

Original Articles

Cardiomyopathies

Global Longitudinal Strain and Left Atrial Volume Index Provide Incremental Prognostic Value in Patients With Hypertrophic Cardiomyopathy

Yasmine L. Hiemstra, MD; Philippe Debonnaire, MD, PhD; Marianne Bootsma, MD, PhD; Erik W. van Zwet, MD, PhD; Victoria Delgado, MD, PhD; Martin J. Schalij, MD, PhD; Douwe E. Atsma, MD, PhD; Jeroen J. Bax, MD, PhD; Nina Ajmone Marsan, MD, PhD e005706

■ Editorial Risk Stratification in Hypertrophic Cardiomyopathy: Highly Effective, But Could It Be Better?

Martin S. Maron, MD e006674

Coronary Artery Disease

Acute Infarct Extracellular Volume Mapping to Quantify Myocardial Area at Risk and Chronic Infarct Size on Cardiovascular Magnetic Resonance Imaging

Pankaj Garg, MD; David A. Broadbent, PhD; Peter P. Swoboda, PhD; James R.J. Foley, MD; Graham J. Fent, MD; Tarique A. Musa, PhD; David P. Ripley, MBChB; Bara Erhayiem, BMBS; Laura E. Dobson, MD; Adam K. McDiarmid, MD; Philip Haaf, MD; Ananth Kidambi, PhD; Rob J. van der Geest, PhD; John P. Greenwood, PhD; Sven Plein, PhD e006182

■ Editorial Mapping Myocardial Salvage Index by Extracellular Volume Fraction: Are We There Yet?

Heerajnarain Bulluck, PhD; Derek J. Hausenloy, MBChB, PhD e006680

Relationship Between Serum Inflammatory Marker Levels and the Dynamic Changes in Coronary Plaque Characteristics After Statin Therapy

Osung Kwon, MD; Soo-Jin Kang, MD, PhD; Se Hun Kang, MD; Pil Hyung Lee, MD; Sung-Cheol Yun, PhD; Jung-Min Ahn, MD; Duk-Woo Park, MD, PhD; Seung-Whan Lee, MD, PhD; Young-Hak Kim, MD, PhD; Cheol Whan Lee, MD, PhD; Ki Hoon Han, MD, PhD; Seong-Wook Park, MD, PhD; Seung-Jung Park, MD, PhD e005934

■ Editorial Lipid-Lowering and Anti-Inflammatory Benefits of Statin Therapy: More Than Meets the Plaque

Viviany R. Taqueti, MD, MPH; Paul M. Ridker, MD, MPH e006676

Temporal Trends of Single-Photon Emission Computed Tomography Myocardial Perfusion Imaging in Patients With Coronary Artery Disease: A 22-Year Experience From a Tertiary Academic Medical Center

Hayan Jouni, MD; J. Wells Askew, MD; Daniel J. Crusan, BS; Todd D. Miller, MD; Raymond J. Gibbons, MD . e005628

■ Editorial How Should We Interpret the Decrease in Annual Volume of Stress Imaging Tests for Evaluation of Suspected or Known Coronary Artery Disease With Fewer High-Risk Test Results?

George A. Beller, MD e006702

Visual and Quantitative Assessment of Coronary Stenoses at Angiography Versus Fractional Flow Reserve: The Impact of Risk Factors

Julien Adjedj, MD; Panagiotis Xaplanteris, MD, PhD; Gabor Toth, MD; Angela Ferrara, MD; Mariano Pellicano, MD; Giovanni Ciccarelli, MD; Vincent Floré, MD, PhD; Emanuele Barbato, MD, PhD; Bernard De Bruyne, MD, PhD e006243

■ Editorial Clues to Discordance and Dissimilarity Between Coronary Stenosis and Lesion-Specific Ischemia

Leslee J. Shaw, PhD; James K. Min, MD e006729

Outcomes Research

Utility of 2013 American College of Cardiology/American Heart Association Cholesterol Guidelines in HIV-Infected Adults With Carotid Atherosclerosis

Binh An P. Phan, MD; Bernard Weigel, BA; Yifei Ma, MS; Rebecca Scherzer, PhD; Danny Li, BS; Sophia Hur, MPH; S.C. Kalapus, RDCS; Steven Deeks, MD; Priscilla Hsue MD **OPEN** e005995

