

# Supplement on Cardiovascular Disease: From Milestones to Innovations

## **S5 Introduction: The transition from milestones to innovations**

Maan A. Fares, MD

## **S6 Transcatheter aortic valve replacement: History and current indications**

Ahmad Zeeshan, MD; E. Murat Tuzcu, MD;  
Amar Krishnaswamy, MD, Samir Kapadia, MD;  
and Stephanie Mick, MD

## **S11 Evolving strategies to prevent stroke and thromboembolism in nonvalvular atrial fibrillation**

Ayman Hussein, MD; Walid Saliba, MD;  
and Oussama Wazni, MD

## **S17 Stroke management and the impact of mobile stroke treatment units**

Peter A. Rasmussen, MD

## **S28 Biomarkers: Their potential in the diagnosis and treatment of heart failure**

Barbara Heil, MD; and W. H. Wilson Tang, MD

## **S36 Clinical challenges in diagnosing and managing adult hypertension**

Joel Handler, MD

Cover image: © Lightspring/Shutterstock 2015.

Copyright © 2015 The Cleveland Clinic Foundation. All rights reserved.

The statements and opinions expressed in this supplement to the *Cleveland Clinic Journal of Medicine* are those of the authors and not necessarily those of Cleveland Clinic or its Board of Trustees.

*Cleveland Clinic Journal of Medicine* [ISSN 0891-1150 (print), ISSN 1939-2869 (online)] is published monthly by Cleveland Clinic.

Subscription rates: U.S. and possessions: personal \$135; institutional \$163; single copy/back issue \$20. Foreign: \$180; single copy/back issue \$20.

Institutional (multiple-reader rate) applies to libraries, schools, hospitals, and federal, commercial, and private institutions and organizations. Individual subscriptions must be in the names of, billed to, and paid by individuals.

Postmaster address changes: *Cleveland Clinic Journal of Medicine*, 1950 Richmond Road, TR4-04, Lyndhurst, OH 44124. Subscriptions, editorial, reprints, and production offices (same address): 216-444-2661 (phone); 216-444-9385 (fax); ccjm@ccf.org (e-mail); www.ccjm.org (website).

Printed in USA.

**AMM** Association of  
Medical Media