrera, Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ, USA

427 - Investigating Intensive Blood Pressure Control: An Individual Patient Data Analysis of Randomized Control Trial Data

Rahul Aggarwal, Nicholas Chiu, Jackson Steinkamp, Boston University, Boston, MA, USA

428 - Intensive Blood Pressure Control and Body Size: Insights From SPRINT

Nicholas Hendren, Dharam Kumbhani, Mark Drazner, Wai Hong Tang, Ian Neeland, Justin Grodin, UT Southwestern Medical Center, Dallas, TX, USA, Cleveland Clinic, Cleveland, OH, USA

429 - Effects of Intensive Blood Pressure Control in Patients With Evident Cardiovascular Disease

Dimitrios Terentes-Printzios, Charalambos Vlachopoulos, Konstantinos Aznaouridis, Nikolaos Ioakeimidis, Panagiotis Xaplanteris, George Lazaros, Dimitris Tousoulis, First Cardiology Department, Hippokraton Hospital, Athens Medical School, Athens, Greece

430 - Possible Optimal Diastolic Blood Pressure For Improvement of Coronary Microvascular Dysfunction in Hypertensive Patients



Lanfeng Du, Dan Li, Jieli Feng, Weihong Li, [Zhaoping Li](#), Emergency Department, Peking University Third Hospital, Beijing, People's Republic of China, Department of Cardiology and Institute of Vascular Medicine, Peking University Third Hospital, Key L, Beijing, People's Republic of China

431 - Effect of Intensive Versus Standard Blood Pressure Treatment According to Baseline Systolic Blood Pressure: A Post Hoc Analysis of SPRINT (Systolic Blood Pressure Intervention Trial) [Xiaodong Zhuang](#), Xiuting Sun, Zhimin Du, Xinxue Liao, Cardiology Department, First Affiliated Hospital of Sun Yat-Sen University, Guangzhou, People's Republic of China, Key Laboratory on Assisted Circulation, Ministry of Health, Guangzhou, People's Republic of China

432 - Effect of Intensive Blood Pressure Treatment According to Baseline Framingham Risk Score: Results From Systolic Blood Pressure Intervention Trial (SPRINT) [Xiaodong Zhuang](#), Xiuting Sun, Huimin Zhou, Yue Guo, Xinxue Liao, Cardiology Department, First Affiliated Hospital of Sun Yat-Sen University, Guangzhou, People's Republic of China, Key Laboratory on Assisted Circulation, Ministry of Health, Guangzhou, People's Republic of China

433 - Masked Hypertension and Cardiovascular Outcomes: An Updated Systematic Review and Meta-Analysis [Arshad Ali Javed](#), Mohan Palla, Luis Afonso, Alexandros Briasoulis, Wayne State University and Detroit Medical Center, Detroit, MI, USA

434 - Relationship Between Health-Related Quality of Life and Blood Pressure Control in Patients With Uncontrolled Hypertension [Chan Joo Lee](#), Woo Jung Park, Jung-Won Suh, Eue-Keun Choi, Dong Woon Jeon, Sang-Wook Lim, Dae-Hweok Kim, Kwang Soo Cha, Bong-Ryeol Lee, Nam-Ho Kim, Dongmin Kim, Jong-Won Ha, Yonsei University College of Medicine, Seoul, South Korea

Prevention - Moderated Poster Contributions
Session #1315M
Physical Activity, Rehabilitation and Education in Prevention of Heart Failure Events
Monday, March 12, 2018, 9:45 a.m. - 10:30 a.m.
Prevention Moderated Poster Theater, Poster Hall, Hall A/B
CME Hours: /CNE Hours:

ACC Poster Moderator: Donna M. Polk
ACC Poster Moderator: Pam Taub

9:45 a.m.
Association of Walking Pace, Walking Frequency and Duration and Joint Effects on the Risk of Heart Failure in Post-Menopausal Women
[Somwail Rasla](#), Xiaochen Lin, Amr El Meligy, Mary B. Roberts, Deepika Laddu, Matthew Allison, Aladdin H. Shadyab, Simin Liu, Lisa W. Martin, JoAnn Manson, Rowan Chlebowski, Gurusher Panjra, Michael J. LaMonte, Charles B. Eaton, Primary Care Center, Brown University, Pawtucket, RI, USA, Warren Alpert School of Medicine, Providence, RI, USA

9:55 a.m.

