European Perspectives ............................................................. f49–f54
Clinical Summaries .......................................................................... 1121

Editorials
Deciphering the Endothelial Shear Stress Sensor
Robert E. Poelmann, PhD; Kim Van der Heiden, MSc; Adriana Gittenberger-de Groot, PhD; Beerend P. Hierck, PhD .......................................................... 1124
Elucidating the Genetic Basis of Peripheral Arterial Disease: Identification of a Quantitative Trait Locus That Determines the Phenotypic Response to Experimental Hindlimb Ischemia
Louis M. Messina, MD ......................................................................... 1127

Original Articles
Arrhythmia/Electrophysiology
Dietary Fish and ω-3 Fatty Acid Consumption and Heart Rate Variability in US Adults
Dariush Mozaffarian, MD, DrPH; Phyllis K. Stein, PhD; Ronald J. Prineas, MD, PhD; David S. Siscovick, MD, MPH ........................................................................ 1130
Clinical Perspective

Epidemiology
Association of Leukocyte Telomere Length With Circulating Biomarkers of the Renin-Angiotensin-Aldosterone System: The Framingham Heart Study
Ramachandran S. Vasan, MD; Serkalem Demisse, PhD; Masayuki Kimura, MD, PhD; L. Adrienne Cupples, PhD; Nader Rifai, PhD; Charles White, MPH; Thomas J. Wang, MD; Jeffrey P. Gardner, PhD; Xiaogian Cao, BS; Emelia J. Benjamin, MD, ScM; Daniel Levy, MD; Abraham Aviv, MD ........................................................................ 1138
Clinical Perspective

Health Services and Outcomes Research
Rural Interhospital Transfer of ST-Elevation Myocardial Infarction Patients for Percutaneous Coronary Revascularization: The Stat Heart Program
Frank V. Aguirre, MD; Joji J. Varghese, MD; Michael P. Kelley, MD; Wilfred Lam, MD; Charles L. Lucore, MD; John B. Gill, MD; Lisa Page, RN; Leah Turner, BS; Conrad Davis, CCA; Frank L. Mikell, MD; for the Stat Heart Investigators ........................................................................ 1145
Clinical Perspective

Imaging
Activatable Magnetic Resonance Imaging Agent Reports Myeloperoxidase Activity in Healing Infarcts and Noninvasively Detects the Antiinflammatory Effects of Atorvastatin on Ischemia-Reperfusion Injury
Matthias Nahrendorf, MD; David Sosnovik, MD, PhD; John W. Chen, MD, PhD; Peter Panizzi, PhD; Jose-Luiz Figueiredo, MD; Elena Aikawa, MD, PhD; Peter Libby, MD; Filip K. Swirski, PhD; Ralph Weissleder, MD, PhD ........................................................................ 1153
Clinical Perspective

Molecular Cardiology
Endothelial Cilia Are Fluid Shear Sensors That Regulate Calcium Signaling and Nitric Oxide Production Through Polycystin-1
Surya M. Nauli, PhD; Yoshifumi Kawanabe, MD, PhD; John J. Kaminski, MS; William J. Pearce, PhD; Donald E. Ingber, MD, PhD; Jing Zhou, MD, PhD ........................................................................ 1161
Clinical Perspective

CIRCULATION (ISSN 0009-7322) is published weekly except combined the first two weeks in January and the last two weeks in December by Lippincott Williams & Wilkins at 16522 Hunters Green Parkway, Hagerstown, MD 21740. Business offices are located at 530 Walnut Street, Philadelphia, PA 19106-3621. Production offices are located at 351 West Camden Street, Baltimore, MD 21201-2436. Individuals may subscribe for their personal use at the following rates: $216 for members of an American Heart Association scientific council and $386 for nonmembers; international: $371 for members of an American Heart Association scientific council and $649 for nonmembers. Periodicals postage paid at Hagerstown, MD, and additional mailing offices. POSTMASTER: Send address changes to CIRCULATION, American Heart Association, Lippincott Williams & Wilkins, 16522 Hunters Green Parkway, Hagerstown, MD 21740.
Images in Cardiovascular Medicine
Calcified Amorphous Tumor of the Heart
H.H. Ho, MD; J.K. Min, MD; F. Lin, MD; S.C. Wong, MD; G. Bergman, MD

Web Site Feature

Book Review
Crib Death: Sudden Unexplained Death of Infants—The Pathologist’s Viewpoint
Charles I. Berul, MD

Correspondence
Letter Regarding Article by Leeper et al, “Statin Use in Patients With Extremely Low Low-Density Lipoprotein Levels Is Associated With Improved Survival”
Shawn D. Anderson, PharmD; Ana B. Salgado, AA

Response to Letter Regarding Article, “Statin Use in Patients With Extremely Low Low-Density Lipoprotein Levels Is Associated With Improved Survival”
Nicholas J. Leeper, MD; Reza Ardehali, MD, PhD; Emil M. deGoma, MD; Paul A. Heidenreich, MD, MS

Claudia Stöllberger, MD; Birke Schneider, MD; Josef Finsterer, MD

Hidehiko Hara, MD; Robert A. Van Tassel, MD; Robert S. Schwartz, MD; Thomas K. Jones, MD; Elena Ladich, MD; Renu Virmani, MD; David Auth, PhD; Joseph Eichinger, BS; Robert J. Sommer, MD

Corrections

Classified Advertising