

Coronary Artery Disease

Implementation of a Comprehensive ST-Elevation Myocardial Infarction Protocol Improves Mortality Among Patients With ST-Elevation Myocardial Infarction and Cardiogenic Shock 1

Anirudh Kumar, Chetan P. Huded, Leon Zhou, Chayakrit Krittanawong, Laura D. Young, Amar Krishnaswamy, Venu Menon, A. Michael Lincoff, Stephen G. Ellis, Grant W. Reed, Samir R. Kapadia and Umesh N. Khot

Usefulness of High Sensitivity Troponin T to Predict Long-Term Left Ventricular Dysfunction After ST-Elevation Myocardial Infarction 8

Moman A. Mohammad, Sasha Koul, Jacob Thomsen Lønborg, Lars Nepper-Christensen, Dan E. Høfsten, Kiril A. Ahtarovski, Lia E. Bang, Steffen Helqvist, Kasper Kyhl, Lars Køber, Henning Kelbæk, Niels Vejstrup, Lene Holmvang, Mikkel Malby Schoos, Christoffer Göransson, Thomas Engstrøm and David Erlinge

Comparative Assessments of Left and Right Ventricular Function by Two-Dimensional, Contrast Enhanced and Three-Dimensional Echocardiography with Gated Heart Pool Scans in Patients Following Myocardial Infarction 14

Dinesh Selvakumar, Paula Brown, Paul Geenty, Robert Barnett, Catherine AB Saunders, Mikhail Altman and Liza Thomas

Admissions Rate and Timing of Revascularization in the United States in Patients With Non-ST-Elevation Myocardial Infarction 24

Brian C. Case, Charan Yerasi, Yanying Wang, Brian J. Forrestal, Joshua Hahm, Sarahfaye Dolman, William S. Weintraub and Ron Waksman

Trends in Utilization and Safety of In-Hospital Coronary Artery Bypass Grafting During a Non-ST-Segment Elevation Myocardial Infarction 32

Gabby Elbaz-Greener, Guy Rozen, Fabio Kusnec, Ibrahim Marai, Diab Ghanim, Shemy Carasso, Yulia Gavrilov, Maneesh Sud, Bradley Strauss, Dennis T. Ko, Harindra C. Wijeyesundera, David Planer and Offer Amir

Predictors and In-Hospital Outcomes Among Patients Using a Single Versus Bilateral Mammary Arteries in Coronary Artery Bypass Grafting 41

Sohail Sareh, Joseph Hadaya, Yas Sanaiha, Esteban Aguayo, Vishal Dobarra, Richard J. Shemin, Bassam Omari and Peyman Benharash

Relation of Low-Density Lipoprotein Cholesterol Level to Plaque Rupture 48

Osamu Kurihara, Hyung Oh Kim, Michele Russo, Makoto Araki, Akihiro Nakajima, Hang Lee, Masamichi Takano, Kyoichi Mizuno and Ik-Kyung Jang

Incidence and Impact of Thrombocytopenia in Patients Undergoing Percutaneous Coronary Intervention With Drug-Eluting Stents 55

Sangwoo Park, Jung-Min Ahn, Tae Oh Kim, Hanbit Park, Sang-Cheol Cho, Do-Yoon Kang, Pil Hyung Lee, Duk-Woo Park and Seung-Jung Park, for the IRIS-DES Registry Investigators

Preventive Cardiology

REDUCE-IT Eligibility and Preventable Cardiovascular Events in the US Population (from the National Health and Nutrition Examination Survey [NHANES]) 62

Nathan D. Wong, Wenjun Fan, Sephy Philip, Craig Granowitz and Peter P. Toth

Meta-Analysis of Inclisiran for the Treatment of Hypercholesterolemia 69

Sajjad A. Khan, Arshi Naz, Muhammad Qamar Masood and Rahman Shah

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 address changes to Elsevier, Journal Returns, 1799 Highway 50 East, Linn, MO 65051.

Arrhythmias and Conduction Disturbances

Cardiovascular Events and Mortality in Patients With Atrial Fibrillation and Anemia (from the Fushimi AF Registry) 74

Yoshimori An, Hisashi Ogawa, Masahiro Esato, Mitsuru Ishii, Moritake Iguchi, Nobutoyo Masunaga, Akiko Fujino, Yuya Ide, Yasuhiro Hamatani, Kosuke Doi, Syuhei Ikeda, Kenjiro Ishigami, Hikari Tsuji, Hiromichi Wada, Koji Hasegawa, Mitsuru Abe, Gregory Y. H Lip and Masaharu Akao, on Behalf of the Fushimi AF Registry Investigators

Safety and Efficacy of Single Versus Dual Antiplatelet Therapy After Left Atrial Appendage Occlusion..... 83

Giuseppe Patti, Alessandro Sticchi, Giuseppe Verolino, Vincenzo Pasceri, Vincenzo Vizzi, Elvis Brscic, Gavino Casu, Paolo Golino, Vincenzo Russo, Antonio Rapacciuolo, Giacomo Boccuzzi, Antonio Mangieri, Paolo Antonio Pagnotta and Antonio Colombo, A list of study collaborators can be found in the Appendix

Heart Failure

Location of the Cannula of the Left Ventricular Assist Device in Implanted Hearts After Orthotopic Heart Transplantation 91

