Clinical Summaries ................................................................. 617

Editorials

Atrial-Level Switch Operation: Lessons Old and New
James S. Tweddell, MD .............................................................. 619

A Not-So-Little Role for Lipoprotein(a) in the Development of Calcific Aortic Valve Disease
Maximillian A. Rogers, PhD; Elena Aikawa, MD, PhD .............................................................. 621

Original Articles

Arrhythmia/Electrophysiology

Apixaban in Comparison With Warfarin in Patients With Atrial Fibrillation and Valvular Heart Disease: Findings From the Apixaban for Reduction in Stroke and Other Thromboembolic Events in Atrial Fibrillation (ARISTOTLE) Trial
Alvaro Avezzù, MD, PhD; Renato D. Lopes, MD, PhD, MHS; Phillip J. Schulte, PhD; Fernando Lanas, MD; Bernard J. Gersh, MB, ChB, DPhil; Michael Hanna, MD; Prem Pais, MD; Cetin Erol, MD; Rafael Díaz, MD; M. Cecilia Bahit, MD; Jozef Bartunek, MD; Raffaele De Caterina, MD, PhD; Shinya Goto, MD, PhD; Witold Rucylko, MD, PhD; Jun Zhu, MD; Christopher B. Granger, MD; John H. Alexander, MD, MHS .............................................................. 624

Congenital Heart Disease

Long-Term Outcome of Mustard/Senning Correction for Transposition of the Great Arteries in Sweden and Denmark
Niels Vejlsstrøm, MD, PhD; Keld Sørensen, MD, DMSc; Eva Mattsson, MD, PhD; Ulf Thilén, MD, PhD; Per Kvidal, MD; Bengt Johansson, MD, PhD; Kasper Iversen, MD, DMSc; Lars Søndergaard, MD, DMSc; Mikael Dellborg, MD; Peter Eriksson, MD .............................................................. 633

Epidemiology and Prevention

Estimated Global, Regional, and National Disease Burdens Related to Sugar-Sweetened Beverage Consumption in 2010
Gitanjali M. Singh, PhD; Renata Micha, PhD; Shahab Khatibzadeh, MD; Stephen Lim, PhD; Majid Ezzati, PhD; Dariush Mozaffarian, MD, DrPH; on behalf of the Global Burden of Diseases Nutrition and Chronic Diseases Expert Group (NutriCoDE) ................................. 639

Patient-Level Discordance in Population Percentiles of the Total Cholesterol to High-Density Lipoprotein Cholesterol Ratio in Comparison With Low-Density Lipoprotein Cholesterol and Non–High-Density Lipoprotein Cholesterol: The Very Large Database of Lipids Study (VLDL-2B)
Mohamed B. Elshazly, MD; Renato Quispe, MD; Erin D. Michos, MD, MHS; Allan D. Sniderman, MD; Peter P. Toth, MD, PhD; Maciej Banach, MD, PhD; Krishnaji R. Kulkarni, PhD; Josef Coresh, MD, PhD; Roger S. Blumenthal, MD; Steven R. Jones, MD; Seth S. Martin, MD, MHS .............................................................. 667
Valvular Heart Disease

Autotaxin Derived From Lipoprotein(a) and Valve Interstitial Cells Promotes Inflammation and Mineralization of the Aortic Valve
Rihab Bouchareb, PhD; Ablajian Mahmut, MD, MSc; Mohamed Jalloul Nsaiibia, MSc; Marie-Chloé Boulanger, PhD; Abdellaziz Dahou, MD, MSc; Jamie-Lee Lépine; Marie-Hélène Laflamme; Fayez Hadji, MSc; Christian Couture, MD, MSc; Sylvain Trahan, MD; Sylvain Pagé, MD; Yohan Bossé, PhD; Philippe Pibarat, PhD; Corey A. Scipione, BSc; Rocco Romagnolo, PhD; Marlys L. Koschinsky, PhD; Benoît J. Arsenault, PhD; André Marette, PhD; Patrick Mathieu, MD