Question and Answer

10:00 a.m.
Influence of Baseline Physical Activity Level on Clinical Outcomes and Responses to Exercise Training in Patients With Systolic Heart Failure: Insights From HF-ACTION
[Mauro Mediano](#), Lawton Cooper, Steven Keteyian, William Kraus, Robert J. Mentz, Jerome Fleg, Evandro Chagas National Institute of Infectious Disease, Oswaldo Cruz Foundation, Rio de Janeiro, Brazil

10:10 a.m.
Question and Answer

10:15 a.m.
Guideline-Recommended Patient Education Among Outpatients With Heart Failure: Results From the NCDR PINNACLE Registry
[Karl E. Mingos](#), Erica Spatz, Eric Brandt, Yang Song, Gheorghe Doros, Christopher Cannon, Casey Cavanagh, Lindsey Rosman, Jephtha Curtis, Nihar Desai, Yale University School of Medicine, New Haven, CT, USA, Baim Institute for Clinical Research, Boston, MA, USA

10:25 a.m.
Question and Answer

Prevention - International
Session #525
Risk Factors: How They Impact Health Care: International Perspectives from the ACC Mexico Chapter, ACC Dominican Republic Chapter, and American College of Cardiology
Monday, March 12, 2018, 10:45 a.m. - 12:15 p.m.
Room 304 E
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Robert C. Hendel
Co-Chair: Cesar Jose Herrera
Co-Chair: Pedro Iturralde Torres

10:45 a.m.
Introduction to Session
Robert C. Hendel
New Orleans, LA

10:50 a.m.
Results of the Risk Factors Survey in the Dominican Republic
Donaldo Collado
Dominican Republic

11:01 a.m.
CV Risk Factor Profile in Mexican Population
Abel Pavia Lopez
Lerma de Viada, Mexico

11:12 a.m.
The Importance of Health Literacy, Cultural and Linguistic Competency in Improving Outcomes in Cardiovascular Disease
Jennifer Mieres
Lake Success, NY

11:23 a.m.
CV Risk Factors Profile in the Dominican Population



Petronila Martinez Peguero
Santo Domingo, Dominican Republic

11:34 a.m.
Mexican Registries of ACS: RENASICA I-II-III
Armando Garcia Castillo
Monterrey, Mexico

11:45 a.m.
Discussion

**Prevention - Scientific
Session #739**
Great Debates in Preventive Cardiology
Monday, March 12, 2018, 10:45 a.m. - 12:15 p.m.
Room 311 E
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Pamela Bowe Morris
Co-Chair: Kausik Kumar Ray

10:45 a.m.
The Great Cholesterol Debate: It's a Hoax--We've Been Duped
Robert J. DuBroff
Albuquerque, NM

10:55 a.m.
The Great Cholesterol Debate: It's Fact--Follow the Evidence
Brian A. Ference
Novi, MI

11:05 a.m.
Panel Discussion With Audience Question and Answer

11:15 a.m.
Straight Talk About Statin Intolerance: It's a Fact
Paul Thompson
Hartford, CT

11:25 a.m.
Straight Talk About Statin Intolerance: It's Fiction
Jane Margaret Armitage
Oxford, United Kingdom

11:35 a.m.
Question and Answer

11:45 a.m.
Trim the Fat, It's Good for You
Robert H. Eckel
Aurora, CO

11:55 a.m.
The Challenge--What Goes Down Always Comes Up
Sripal Bangalore
New York, NY

