

Coronary Artery Disease

Prevalence and Determinants of Atrial Fibrillation-Associated In-Hospital Ischemic Stroke in Patients With Acute Myocardial Infarction Undergoing Percutaneous Coronary Intervention..... 1

Shivaraj Patil, Karthik Gonuguntla, Chaitanya Rojulpote, Manish Kumar, Srinivas Nadadur, Robert J. Nardino and Christopher Pickett

Comparison of Characteristics and Outcomes of Patients With Acute Myocardial Infarction With Versus Without Coronarvirus-19 8

Brian C. Case, Charan Yerasi, Brian J. Forrestal, Corey Shea, Hank Rappaport, Giorgio A. Medranda, Cheng Zhang, Lowell F. Satler, Itsik Ben-Dor, Hayder Hashim, Toby Rogers and Ron Waksman

Incidence, Predictors, and Outcome of In-Hospital Bleeding in Patients With Cardiogenic Shock Complicating Acute Myocardial Infarction 13

Hanna Ratcovich, Jakob Josiassen, Ole K.L. Helgestad, Louise Linde, Golnaz Sadjadieh, Thomas Engstrøm, Lisette O. Jensen, Hanne B. Ravn, Henrik Schmidt, Christian Hassager, Jacob E. Møller and Lene Holmvang

Comparison of Outcomes Among Patients With Cardiogenic Shock Admitted on Weekends Versus Weekdays 20

Ahmed A. Harhash, Kevin F. Kennedy, Timothy J. Fendler, Taiyeb M. Khumri, Michael E. Nassif, Anthony Magalski and Brett W. Sperry

Effectiveness and Safety of Extracorporeal Shockwave Myocardial Revascularization in Patients With Refractory Angina Pectoris and Heart Failure 26

Carlos Martínez-Sánchez, Francisco Azar-Manzur, Héctor González-Pacheco, Luis M Amezcua-Guerra, Felipe Massó, Ricardo Márquez-Velasco, Rafael Bojalil, Isabel Carvajal-Juárez, Erick Alexanderson-Rosas, Salvador Hernández, Araceli Paez-Arenas, Enrique López-Mora, Alejandra Venegas-Román, Malinalli Brianza-Padilla, Rodrigo Gopar-Nieto and Julio Sandoval

Rate of Incomplete Revascularization Following Coronary Artery Bypass Grafting at a Single Institution Between 2007 and 2017 33

Chase R. Soukup, Christian W. Schmidt, Carmen Chan-Tram, Ross F. Garberich, Benjamin C. Sun and Jay H. Traverse

Prognostic Value and Interplay Between Myocardial Tissue Velocities in Patients Undergoing Coronary Artery Bypass Grafting 37

Flemming Javier Olsen, Søren Lindberg, Thomas Fritz-Hansen, Daniel Modin, Sune Pedersen, Allan Iversen, Søren Galatius, Gunnar Gislason, Rasmus Møgelvang and Tor Biering-Sørensen

Trends, Outcomes, and Predictive Score For Emergency Coronary Artery Bypass Graft Surgery After Elective Percutaneous Coronary Intervention (from a Nationwide Dataset) 46

Samir B. Pancholy, Gaurav A. Patel, Neil R. Patel, Dhara D. Patel, Purveshkumar Patel, Stuti M. Pandya, Anshul A. Verma, Sanjay C. Shah, Mamas A. Mamas and Tejas M. Patel

Arrhythmias and Conduction Disturbances

Inappropriate Dosing of Direct Oral Anticoagulants in Patients with Atrial Fibrillation 52

Alan Sugrue, David Sanborn, Mustapha Amin, Medhat Farwati, Haarini Sridhar, Azza Ahmed, Ramila Mehta, Konstantinos C. Siontis, Siva K. Mulpuru, Abhishek J. Deshmukh, Bernard J. Gersh, Samuel J Asirvatham and Malini Madhavan

Impact of Baseline Right Bundle Branch Block on Outcomes After Pulmonary Vein Isolation in Patients With Atrial Fibrillation 60

Masamichi Yano, Yasuyuki Egami, Kohei Ukita, Akito Kawamura, Hitoshi Nakamura, Yutaka Matsuhiro, Koji Yasumoto, Masaki Tsuda, Naotaka Okamoto, Akihiro Tanaka, Yasuharu Matsunaga-Lee, Ryu Shutta, Masami Nishino and Jun Tanouchi

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.

