FRAME OF REFERENCE

Paths to Discovery
The Evolution of the Use of β-Blockers to Treat Heart Failure: A Conversation With Finn Waagstein, MD
Finn Waagstein, MD; John D. Rutherford, MB ChB

ORIGINAL RESEARCH ARTICLES

Early Use of N-acetylcysteine With Nitrate Therapy in Patients Undergoing Primary Percutaneous Coronary Intervention for ST-Segment–Elevation Myocardial Infarction Reduces Myocardial Infarct Size (the NACIAM Trial [N-acetylcysteine in Acute Myocardial Infarction])
Sivabaskari Pasupathy, BS, PhD; Rosanna Tavella, BS, PhD; Suchi Grover, MBBS, PhD; Betty Raman, MBBS; Nathan E.K. Procter, BS, PhD; Yang Timothy Du, MBBS; Granadevan Mahadavan, MBBS, PhD; Irena Stafford, BS; Tamila Heresztyn, BS; Andrew Holmes, BS, PhD; Christopher Zeitz, MBBS, PhD; Margaret Antall, MBBS, PhD; Joseph Selvanayagam, MBBS, PhD; John D. Horowitz, MBBS, PhD; John F. Beltrame, BS, BMBS, PhD

Editorial
Combination Therapy to Target Reperfusion Injury After ST-Segment–Elevation Myocardial Infarction: A More Effective Approach to Cardioprotection
Derek J. Hausenloy, MBChB, PhD; Derek M. Yellon, PhD, DSc

Risk for Major Bleeding in Patients Receiving Ticagrelor Compared With Aspirin After Transient Ischemic Attack or Acute Ischemic Stroke in the SOCRATES Study (Acute Stroke or Transient Ischemic Attack Treated With Aspirin or Ticagrelor and Patient Outcomes)
J. Donald Easton, MD; Maria Aunes, MD; Gregory W. Albers, MD; Pierre Amarenco, MD; Sara Bokeland-Singh, MSc; Hans Denison, MD, PhD; Scott R. Evans, PhD; Peter Held, MD, PhD; Marianne Jahreskog, RN; Jenny Jonasson, PhD; Kazuo Minamatsu, MD, PhD; Carlos A. Molina, MD; Yongjun Wang, MD; K.S. Lawrence Wong, MD; S. Claibrane Johnston, MD, PhD; For the SOCRATES Steering Committee and Investigators

Use of a Single Baseline Versus Multiyear 24-Hour Urine Collection for Estimation of Long-Term Sodium Intake and Associated Cardiovascular and Renal Risk
Rik H.G. Olde Engberink, MD; Thomas C. van den Hoek, MD; Nicky D. van Noorden, MD; Bert-Jan H. van den Born, MD, PhD; Hessel Peters-Sengers, MSc; Liffert Vogt, MD, PhD

Transcription Factor RUNX1 Regulates Platelet PCTP (Phosphatidylcholine Transfer Protein): Implications for Cardiovascular Events: Differential Effects of RUNX1 Variants
Guangfen Mao, MD; Natthapol Sangdej, MD, MPH; Deepak Voora, MD; Lawrence E. Goldfinger, PhD; Fabiola E. Del Carpio-Cano, MS; Rachel A. Myers, PhD; A. Koneti Rao, MBBS

Interleukin-10 Inhibits Bone Marrow Fibroblast Progenitor Cell–Mediated Cardiac Fibrosis in Pressure-Overloaded Myocardium
Suresh K. Verma, PhD; Venkata N.S. Garikipati, PhD; Prasanna Krishnamurthy, PhD; Sarah M. Schumacher, PhD; Laurel A. Grisanti, PhD; Maria Cimini, BS; Zhongjian Cheng, PhD; Mohsin Khan, PhD; Yujia Yue, BS; Cindy Benedict, PhD; May M. Truongcao, BS; Joseph E. Rabinowitz, PhD; David A. Goukassian, MD; Douglas Tilley, PhD; Walter J. Koch, PhD; Raj Kishore, PhD

On the Cover: Circulation Doodle
This month’s doodle is in honor of La Rentrée Scolaire [back to school]. For more information about the doodle, go to http://circ.ahajournals.org/content/circulation-cover-doodle.
STATE OF THE ART

Systematic Review
The Effects of Public Access Defibrillation on Survival After Out-of-Hospital Cardiac Arrest: A Systematic Review of Observational Studies
Josefine S. Bækgaard, BSc; Søren Viereck, MD; Thea Palsgaard Møller, MD; Annette Kjær Erbøll, MSc, PhD; Freddy Lippert, MD; Fredrik Folke, MD, PhD

CASES AND TRACES

ECG Challenge
Chronic Myocardial Infarction: Where Is It Located?
Diego Goldwasser, MD; Marcelo V. Elizari, MD; Antonio Bayés de Luna, MD, PhD

CORRESPONDENCE

Research Letter
Effect of Empagliflozin on the Metabolic Signature of Patients With Type 2 Diabetes Mellitus and Cardiovascular Disease
Ben A. Kappel, MD, PhD; Michael Lehrke, MD; Katharina Schütt, MD; Anna Artati, PhD; Jerzy Adamski, PhD; Corinna Lebherz, MD; Nikolaus Marx, MD

Correspondence
Letter by Jiang et al Regarding Article, “Fire Simulation and Cardiovascular Health in Firefighters”
Xiao-Wei Jiang, MD; Cheng-Zhi Yang, MD; Shu-Bin Qiao, MD, PhD

Letter by Jin-Shan and Xue-Bin Regarding Article, “Fire Simulation and Cardiovascular Health in Firefighters”
He Jin-Shan, MD; Li Xue-Bin, MD

Response by Hunter and Mills to Letters Regarding Article, “Fire Simulation and Cardiovascular Health in Firefighters”
Amanda L. Hunter, MBChB; Nicholas L. Mills, MBChB, PhD

CLINICAL STATEMENTS AND GUIDELINES

AHA Scientific Statement
Methodological Standards for Meta-Analyses and Qualitative Systematic Reviews of Cardiac Prevention and Treatment Studies: A Scientific Statement From the American Heart Association
goudham Rao, MD, FAHA, Chair; Francisco Lopez-Jimenez, MD, MSc, FAHA, Vice Chair; Jack Boyd, MD; Frank D’Amico, PhD; Nefertiti H. Durant, MD, MPH; Mark A. Hlatky, MD, FAHA; George Howard, DrPH, FAHA; Katherine Kinley, MD, MS; Christopher Masi, MD, PhD; Tiffany M. Powell-Wiley, MD, MPH, FAHA; Anthony E. Solomonides, DPhil, MMath; Colin P. West, MD, PhD; Jennifer Wessell, PhD; On behalf of the American Heart Association Council on Lifestyle and Cardiometabolic Health; Council on Cardiovascular and Stroke Nursing; Council on Cardiovascular Surgery and Anesthesia; Council on Clinical Cardiology; Council on Functional Genomics and Translational Biology; and Stroke Council
CORRECTIONS

Correction to: Dietary Fats and Cardiovascular Disease: A Presidential Advisory From the American Heart Association e195

Correction to: Heart Disease and Stroke Statistics—2017 Update: A Report From the American Heart Association e196

Correction to: Part 8: Post–Cardiac Arrest Care: 2015 American Heart Association Guidelines Update for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care e197