Nuvaira Ather and William C. Roberts

Valvular Heart Disease

Effect of Progression of Valvular Calcification on Left Ventricular Structure and Frequency of Incident Heart Failure (from the Multiethnic Study of Atherosclerosis) 99

Oluwaseun E. Fashanu, Sireesha Upadhrasta, Di Zhao, Matthew J. Budoff, Ambarish Pandey, Joao A.C. Lima and Erin D. Michos

Balloon Filling Algorithm for Optimal Size of Balloon Expandable Prosthesis During Transcatheter Aortic Valve Replacement..... 108

Gerhard Schymik, Milos Radakovic, Peter Bramlage, Claus Schmitt and Panagiotis Tzamalís

Comparison of the Usefulness of Strain Imaging by Echocardiography Versus Computed Tomography to Detect Right Ventricular Systolic Dysfunction in Patients With Significant Secondary Tricuspid Regurgitation 116

Kensuke Hirasawa, Philippe J. van Rosendael, Marlieke F. Dietz, Nina Ajmone Marsan, Victoria Delgado and Jeroen J Bax

Cardiomyopathy

Utility of Cardiac Magnetic Resonance Imaging Versus Cardiac Positron Emission Tomography for Risk Stratification for Ventricular Arrhythmias in Patients With Cardiac Sarcoidosis 123

Zain Gowani, Mohammadali Habibi, David R. Okada, John Smith, Arsalan Derakhshan, Stefan L. Zimmerman, Satish Misra, Nisha A. Gilotra, Ronald D. Berger, Hugh Calkins, Harikrishna Tandri and Jonathan Chrispin

Miscellaneous

Influence of Body Weight and Diabetes Mellitus in Patients With Pulmonary Hypertension..... 130

Aaron W. Trammell, Anna R. Hemnes, Victor Tseng, Amit J. Shah, Lawrence S. Phillips and Charles Michael Hart

Relation of QRS Voltage and Prolonged QTc Interval to One-Year Mortality..... 138

Søren Bie Bøgh, John Kelleth, Ulf Ekelund and Mikkel Brabrand

Editorials

Improving Case Presentations 143

William C. Roberts and Charles S. Roberts

The Importance of a Patron 145

Robert M. Doroghazi

Readers' Comments

Racial and Geographic Disparities in Internet Use in the United States Among Patients with Atherosclerotic Cardiovascular Disease 146

Mahmoud Al Rifai, Michael D. Shapiro, Saleem Sayani, Martha Gulati, Glenn Levine, Fatima Rodriguez, Dhruv Mahtha, Amit Khera, Laura A. Petersen and Salim S. Virani

Multiarterial Versus Single-Arterial Grafting 147

Khalid Chngal, Saqib Masroor, Salik Nazir, Sadik Khuder and Ehab Eltahawy

Extensive Arterial Thrombosis in Covid-19 148

Lauren E. Merz, Lauren Sinnenberg, Marie D. Gerhard-Herman and Muthiah Vaduganathan

Meta-analysis Assessing the Effect of Sodium-Glucose Co-transporter-2 Inhibitors on Left Ventricular Mass in Patients With Type 2 Diabetes Mellitus 149

Dimitrios Patoulias, Christodoulos Papadopoulos, Alexandra Katsimardou, Maria-Styliani Kalogirou and Michael Doumas

COVID-19 and the Prehospital Incidence of Acute Cardiovascular Events (from the Nationwide US EMS) 152

Aditya C. Shekhar, Atim Effiong, Keith J. Ruskin, Ira Blumen, N. Clay Mann and Jagat Narula

Meta-analysis of Effect of Statins in Patients with COVID-19..... 153

Chia Siang Kow and Syed Shahzad Hasan

The Effect of Anticoagulation Use on Mortality in COVID-19 Infection..... 155

Husam M. Salah, Jwan A. Naser, Giuseppe Calcaterra, Pier Paolo Bassareo and Jawahar L. Mehta

Primary Percutaneous Coronary Intervention or Fibrinolytic Therapy in COVID 19 Patients Presenting With ST-Segment Elevation Myocardial Infarction 158

Deepthi Sudhakar, Hani Jneid, Nasser Lakkis and Waleed T. Kayani

Association of Body Mass Index With Outcomes in Patients Undergoing Transcatheter Mitral Valve Repair 158

Salik Nazir, Keerat Rai Ahuja, Michael Macciocca, Khalid Changal, Carson Oostra, Muhammad Asif Mangi, Muhammad Mahmood, Asad Inayat, Eric E. Elgin and Ehab Eltahawy

Network Meta-Analysis Comparing Apixaban Versus Rivaroxaban in Morbidly Obese Patients With Atrial Fibrillation 160

Kazuhiko Kido, Mikiko Shimizu, Tsuyoshi Shiga and Masayuki Hashiguchi

Corrigendum

Corrigendum to “Meta-Analysis Comparing Outcomes of Therapies for Patients with Central Sleep Apnea and Heart Failure With Reduced Ejection Fraction” 162

Jeffrey Voigt, Sitaramesh Emani, Sanjaya Gupta, Robin Germany and Rami Khayat

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

Full Text: www.ajconline.org