

CONTENTS

THE AMERICAN JOURNAL OF CARDIOLOGY®
VOL. 109, NO. 9 MAY 1, 2012

Coronary Artery Disease

Comparison of Lipid-Modifying Efficacy of Rosuvastatin Versus Atorvastatin in Patients With Acute Coronary Syndrome (from the LUNAR Study) 1239

Bertram Pitt, Joseph Loscalzo, John Monyak, Elinor Miller, and Joel Raichlen

Comparison of Arterial Remodeling and Changes in Plaque Composition Between Patients With Progression Versus Regression of Coronary Atherosclerosis During Statin Therapy (from the TRUTH Study) 1247

Tsuyoshi Nozue, Shingo Yamamoto, Shinichi Tohyama, Kazuki Fukui, Shigeo Umezawa, Yuko Onishi, Tomoyuki Kunishima, Akira Sato, Toshihiro Nozato, Shogo Miyake, Youichi Takeyama, Yoshihiro Morino, Takao Yamauchi, Toshiya Muramatsu, Kiyoshi Hibi, Mitsuyasu Terashima, and Ichiro Michishita, for the TRUTH Investigators

Utility of Pulmonary Hypertension for the Prediction of Heart Failure Following Acute Myocardial Infarction 1254

Diab Mutlak, Jonathan Lessick, Shemy Carasso, Michael Kapeliovich, Robert Dragu, Haim Hammerman, Yoram Agmon, and Doron Aronson

Prognostic Value of Uric Acid in Patients With Acute Coronary Syndromes 1260

Gjin Ndrepepa, Siegmund Braun, Hans-Ullrich Haase, Stefanie Schulz, Sabine Ranftl, Martin Hadamitzky, Julinda Mehilli, Albert Schömig, and Adnan Kastrati

Effects of Depression and Anxiety Improvement on Adherence to Medication and Health Behaviors in Recently Hospitalized Cardiac Patients 1266

Leah K. Bauer, Mario A. Caro, Scott R. Beach, Carol A. Mastromauro, Emma Lenihan, James L. Januzzi, and Jeff C. Huffman

Comparison of Clinical Characteristics and Long-Term Outcomes of Patients With Ischemic Cardiomyopathy With Versus Without Angina Pectoris (from the Duke Databank for Cardiovascular Disease) 1272

Robert J. Mentz, Mona Fiuzat, Linda K. Shaw, Harry R. Phillips, Salvador Borges-Neto, G. Michael Felker, and Christopher M. O'Connor

Electrocardiographic Predictors of Out-of-Hospital Sudden Cardiac Arrest in Patients With Coronary Artery Disease 1278

Miguel E. Lemmert, Jacqueline J.M. de Vreede-Swagemakers, Luc W.M. Eurlings, Luc Kalb, Harry J.G.M. Crijns, Hein J.J. Wellens, and Anton P.M. Gorgels

Relation of Diagonal Ear Lobe Crease to the Presence, Extent, and Severity of Coronary Artery Disease Determined by Coronary Computed Tomography Angiography 1283

Haim Shmilovich, Victor Y. Cheng, Ronak Rajani, Damini Dey, Balaji K. Tamarappoo, Ryo Nakazato, Thomas W. Smith, Yuka Otaki, Rine Nakanishi, Heidi Gransar, William Paz, Raymond T. Pimentel, Sean W. Hayes, John D. Friedman, Louise E.J. Thomson, and Daniel S. Berman

Safety and Efficacy of the XIENCE V Everolimus-Eluting Stent Compared to First-Generation Drug-Eluting Stents in Contemporary Clinical Practice 1288

Ron Waksman, Israel M. Barbash, Danny Dvir, Rebecca Torguson, Itsik Ben-Dor, Gabriel Maluenda, Zhenyi Xue, Lowell F. Satler, William O. Suddath, Kenneth M. Kent, and Augusto D. Pichard

Preventive Cardiology

Epicardial Fat, Cardiac Dimensions, and Low-Grade Inflammation in Young Adult Monozygotic Twins Discordant for Obesity 1295

Marit Granér, Anneli Seppälä-Lindroos, Aila Rissanen, Antti Hakkarainen, Nina Lundbom, Jaakko Kaprio, Markku S. Nieminen, and Kirsi H. Pietiläinen

THE AMERICAN JOURNAL OF CARDIOLOGY® (ISSN 0002-9149) is published semi-monthly by Elsevier Inc, (360 Park Avenue South New York, NY 10010-1710). Further information on this journal is available from the Publisher or from the Elsevier Customer Service Department nearest you or from this journal's website (<http://www.ajconline.org>). Information on other Elsevier products is available through Elsevier's website (<http://www.elsevier.com>). Periodicals Postage Paid at New York, NY, and at additional mailing offices.

