

| | |
|------------------------------------|-----------|
| European Perspectives | f101–f104 |
| Issue Highlights | 1 |

Editors' Note

| | |
|--|---|
| <i>Martin G. Larson, MD; Lisa M. Sullivan, PhD</i> | 2 |
|--|---|

Editorials

| | |
|---|---|
| Clinical Trials for Cardiac Pacing in Bradycardia: The End or the Beginning? <i>Hung-Fat Tse, MD; Chu-Pak Lau, MD</i> | 3 |
| Chronic Kidney Disease: Tipping the Scale to the Benefit of Angiotensin-Converting Enzyme Inhibitors in Patients With Coronary Artery Disease <i>Peter A. McCullough, MD, MPH</i> | 6 |
| “Shades of Gray” in Cardiac Magnetic Resonance Images of Infarcted Myocardium: Can They Tell Us What We'd Like Them to? <i>Francis J. Klocke, MD; Edwin Wu, MD; Daniel C. Lee, MD</i> | 8 |

Original Articles

Arrhythmia/Electrophysiology

| | |
|---|----|
| Cardiovascular Outcomes With Atrial-Based Pacing Compared With Ventricular Pacing: Meta-Analysis of Randomized Trials, Using Individual Patient Data <i>Jeffrey S. Healey, MD, MSc; William D. Toff, MD; Gervasio A. Lamas, MD; Henning R. Andersen, MD; Kevin E. Thorpe, MMath; Kenneth A. Ellenbogen, MD; Kerry L. Lee, PhD; Allan M. Skene, PhD; Eleanor B. Schron, MS; J. Douglas Skehan, MBBS; Lee Goldman, MD, MPH; Robin S. Roberts, MTech; A. John Camm, MD; Salim Yusuf, MD, DPhil; Stuart J. Connolly, MD</i> Clinical Perspective | 11 |
| Effect of Cardiac Resynchronization on the Incidence of Atrial Fibrillation in Patients With Severe Heart Failure <i>Uta C. Hoppe, MD; Jaime M. Casares, MD; Hans Eiskjær, MD; Arne Hagemann, MD; John G.F. Cleland, MD; Nick Freemantle, PhD; Erland Erdmann, MD</i> Clinical Perspective | 18 |

Coronary Heart Disease

| | |
|---|----|
| Renal Function and Effectiveness of Angiotensin-Converting Enzyme Inhibitor Therapy in Patients With Chronic Stable Coronary Disease in the Prevention of Events with ACE inhibition (PEACE) Trial <i>Scott D. Solomon, MD; Madeline M. Rice, PhD; Kathleen A. Jablonski, PhD; Powell Jose, BS; Michael Domanski, MD; Marc Sabatine, MD; Bernard J. Gersh, MD, ChB, DPhil; Jean Rouleau, MD; Marc A. Pfeffer, MD, PhD; Eugene Braunwald, MD; for the Prevention of Events with ACE inhibition (PEACE) Investigators</i> Clinical Perspective | 26 |
|---|----|

Imaging

Characterization of the Peri-Infarct Zone by Contrast-Enhanced Cardiac Magnetic Resonance Imaging Is a Powerful Predictor of Post-Myocardial Infarction Mortality

Andrew T. Yan, MD; Adolphe J. Shayne, MD; Kenneth A. Brown, MD; Sandeep N. Gupta, PhD;
Carmen W. Chan, MBBS; Tuan M. Luu, BSc; Marcelo F. Di Carli, MD; H. Glenn Reynolds, MSc;
William G. Stevenson, MD; Raymond Y. Kwong, MD **Clinical Perspective** ➔ 32

Interventional Cardiology

Routine Thrombectomy in Percutaneous Coronary Intervention for Acute ST-Segment-Elevation Myocardial Infarction: A Randomized, Controlled Trial

Anne Kaltoft, MD, PhD; Morten Bøttcher, MD, PhD; Søren Steen Nielsen, MD;
Hans-Henrik Tilsted Hansen, MD; Christian Terkelsen, MD, PhD; Michael Mæng, MD, PhD;
Jens Kristensen, MD; Leif Thuesen, MD, DMSCi; Lars Romer Krusell, MD;
Steen Dalby Kristensen, MD, DMSCi; Henning Rud Andersen, MD, DMSCi; Jens Flensted Lassen, MD, PhD;
Klaus Rasmussen, MD, DMSCi; Michael Rehling, MD, DMSCi; Torsten Toftegaard Nielsen, MD, DMSCi;
Hans Erik Bøtker, MD, DMSCi **Clinical Perspective** ➔ 40