12:05 p.m.
Question and Answer

**Prevention - Scientific
Session #740**
**Precision Cardiovascular Disease Prevention: Practical
Strategies to Personalize CVD Prevention**
Monday, March 12, 2018, 10:45 a.m. - 12:15 p.m.
Room 308 C
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Elliott M. Antman
Co-Chair: Seth Shay Martin
Panelist: Rahul Deo
Panelist: Steven R. Steinhubl
Panelist: Marie-Pierre Dube
Panelist: Calum A. MacRae

10:45 a.m.
Go Big or Go Home: Harnessing Genomics and Big Data for
Lifetime Risk Prediction
Vasan S. Ramachandran
Framingham, MA

10:57 a.m.
How Deep is Your Phenotype? Integrating Biomarkers and
Imaging in the Individual
Rahul Deo
San Francisco, CA

11:09 a.m.
Wired for Health: Harnessing Wearables in Personalized
Cardiovascular Prevention
Calum A. MacRae
Boston, MA

11:21 a.m.
From All of Us to Some of Us: Pharmacogenomics and Stratified
Medicine
Marie-Pierre Dube
Quebec, Canada

11:33 a.m.
From All of Us to One of Us: An Update on the US Precision
Medicine Initiative
Steven R. Steinhubl
La Jolla, CA

11:45 a.m.
Panel Discussion With Audience Question and Answer

**Prevention - Scientific
Session #756**
**Eat This, Not That! Reducing CVD Risk With Food and
Nutrition**
Monday, March 12, 2018, 12:30 p.m. - 1:45 p.m.
Room 308 C
CME Hours: 1.25 /CNE Hours: 1.25

Co-Chair: Andrew M. Freeman
Co-Chair: Geeta Sikand
Panelist: Arthur S. Agatston
Panelist: Karen E. Aspry
Panelist: Penny M. Kris-Etherton



Panelist: Kristina Petersen
Panelist: Kim Allan Williams, Sr

12:30 p.m.
Mediterranean, DASH, Healthy US
Penny M. Kris-Etherton
University Park, PA

12:42 p.m.
Vegetarian Diet Patterns and Low Fat Whole Food Plant Based
Kim Allan Williams, SR
Chicago, IL

12:54 p.m.
Low Carb/High Protein and Paleo Diets
Arthur S. Agatston
Miami Beach, FL

1:06 p.m.
Quick Diet Assessment Tools and Behavior Change Techniques
Kristina Petersen
University Park, PA

1:18 p.m.
Patient mHealth Tools, CardioSmart etc, and Experience With
Outpatient Test Kitchens, MD Experiences With In-Patient Diet
Education
Karen E. Aspary
East Greenwich, RI

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

Prevention - Moderated Poster Contributions
Session #1324M
Approaches to Management of Hypertension
Monday, March 12, 2018, 12:30 p.m. - 1:45 p.m.
Prevention Moderated Poster Theater, Poster Hall, Hall A/B
CME Hours: /CNE Hours:

ACC Poster Moderator: Lynne Braun
ACC Poster Moderator: Kenneth A. Jamerson

12:30 p.m.
Brigham Protocol-Based Hypertension Optimization Program (BP-HOP)
Naomi Fisher, Liliana Smolinsky, Jaclyn Pagliaro, Sonali Desai, Lina Matta, Benjamin Scirica, Calum MacRae, Brigham and Women's Hospital, Boston, MA, USA

12:40 p.m.
Question and Answer

12:45 p.m.
Systematic Review and Meta-Analysis of the Effects of Low Sodium Salt Substitutes on Cardiovascular Outcomes
Adrian V. Hernandez, Erin E. Emonds, Brett A. Chen, José Alfredo Zavala Loayza, Vinay Pasupuleti, Yuani M. Roman-Morillo, Antonio Bernabe-Ortiz, J. Jaime Miranda, University of Connecticut, Hartford, CT, USA, Universidad Peruana de Ciencias Aplicadas (UPC), Lima, Peru