POSTMASTER: Send change of address to *THE AMERICAN JOURNAL OF CARDIOLOGY*, Elsevier Customer Service Department, 3251 Riverport Lane, Maryland Heights, MO 63043, USA.

Arrhythmias and Conduction Disturbances

- Brain Natriuretic Peptide Levels as a Predictor for New Atrial Fibrillation During Hospitalization in Patients With Acute Ischemic Stroke** 1303
Kensaku Shibazaki, Kazumi Kimura, Shuichi Fujii, Kenichiro Sakai, and Yasuyuki Iguchi

Systemic Hypertension

- Cardio-Cerebrovascular Protective Effects of Valsartan in High-Risk Hypertensive Patients With Coronary Artery Disease (from the Kyoto Heart Study)** 1308
Jun Shiraishi, Takahisa Sawada, Masahiro Koide, Hiroyuki Yamada, and Hiroaki Matsubara, for the Kyoto Heart Study Group

Heart Failure

- Predicting Outcome in Patients With Left Ventricular Systolic Chronic Heart Failure Using a Nutritional Risk Index** 1315
Yahya Al-Najjar and Andrew L. Clark

Valvular Heart Disease

- Relation of Mitral Valve Prolapse to Basal Left Ventricular Hypertrophy as Determined by Cardiac Magnetic Resonance Imaging** 1321
Mohammad Imran Zia, Valentina Valenti, Caroline Cherston, Maressa Criscito, Seth Uretsky, and Steven Wolff

- Markov Model for Selection of Aortic Valve Replacement Versus Transcatheter Aortic Valve Implantation (Without Replacement) in High-Risk Patients** 1326
Hemal Gada, Samir R. Kapadia, E. Murat Tuzcu, Lars G. Svensson, and Thomas H. Marwick

- Effect of Coronary Bypass and Valve Structure on Outcome in Isolated Valve Replacement for Aortic Stenosis** 1334
William Clifford Roberts, Carey Camille Roberts, Travis James Vowels, Jong Mi Ko, Giovanni Filardo, Baron Lloyd Hamman, Gregory John Matter, Albert Carl Henry III, and Robert Frederick Hebel, Jr.

Cardiomyopathy

- Hypertrophic Cardiomyopathy With Longevity to 90 Years or Older** 1341
Barry J. Maron, Susan A. Casey, Tammy S. Haas, Carrie L. Kitner, Ross F. Garberich, and John R. Lesser

Congenital Heart Disease

- Long-Term (5- to 20-Year) Outcomes After Transcatheter or Surgical Treatment of Hemodynamically Significant Isolated Secundum Atrial Septal Defect** 1348
Shelby Kutty, Anas Abu Hazeem, Kimberly Brown, Christopher J. Danford, Sarah E. Worley, Jeffrey W. Delaney, David A. Danford, and Larry A. Latson

Miscellaneous

- Hemodynamic Characteristics and Predictors of Pulmonary Hypertension in Patients With Sickle Cell Disease** 1353
Melissa C. Caughey, Alan L. Hinderliter, Susan K. Jones, Sanjeev P. Shah, and Kenneth I. Ataga

- Ventricular Structure and Function in Children With Sickle Cell Disease Using Conventional and Tissue Doppler Echocardiography** 1358
Ahmad Charaf Eddine, Ofelia Alvarez, Steven E. Lipshultz, Richard Kardon, Kristopher Arheart, and Sethuraman Swaminathan

- N-Terminal Pro-Brain Natriuretic Peptide and Angiotensin-Converting Enzyme-2 Levels and Their Association With Postoperative Cardiac Complications After Emergency Orthopedic Surgery** 1365
Carol P. Chong, Wen Kwang Lim, Elena Velkoska, William J. van Gaal, Julie E. Ryan, Judy Savige, and Louise M. Burrell

- Clinical Significance of Cardiomegaly Caused by Cardiac Adiposity** 1374
Nevin C. Baker, Chafik Assal, and Jamshid Shirani

Methods

- Interchangeability of Activated Clotting Time Values Across Different Point-of-Care Systems** 1379
Thenappan Thenappan, Rajiv Swamy, Atman Shah, Sandeep Nathan, Jearlyn Nichols, Linda Bond, and Neeraj Jolly

Readers' Comments

- Methotrexate and Risk of Cardiovascular Disease** 1383

**Deactivation of Implantable
Cardioverter–Defibrillators in Terminal Illness and
End-of-Life Care 1384**

**Effect of Timing of Chronic Preoperative Aspirin
Discontinuation on Morbidity and Mortality in
Patients Having Combined Coronary Artery Bypass
Grafting and Valve Surgery 1384**

Instructions to Authors can be found at the AJC
website: www.AJConline.org

Classifieds on page A17

Full Text: www.ajconline.org