

Original Articles

Congenital Heart Disease

Pulmonary Right Ventricular Resynchronization in Congenital Heart Disease: Acute Improvement in Right Ventricular Mechanics and Contraction Efficiency

Jan Janoušek, MD, PhD; Jan Kovanda, MD; Miroslav Ložek, MSc; Viktor Tomek, MD, PhD; Pavel Vojtovič MD; Roman Gebauer, MD; Peter Kubuš, MD, PhD; Miroslav Krejčíř MSc; Joost Lumens, PhD; Tammo Delhaas, PhD; Frits Prinzen, PhD

e006424

■ **Editorial Another Step in the Right Direction: Resynchronizing the Dyssynchronous Right Ventricle Improves Its Efficiency and Function**

Mark K. Friedberg, MD e006905

Coronary Artery Disease

Serial 3-Vessel Optical Coherence Tomography and Intravascular Ultrasound Analysis of Changing Morphologies Associated With Lesion Progression in Patients With Stable Angina Pectoris

Myong Hwa Yamamoto, MD; Kennosuke Yamashita, MD, PhD; Mitsuaki Matsumura, BS; Akiko Fujino, MD; Masaru Ishida, MD; Seitarou Ebara, MD; Toshitaka Okabe, MD, PhD; Shigeo Saito, MD; Koichi Hoshimoto, MD, PhD; Kisaki Amemiya, MD; Tadayuki Yakushiji, MD, PhD; Naoei Isomura, MD, PhD; Hiroshi Araki, MD, PhD; Chiaki Obara, MD, PhD; Thomas McAndrew, PhD; Masahiko Ochiai MD, PhD; Gary S. Mintz, MD; Akiko Maehara, MD

e006347

■ **Editorial Plaque Progression: Slow Linear or Rapid Stepwise?**

Ik-Kyung Jang, MD, PhD e006964

Magnetic Resonance Imaging

Cardiovascular Magnetic Resonance to Predict Appropriate Implantable Cardioverter Defibrillator Therapy in Ischemic and Nonischemic Cardiomyopathy Patients Using Late Gadolinium Enhancement Border Zone: Comparison of Four Analysis Methods

Robert Jablonowski, MD, PhD; Uzma Chaudhry, MBBS; Jesper van der Pals, MD, PhD; Henrik Engblom, MD, PhD; Håkan Arheden, MD, PhD; Einar Heiberg, PhD; Katherine C. Wu, MD; Rasmus Borgquist, MD, PhD; Marcus Carlsson, MD, PhD

e006105

■ **Editorial Unraveling the Scar With Cardiac Magnetic Resonance**

Antonio Berruezo, MD, PhD; Jose Tomás Ortiz-Pérez, MD, PhD e006907

Prevalence and Prognostic Significance of Left Ventricular Noncompaction in Patients Referred for Cardiac Magnetic Resonance Imaging

Alexander Ivanov, MD; Devindra S. Dabiesingh, DO, MPH; Geetha P. Bhumireddy, MD; Ambreen Mohamed, MD; Ahmed Asfour, MD; William M. Briggs, PhD, MS; Jean Ho, BS; Saadat A. Khan, MD; Alexandra Grossman, BS; Igor Klem, MD; Terrence J. Sacchi, MD; John F. Heitner, MD

e006174

■ **Editorial Excessive Trabeculations and Prognosis: The Plot Thickens**

Steffen E. Petersen, MD, DPhil, MPH; Stefan Neubauer, MD e006908

Novel Index of Maladaptive Myocardial Remodeling in Hypertension

Vera J. Goh, MD; Thu-Thao Le, PhD; Jennifer Bryant, PhD; Jia Ing Wong; Boyang Su, PhD; Chi-Hang Lee, MD; Chee Jian Pua, BSc; Chloe P.Y. Sim, BSc; Briana Ang, BSc; Tar Choon Aw, MD MPP; Stuart A. Cook, MD, PhD; Calvin W.L. Chin, MD, PhD **OPEN** e006840

■ Editorial A Novel Index of Remodeling in Hypertensive Heart Disease

Gerard P. Aurigemma, MD; Michael Salerno, MD, PhD, MS e006975

Ventricular Structure and Function

Regional Dysfunction After Myocardial Infarction in Rats

Emil K.S. Espe, MSc, PhD; Jan Magnus Aronsen, MD; Morten Eriksen, MD, PhD; Ole M. Sejersted, MD, PhD; Lili Zhang, MSc, PhD; Ivar Sjaastad, MD, PhD e005997

■ Editorial Regional Myocardial Contractility: The Elusive Phantom of Cardiology

Frank E. Rademakers, MD, PhD e006906

Lowering Interleukin-12 Activity Improves Myocardial and Vascular Function Compared With Tumor Necrosis Factor- α Antagonism or Cyclosporine in Psoriasis

Ignatios Ikonomidis, MD, PhD; Evangelia Papadavid, MD; George Makavos, MD, PhD; Ioanna Andreadou, PhD; Maria Varoudi, MD; Kostas Gravanis, MD; Kostas Theodoropoulos, MD; George Pavlidis, MD; Helen Triantafyllidi, MD, PhD; Paraskevi Moutsatsou, MD, PhD; Christina Panagiotou, MD; John Parissis, MD, PhD; Efsthios Iliodromitis, MD, PhD; John Lekakis, MD, PhD; Dimitrios Rigopoulos, MD, PhD e006283

■ Editorial Interleukin Antagonists: Have We Found the Right One to Block? Are Cardiovascular Effects of Biologic Therapies Similar?

Ayman Samman Tahhan, MD; Pratik B. Sandesara, MD; Arshed A. Quyyumi, MD e006919

Advances in Cardiovascular Imaging

Cardiac Imaging in Patients With Heart Failure and Preserved Ejection Fraction

Sherif F. Nagueh, MD; Su Min Chang, MD; Faisal Nabi, MD; Dipan J. Shah, MD; Jerry D. Estep, MD e006547

How to Use Imaging

Bicuspid Aortic Valve: What to Image in Patients Considered for Transcatheter Aortic Valve Replacement?

William K.F. Kong, MD; Victoria Delgado, MD, PhD; Jeroen J. Bax, MD, PhD e005987

Correspondence

Letter by Mewton and Croisille Regarding Article, "Identification of High-Risk Patients After ST-Segment–Elevation Myocardial Infarction: Comparison Between Angiographic and Magnetic Resonance Parameters"

Nathan Mewton, MD, PhD; Pierre Croisille, MD, PhD e006915

Response by Durante and Camici to Letter Regarding Article, "Identification of High-Risk Patients After ST-Segment–Elevation Myocardial Infarction: Comparison Between Angiographic and Magnetic Resonance Parameters"

Alessandro Durante, MD; Paolo G. Camici, MD e006933

Letter by Saito Regarding Article, "Visual and Quantitative Assessment of Coronary Stenoses at Angiography Versus Fractional Flow Reserve: The Impact of Risk Factors"

Naritatsu Saito, MD e006939

10 (9)

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/10/9>

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/>