AHA/ADA Scientific Statement

Update on Prevention of Cardiovascular Disease in Adults With Type 2 Diabetes Mellitus in Light of Recent Evidence: A Scientific Statement From the American Heart Association and the American Diabetes Association
Caroline S. Fox, MD, MPH, FAHA, Co-Chair; Sherita Hill Golden, MD, MHS, FAHA, Co-Chair; Cheryl Anderson, PhD, MPH, MS; George A. Bray, MD; Lora E. Burke, PhD, MPH, FAHA; Ian H. de Boer, MD, MS; Prakash Deedwania, MD, FAHA; Robert H. Eckel, MD; Abby G. Ershov, ScD, RD, FAHA; Judith Fradkin, MD; Silvio E. Inzucchi, MD; Mikhail Kosiborod, MD, FAHA; Robert G. Nelson, MD, PhD; Mahesh J. Patil, MD; Michael Pignone, MD, MPH; Laurie Quinn, PhD, RN; Philip R. Schauer, MD; Elizabeth Selvin, PhD, MPH, FAHA; Dorothea K. Vafadis, MS, FAHA; on behalf of the American Heart Association Diabetes Committee of the Council on Lifestyle and Cardiometabolic Health, Council on Clinical Cardiology, Council on Cardiovascular and Stroke Nursing, Council on Cardiovascular Surgery and Anesthesia, Council on Quality of Care and Outcomes Research, and the American Diabetes Association

Cardiovascular Surgery Supplement

Editor’s Note
Marc Ruel, MD, MPH, FRCSC

Clinical Science

Influence of Baseline Characteristics, Operative Conduct, and Postoperative Course on 30-Day Outcomes of Coronary Artery Bypass Grafting Among Patients With Left Ventricular Dysfunction: Results From the Surgical Treatment for Ischemic Heart Failure (STICH) Trial
Krzysztof Wrobel, MD, PhD; Susanna R. Stevens, MS; Robert H. Jones, MD; Craig H. Selzman, MD; Andre Lamy, MD, MHS; Thomas M. Beaver, MD; Ljubomir T. Djokovic, MD; Nan Wang, MD; Eric J. Velazquez, MD; George Sopko, MD, MPH; Irving L. Kron, MD; J. Michael DiMaio, MD; Robert E. Michler, MD; Kerry L. Lee, PhD; Michael Yi, MS, MB; Chua Yeow Leng, MBBS; Marian Zembala, MD, PhD; Jean L. Rouleau, MD; Richard C. Daly, MD; Hussein R. Al-Khalidi, PhD

Does Timing of Coronary Artery Bypass Surgery Affect Early and Long-Term Outcomes in Patients With Non–ST-Segment–Elevation Myocardial Infarction?
Piroze M. Davierwala, MD; Alexander Verevkin, MD; Sergey Leontyev, MD, PhD; Martin Misfeld, MD, PhD; Michael A. Borger, MD, PhD; Friedrich W. Mohr, MD, PhD

Clinical Impact of Changes in Left Ventricular Function After Aortic Valve Replacement: Analysis From 3112 Patients
Dai Une, MD; Laura Mesana, MSc; Vincent Chan, MD, MPH; Michelle Maklin; Ryan Chan, BSc; Roy G. Masters, MD; Thierry G. Mesana, MD, PhD; Marc Ruel, MD, MPH

Outcomes of Patients With Acute Type B (DeBakey III) Aortic Dissection: A 13-Year, Single-Center Experience
Rana O. Affi, MD; Harleen K. Sandhu, MD, MPH; Samuel S. Leake, BS; Mina L. Boutrous, MD; Varsha Kumar III, MS; Ali Azizzadeh, MD, FACS; Kristofer M. Charlton-Ouw, MD, FACS; Naveed U. Saqib, MD, FACS; Tom C. Nguyen, MD; Charles C. Miller III, PhD; Hazim J. Safi, MD, FACS; Anthony L. Estrera, MD, FACS

Risk Factors for Abnormal Developmental Trajectories in Young Children With Congenital Heart Disease
Kathleen A. Mussatto, PhD, RN; Raymond Hoffmann, PhD; George Hoffman, MD; James S. Tweddell, MD; Laurel Bear, MD; Yumei Cao, PhD; Jena Tanem, MSN, APNP; Cheryl Brosig, PhD
Basic Science

Microfluidic Single-Cell Analysis of Transplanted Human Induced Pluripotent Stem Cell–Derived Cardiomyocytes After Acute Myocardial Infarction
Sang-Ging Ong, PhD; Bruno C. Huber, MD; Won Hee Lee, PhD; Kazuki Kodo, MD, PhD; Antje D. Ebert, PhD; Yu Ma, PhD; Patricia K. Nguyen, MD; Sebastian Diecke, PhD; Wen-Yi Chen, PhD; Joseph C. Wu, MD, PhD

A Conductive Polymer Hydrogel Supports Cell Electrical Signaling and Improves Cardiac Function After Implantation into Myocardial Infarct
Anton Mihic, MSc; Zhi Cui, MSc; Jun Wu, MD; Goran Vlacic, BASc; Yasuo Miyagi, MD; Shu-Hong Li, MSc; Sun Lu, MD; Hsing-Wen Sung, PhD; Richard D. Weisel, MD; Ren-Ke Li, MD, PhD

Corrections

- e129