Usefulness of Post-Procedural Plasma Brain Natriuretic Peptide Levels to Predict Recurrence After Catheter Ablation of Atrial Fibrillation in Patients With Left Ventricular Systolic Dysfunction 67
 Masato Okada, Nobuaki Tanaka, Koji Tanaka, Yuko Hirao, Issei Yoshimoto, Shinichi Harada, Toshinari Onishi, Yasushi Koyama, Atsunori Okamura, Katsuomi Iwakura, Kenshi Fujii, Yasushi Sakata and Koichi Inoue

A Head-to-Head Comparison of Machine Learning Algorithms for Identification of Implanted Cardiac Devices 77
 Jay J. Chudow, Davis Jones, Michael Weinreich, Lynn Zaremski, Suegene Lee, Brian Weinreich, Andrew Krumerman, John D. Fisher and Kevin J. Ferrick

Valvular Heart Disease

Short-Term Outcomes of Transcatheter Aortic Valve Implantation Versus Surgical Aortic Valve Replacement in Kidney Transplant Recipients (from the US Nationwide Representative Study) 83
 Omar M. Abdelfattah, Anas M. Saad, Abdelrahman Abushouk, Mohamed Hassanein, Toshiaki Isogai, Mohamed M. Gad, Keerat Rai Ahuja, James Yun, Amar Krishnaswamy and Samir Kapadia

Assessing the Best Prognostic Score for Transcatheter Aortic Valve Implantation (from the RISPEVA Registry) 91
 Martino Pepe, Nicola Corcione, Anna Sonia Petronio, Sergio Berti, Alessandro Iadanza, Alberto Morello, Palma Luisa Nestola, Gianluigi Napoli, Paolo Ferraro, Michele Cimmino, Antonio L. Bartorelli, Francesco Bedogni, Giulio G. Stefanini, Carlo Trani, Marcello De Giosa, Giuseppe Biondi-Zoccai and Arturo Giordano

Transcatheter Aortic Valve Implantation in Patients With Severe Aortic Stenosis Hospitalized With Acute Heart Failure..... 100
 Danon Kaewkes, Tomoki Ochiai, Nir Flint, Vivek Patel, Jigar Patel, Isic Kim, Yusuke Enta, Jubin Joseph, Sung-Han Yoon, Tarun Chakravarty, Mamoo Nakamura, Wen Cheng and Raj Makkar

Effect of Losartan or Atenolol on Children and Young Adults With Bicuspid Aortic Valve and Dilated Aorta..... 111
 Jonathan N. Flyer, Lynn A. Sleeper, Steven D. Colan, Michael N. Singh and Ronald V. Lacro

Transcatheter Aortic Valve Implantation for Failed Surgical Aortic Bioprostheses Using a Self-Expanding Device (from the Prospective VIVA Post Market Study) 118
 Ran Kornowski, Bernard Chevalier, Jean-Philippe Verhoye, David Holzhey, Axel Harnath, Ulrich Schfer, Emmanuel Teiger, Thibaut Manigold, Thomas Modine, Geraud Souteyrand, Didier Champagnac, Jae K. Oh, Shuzhen Li and Didier Tchétché, on behalf of the VIVA Investigators

Comparison of Survival in Patients With Clinically Significant Tricuspid Regurgitation With and Without Heart Failure (From the Optum Integrated File)..... 125
 Colin M Barker, David P Cork, Peter A McCullough, Hirsch S Mehta, Joanna Van Houten, Candace Gunnarsson, Michael Ryan, William Irish, Sarah Mollenkopf and Patrick Verta

Cardiomyopathy

Effect of Renal Dysfunction on Risk of Sudden Cardiac Death in Patients With Hypertrophic Cardiomyopathy 131
 Satoshi Higuchi, Yuichiro Minami, Morio Shoda, Shota Shirotani, Miwa Kanai, Shohei Kataoka, Kyoichiro Yazaki, Chihiro Saito, Shintaro Haruki, Daigo Yagishita, Koichiro Ejima and Nobuhisa Hagiwara

Miscellaneous

Relation of Body Mass Index to Adverse Right Ventricular Mechanics 137
 Koki Nakanishi, Masao Daimon, Yuriko Yoshida, Jumpei Ishiwata, Naoko Sawada, Megumi Hirokawa, Hidehiro Kaneko, Tomoko Nakao, Yoshiko Mizuno, Hiroyuki Morita, Marco R. Di Tullio, Shunichi Homma and Issei Komuro

Relation of Bariatric Surgery to Inpatient Cardiovascular Outcomes (from the National Inpatient Sample)..... 143
 Tran Nguyen, Talal Alzahrani, Ari Mandler, Mohammad Alarfaj, Gurusher Panjra and Joseph Krepp

Editorial

How Safe is Your Safe Deposit Box?..... 148
 Robert M. Doroghazi

Readers' Comments

Utility of Exercise-Induced ST-Segment Elevation in Lead aVR for Detecting Left Main or Proximal Left Anterior Descending Disease..... 150

Vardhmaan Jain, Subrat Das, Kirtipal Bhatia, Devika Aggarwal, Agam Bansal, Bharat Narasimhan, Nirupama Krishnamurthi, Lily Martin, Aditya Joshi, Arman Qamar, Samir Kapadia and Nina Kukar

Prevalence and Outcomes of Tricuspid Valve Disease in Patients Undergoing Mitral Valve Surgery (from the Nationwide Inpatient Sample Database) 151

Sohum S. Kapadia, Anas Saad, Per Wierup and Serge C. Harb

Meta-Analysis of Atrial Fibrillation in Patients With COVID-19 152

Haiyan Yang, Xuan Liang, Jie Xu, Hongjie Hou and Yadong Wang

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

Full Text: www.ajconline.org