12:55 p.m.
Question and Answer

1:00 p.m.
Empagliflozin Improves Blood Pressure as Well as Glycemic Control in African American Patients With Type 2 Diabetes and Hypertension: A 24-Week Randomized Controlled Trial
Keith C. Ferdinand, Jisoo Lee, Leslie Meng, Jyothis George, Afshin Salsali, Leo Seman, Boehringer Ingelheim Pharmaceuticals Inc., Ridgefield, CT, USA

1:10 p.m.
Question and Answer

1:15 p.m.
Management of Resistant Hypertension and Implications of PATHWAY-2 Trial in US Cardiology Practice: Insights From the NCDR PINNACLE Registry
Lauren Thompson, Kevin Kennedy, Thomas M. Maddox, P. Michael Ho, Javier Valle, Amneet Sandhu, Frederick A. Masoudi, Franz Messerli, Stacie L. Daugherty, University of Colorado Denver, Aurora, CO, USA

1:25 p.m.
Question and Answer

1:30 p.m.
Cardiovascular Outcomes With β -Blocker Combination Treatment in Patients With Hypertension: A Large, Retrospective Cohort Study
Brent M. Egan, Jan Basile, Henry Punzi, Sanjida Ali, Qian Li, Mehul Patel, Joel Neutel, Allergan, Plc, Jersey City, NJ, USA

1:40 p.m.
Question and Answer

Prevention - International
Session #528
Cardiovascular Disease Burden, Challenges and Strategies: International Perspectives from the Cardiac Society of Australia and New Zealand, Colombian Society of Cardiology, and American College of Cardiology
Monday, March 12, 2018, 2:00 p.m. - 3:30 p.m.
Room 304 A
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Dipti Itchhaporia
Co-Chair: Leonard Kritharides
Co-Chair: Miguel Urina-Triana

2:00 p.m.
Introduction to Session
Dipti Itchhaporia
Newport Beach, CA

2:05 p.m.
Familial Hypercholesterolemia - Learning From the Registries
Rafael Leonardo Campo Torrenegra
Bogota, Colombia

2:15 p.m.



Atherosclerosis: Current Burden and Challenges in Urban and Rural Australian Settings

Peter Psaltis
Adelaide, Australia

2:25 p.m.
Audience Question and Answer

2:33 p.m.
Heart Failure: Disease Burden and Public Health Approaches
Juan E. Gomez
Cali, Colombia

2:43 p.m.
Heart Failure in Australia - Disease Burden and Public Health Approaches to Prevention and Treatment
Aaron Sverdlov
Eleebana, Australia

2:53 p.m.
Audience Question and Answer

3:01 p.m.
Rheumatic Heart Disease in Colombia
Clara I. Saldarriaga
Medellin, Colombia

3:21 p.m.
Audience Question and Answer

Prevention - Scientific Session #770
Aging Like a Fine Cabernet Sauvignon: Prevention in the Older Adult
Monday, March 12, 2018, 2:00 p.m. - 3:30 p.m.
Room 308 C
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Amit Khera
Co-Chair: Mathew S. Maurer
Panelist: Vera Bittner
Panelist: Debabrata Mukherjee
Panelist: Jorge Plutzky
Panelist: Barbara S. Wiggins

2:00 p.m.
The Lowdown on HTN: Goals of Therapy in the Older Adult
Robert M. Carey
Charlottesville, VA

2:10 p.m.
Is It Ever Too Late: Statin Therapy in the Older Adults
Vera Bittner
Birmingham, AL

2:20 p.m.
Sweet and Low: Diabetes and CVD Risk Reduction in the Older Adult
Jorge Plutzky
Boston, MA

2:30 p.m.

