

Circulation

Editorials

What Can We Learn From MOTHER?: Aortic Pathology Predicts Midterm Outcome *p 5*

When Giant Cell Myocarditis Affects Only the Atria *p 8*

A Paradigm Shift in Our Understanding of the Development of the Hypertrophic Cardiomyopathy Phenotype?: Not So Fast! *p 10*

A Quick Fix?: Short-term CXC-Chemokine Receptor 4 Inhibition Redistributes Proangiogenic Bone Marrow Cells to Ischemic Myocardium in an Endothelial Nitric Oxide Synthase—Dependent Fashion *p 13*

Targeting Vascular Endothelial Cell Insulin Resistance in Type 2 Diabetes Mellitus: Is Protein Kinase C β the Bullseye for Reducing Vascular Risk in Diabetes? *p 16*

Between a ROCK and a Hard Place: How to Align Our Circadian Rhythms? *p 19*

The “Heart Disease and Stroke Statistics—2013 Update” and the Need for a National Cardiovascular Surveillance System *p 21*

Original Articles

Aortic Pathology Determines Midterm Outcome After Endovascular Repair of the Thoracic Aorta: Report From the Medtronic Thoracic Endovascular Registry (MOTHER) Database *p 24* **CME**

Low Serum Magnesium and the Development of Atrial Fibrillation in the Community: The Framingham Heart Study *p 33*

Atrial Giant Cell Myocarditis: A Distinctive Clinicopathologic Entity *p 39*

Penetrance of Hypertrophic Cardiomyopathy in Children and Adolescents: A 12-Year Follow-up Study of Clinical Screening and Predictive Genetic Testing *p 48*

Hemodynamic Responses to Rapid Saline Loading: The Impact of Age, Sex, and Heart Failure *p 55*

CXC-Chemokine Receptor 4 Antagonist AMD3100 Promotes Cardiac Functional Recovery After Ischemia/Reperfusion Injury via Endothelial Nitric Oxide Synthase—Dependent Mechanism *p 63*

A Glucagon-Like Peptide-1 Analog Reverses the Molecular Pathology and Cardiac Dysfunction of a Mouse Model of Obesity *p 74*

Protein Kinase C- β Contributes to Impaired Endothelial Insulin Signaling in Humans With Diabetes Mellitus *p 86*

Effect of Statins on Skeletal Muscle Function *p 96*

Pivotal Role of Rho-Associated Kinase 2 in Generating the Intrinsic Circadian Rhythm of Vascular Contractility *p 104*

Attenuating Endoplasmic Reticulum Stress as a Novel Therapeutic Strategy in Pulmonary Hypertension *p 115*

Clinical Cardiology Curriculum

Contemporary Reviews in Cardiovascular Medicine

An Update on Channelopathies: From Mechanisms to Management *p 126*

Images in Cardiovascular Medicine

Pulmonary Artery Hypertension Associated With Systemic Scleroderma: Correlation Among Lung Pulmonary Blood Volume, Lung Perfusion Single Photon Emission Computed Tomography, and Chest Computed Tomography Images *p 141*

Indirect Myocardial Revascularization: Great Therapeutic Potential If Understanding the Mechanisms *p e1*

Synthetic ECG-Gated Cardiac Computed Tomography for In Vivo Imaging of the Temporary Total Artificial Heart *p e4*

AHA Statistical Update

Executive Summary: Heart Disease and Stroke Statistics—2013 Update: A Report From the American Heart Association *p 143*

Heart Disease and Stroke Statistics—2013 Update: A Report From the American Heart Association *p e6*

Book Review

Atlas of Nuclear Cardiology: Imaging Companion to Braunwald's Heart Disease *p e246*

Circulation Topic Review

Circulation's Editors' Picks: Most Important Articles Published Each Week, Part I *p e248*

127 (1)

Circulation. 2013;127:e246-152

Circulation is published by the American Heart Association, 7272 Greenville Avenue, Dallas, TX 75231
Copyright © 2013 American Heart Association, Inc. All rights reserved.
Print ISSN: 0009-7322. Online ISSN: 1524-4539

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

<http://circ.ahajournals.org/content/127/1.citation>

Permissions: Requests for permissions to reproduce figures, tables, or portions of articles originally published in *Circulation* 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* is online at:
<http://circ.ahajournals.org/subscriptions/>