■ Editorial Cardiovascular Disease Imaging in HIV: Novel Phenotypes and New Targets for Risk Reduction

Steven Grinspoon, MD; Udo Hoffmann, MD e006710

Valvular Heart Disease

Blood Pressure and Arterial Load After Transcatheter Aortic Valve Replacement for Aortic Stenosis

Brian R. Lindman, MD, MSCI; Catherine M. Otto, MD; Pamela S. Douglas, MD; Rebecca T. Hahn, MD; Sammy Elmariah, MD, MPH; Neil J. Weissman, MD; William J. Stewart, MD; Girma M. Ayele, PhD; Feifan Zhang, PhD; Alan Zajarias, MD; Hersh S. Maniar, MD; Hasan Jilaihawi, MD; Eugene Blackstone, MD; Khaja M. Chinnakondapalli, MS; E. Murat Tuzcu, MD; Martin B. Leon, MD; Philippe Pibarot, DVM, PhD ... e006308

■ Editorial Blood Pressure, Arterial Load, and Survival After Transcatheter Aortic Valve Replacement: Reducing the Gradient Is Only Part of the Picture

Patrick T. O’Gara, MD e006683

Ventricular Structure and Function

Relationship Between Myocardial Function, Body Mass Index, and Outcome After ST-Segment–Elevation Myocardial Infarction

Emer Joyce, MD, PhD; Georgette E. Hoogslag, MD, PhD; Vasileios Kamperidis, MD, PhD; Philippe Debonnaire, MD, PhD; Spyridon Katsanos, MD, PhD; Bart Mertens, PhD; Nina Ajmone Marsan, MD, PhD; Jeroen J. Bax, MD, PhD; Victoria Delgado, MD, PhD e005670

■ Editorial The Good, the Bad, and the Ugly of Using Left Ventricular Longitudinal Myocardial Deformation by Speckle-Tracking Echocardiography to Assess Patients After an Acute Myocardial Infarction

Luigi P. Badano, MD, PhD; Denisa Muraru, MD, PhD e006693

Advances in Cardiovascular Imaging

Sudden Cardiac Death Substrate Imaged by Magnetic Resonance Imaging: From Investigational Tool to Clinical Applications

Katherine C. Wu, MD e005461

How to Use Imaging

How to Image Hypertrophic Cardiomyopathy

Martin S. Maron, MD; Ethan J. Rowin, MD; Barry J. Maron, MD e005372

Correspondence

Letter by Scholtens et al Regarding Article, “Characterization of ¹⁸F-Fluorodeoxyglucose Uptake Patterns in Noninfected Prosthetic Heart Valves”

Asbjørn M. Scholtens, MD; Marnix G.E.H. Lam, MD, PhD; Hein J. Verberne, MD, PhD e006614

Response by Mathieu et al to Letter Regarding Article, “Characterization of ¹⁸F-Fluorodeoxyglucose Uptake Pattern in Noninfected Prosthetic Heart Valves”

Cédric Mathieu, MD; Nidaa Mikail, MD; Khadija Benali, MD; Bernard Lung, MD; Xavier Duval, MD, PhD; Patrick Nataf, MD; Guillaume Jondeau, MD, PhD; Fabien Hyafil, MD, PhD; Dominique Le Guludec, MD, PhD; François Rouzet, MD, PhD e006720

10 (7)

Circ Cardiovasc Imaging. 2017;10:

Circulation: Cardiovascular Imaging is published by the American Heart Association, 7272 Greenville Avenue,
Dallas, TX 75231

Copyright © 2017 American Heart Association, Inc. All rights reserved.

Print ISSN: 1941-9651. Online ISSN: 1942-0080

The online version of this article, along with updated information and services, is located on the
World Wide Web at:

<http://circimaging.ahajournals.org/content/10/7>

Permissions: Requests for permissions to reproduce figures, tables, or portions of articles originally published in *Circulation: Cardiovascular Imaging* can be obtained via RightsLink, a service of the Copyright Clearance Center, not the Editorial Office. Once the online version of the published article for which permission is being requested is located, click Request Permissions in the middle column of the Web page under Services. Further information about this process is available in the [Permissions and Rights Question and Answer](#) document.

Reprints: Information about reprints can be found online at:
<http://www.lww.com/reprints>

Subscriptions: Information about subscribing to *Circulation: Cardiovascular Imaging* is online at:
<http://circimaging.ahajournals.org/subscriptions/>