Through Slick and Thin: The Role of Antiplatelet Therapy in the Older Adult

Debabrata Mukherjee
El Paso, TX

2:40 p.m.
Moving Gracefully Into Maturity: The CV Benefits of Exercise in the Older Adult
Richard Josephson
Cleveland, OH

2:50 p.m.
Proceed With Caution: Drug Interactions and Dosing in the Older Adult
Barbara S. Wiggins
Mount Pleasant, SC

3:00 p.m.
Panel Discussion With Audience Question and Answer

Prevention - Scientific Session #771
Thinking Out of the Box: New Targets, New Therapies, and New Approaches in ASCVD Risk Reduction
Monday, March 12, 2018, 2:00 p.m. - 3:30 p.m.
Room 209 B
CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: John J.P. Kastelein
Co-Chair: Michael D. Shapiro
Panelist: Christie M. Ballantyne
Panelist: Christopher P. Cannon
Panelist: Clara Chow
Panelist: Paul M. Ridker
Panelist: Salim S. Virani

2:00 p.m.
Targeting Inflammation for ASCVD Risk Reduction
Paul M. Ridker
Boston, MA

2:12 p.m.
A Treatment Looking for a Cause: The Role of CETP Inhibition in ASCVD Risk Reduction
Christopher P. Cannon
Boston, MA

2:24 p.m.
Beyond LDL: It's Not the Only Tool in the Shed
Christie M. Ballantyne
Houston, TX

2:36 p.m.
Digital and Mobile Health: Coming to an App Store Near You!
Clara Chow
Sydney, Australia

2:48 p.m.
Big Data, Big Info: Informing Clinical Practice in the Management of Dyslipidemia
Salim S. Virani
Houston, TX



3:00 p.m.

Panel Discussion With Audience Question and Answer

Prevention - ACC Section Highlights

Session #1403

Prevention of Cardiovascular Disease

Monday, March 12, 2018, 3:45 p.m. - 5:15 p.m.

Room 308 C

CME Hours: 1.5 /CNE Hours: 1.5

Co-Chair: Pamela Bowe Morris

Co-Chair: Salim S. Virani

3:45 p.m.

Welcome to Participants, Invitation to join the Prevention of CVD Section, and Introduction

3:50 p.m.

Top Three Presentations in **Hypertension** Most Likely to Impact or Change Clinical Practice or Future Research Agendas

Eugene Yang

Bellevue, WA

4:00 p.m.

Summary Presentation Followed by ARS Polling

Pamela Bowe Morris

Mount Pleasant, SC

4:02 p.m.

Top Three Presentations in **Dyslipidemia** Most Likely to Impact or Change Clinical Practice or Future Research Agendas

Michael D. Shapiro

Portland, OR

4:12 p.m.

Summary Presentation Followed by ARS Polling

Pamela Bowe Morris

Mount Pleasant, SC

4:14 p.m.

Top Three Presentations in **Diabetes** Most Likely to Impact or Change Clinical Practice or Future Research Agendas

Laurence Sperling

Atlanta, GA

4:24 p.m.

Summary Presentation Followed by ARS Polling

Pamela Bowe Morris

Mount Pleasant, SC

4:26 p.m.

Top Three Presentations in **Nutrition/Lifestyle Intervention** (CR, Nutrition, Exercise, etc) Most Likely to Impact or Change Clinical Practice or Future Research Agendas

Kim Allan Williams, SR

Chicago, IL

4:36 p.m.

Summary Presentation Followed by ARS Polling

Pamela Bowe Morris

Mount Pleasant, SC

4:38 p.m.

Top Three Presentations in **Innovation/Digital Platforms/mHealth/Precision Medicine** Most Likely to Impact or Change Clinical Practice or Future Research Agendas

Seth Shay Martin

Baltimore, MD

4:48 p.m.

Summary Presentation Followed by ARS Polling

Pamela Bowe Morris

Mount Pleasant, SC

4:50 p.m.

Overall Top Three Presentations Which **Impact Future Research Agendas, Highlight Gaps in Knowledge or Gaps in Care** in Cardiovascular Disease Prevention Covered at the ACC.18

Christie M. Ballantyne

Houston, TX

5:00 p.m.

Summary Presentation Followed by ARS Polling

Pamela Bowe Morris

Mount Pleasant, SC

5:02 p.m.

Audience ARS Question: **Most helpful thing I learned** in Prevention of CVD During ACC.18

Salim S. Virani

Houston, TX

5:07 p.m.

Panel Discussion with Question and Answer