Vascular Medicine

Bosentan Therapy in Patients With Eisenmenger Syndrome: A Multicenter, Double-Blind, Randomized, Placebo-Controlled Study

Nazzareno Galiè, MD; Maurice Beghetti, MD; Michael A. Gatzoulis, MD; John Granton, MD;
Rolf M.F. Berger, MD; Andrea Lauer, PhD; Eleonora Chiossi, MSc; Michael Landzberg, MD; for the Bosentan
Randomized Trial of Endothelin Antagonist Therapy-5 (BREATHE-5) Investigators **Clinical Perspective** ➔ 48

Inflammation in Atherosclerosis: Visualizing Matrix Metalloproteinase Action in Macrophages In Vivo

Jun-o Deguchi, MD, PhD; Masanori Aikawa, MD, PhD; Ching-Hsuan Tung, PhD;
Elena Aikawa, MD, PhD; Dong-Eog Kim, MD; Vasilis Ntziachristos, PhD;
Ralph Weissleder, MD, PhD; Peter Libby, MD **Clinical Perspective** ➔ 55

Contemporary Reviews in Cardiovascular Medicine

Aortic Atherosclerotic Disease and Stroke

Itzhak Kronzon, MD; Paul A. Tunick, MD 63

Statistical Primer for Cardiovascular Research

Descriptive Statistics and Graphical Displays

Martin G. Larson, SD 76

AHA Scientific Statement

Diet and Lifestyle Recommendations Revision 2006: A Scientific Statement From the American Heart Association Nutrition Committee

Alice H. Lichtenstein, DSc, FAHA, Chair; Lawrence J. Appel, MD, FAHA, Vice-Chair;
Michael Brands, PhD, FAHA; Mercedes Carnethon, PhD; Stephen Daniels, MD, PhD, FAHA;
Harold A. Franch, MD, FAHA; Barry Franklin, PhD, FAHA; Penny Kris-Etherton, RD, PhD, FAHA;
William S. Harris, PhD, FAHA; Barbara Howard, PhD, FAHA; Njeri Karanja, PhD;
Michael Lefevre, PhD, FAHA; Lawrence Rudel, MD, PhD, FAHA; Frank Sacks, MD, FAHA;
Linda Van Horn, PhD, RD, FAHA; Mary Winston, EdD; Judith Wylie-Rosett, EdD, RD 82

Circulation Electronic Pages

Clinician Update

Carotid Stenting

Marco Roffi, MD; Jay S. Yadav, MD **Web Site Feature** ★e1-e4

Images in Cardiovascular Medicine

Catheter-Based Completion of the Fontan Circuit: A Nonsurgical Approach

Matthew A. Crystal, MD; Shi-Joon Yoo, MD; Haverj Mikailian, MRT;

Lee N. Benson, MD **Web Site Feature** ★e5–e6

Acute Pneumopericardium Due to Intestino-Pericardial Fistula

Antonia M.S. Müller, MD; Matthias J. Betz, MD; Jan Kromeier, MD; Nadir A. Ghanem, MD;

Annette Geibel, MD; Andreas Imdahl, MD; Alex P. Frydrychowicz, MD; **Web Site Feature** ★e7–e9

Kimura's Disease Presenting as Steroid-Responsive Thromboangiitis Obliterans

Takao Nagashima, MD, PhD; Takeshi Kamimura, MD, PhD; Hiroyuki Nara, MD;

Masahiro Iwamoto, MD, PhD; Hitoaki Okazaki, MD, PhD; Seiji Minota, MD, PhD; **Web Site Feature** .. ★e10–e11

Book Review

Transcatheter Valve Repair

Howard C. Herrmann, MD **Web Site Feature** ★e12

Correspondence

Letter by Sanderson Regarding Article “Contractile Behavior of the Left Ventricle in Diastolic Heart Failure: With Emphasis on Regional Systolic Function”

Letter John E. Sanderson, MD **Web Site Feature** ★e13

Response to Letter Regarding Article “Contractile Behavior of the Left Ventricle in Diastolic Heart Failure: With Emphasis on Regional Systolic Function”

Gerard P. Aurigemma, MD; Michael R. Zile, MD; William H. Gaasch, MD **Web Site Feature** ★e14

Acknowledgment of Reviewers ★e15–e25

Corrections ★e26–e27

News From the American Heart Association B1

Meetings Calendar B2–B4

Classified B5

➔ indicates articles with a Clinical Perspective; ★ indicates articles available online only.