

# PREVENTING VENOUS THROMBOEMBOLISM THROUGHOUT THE CONTINUUM OF CARE

Supplement 3 to Volume 75, April 2008

[www.ccmj.org/ccjm\\_pdfs\\_supplements/vte.asp](http://www.ccmj.org/ccjm_pdfs_supplements/vte.asp)

## Supplement Editor

AMIR K. JAFFER, MD  
Leonard M. Miller School of Medicine  
University of Miami

## Contents

### An overview of venous thromboembolism: Impact, risks, and issues in prophylaxis . . . . .S3

A.K. Jaffer

### Prevention of venous thromboembolism in the hospitalized medical patient . . . . .S7

A.K. Jaffer, A.N. Amin, D.J. Brotman, S.B. Deitelzweig, S.C. McKean, A.C. Spyropoulos

### Prevention of venous thromboembolism in the cancer surgery patient . . . . .S17

A.C. Spyropoulos, D.J. Brotman, A.N. Amin, S.B. Deitelzweig, A.K. Jaffer, S.C. McKean

### Prevention of venous thromboembolism in the orthopedic surgery patient . . . . .S27

S.B. Deitelzweig, S.C. McKean, A.N. Amin, D.J. Brotman, A.K. Jaffer, A.C. Spyropoulos

*This supplement is based on the proceedings of a roundtable convened in Miami, FL, on December 1, 2007, by the Cleveland Clinic Center for Continuing Education and the Cleveland Clinic Journal of Medicine.*

## Acknowledgment

This supplement was supported by an educational grant from:



Author financial conflict-of-interest disclosures appear within the authors' respective articles.

## From the editor

Venous thromboembolism (VTE) is a disease that is under the microscope of several important organizations, including the Centers for Medicare and Medicaid Services (CMS) and the Joint Commission. It is also at the forefront of the agendas of hospital safety and quality-improvement committees. There is a push to look at both process and outcome measures with VTE, and these measures have been linked to hospital pay-for-performance programs.

This supplement is based on a recent roundtable conference in Miami, FL, that brought together six nationally renowned experts in thromboembolic disease to discuss evidence-based best practices surrounding VTE prevention. We focused on prevention in three high-risk populations: hospitalized medical patients, cancer surgery patients, and patients undergoing major joint replacement or hip fracture repair. We also discussed clinical cases and challenges as part of the roundtable discussion portions that conclude each of the three major articles in this supplement.

Our goal in developing this supplement has been to make clear the need for clinicians to focus on details of the type, dose, and duration of appropriate VTE prophylaxis both in the hospital and at discharge, with the ultimate goal of preventing a large number of patients from presenting in the outpatient setting as a result of failure to prevent VTE.

Amir K. Jaffer, MD  
Leonard M. Miller School of Medicine  
University of Miami, Miami, FL  
[ajaffer@med.miami.edu](mailto:ajaffer@med.miami.edu)

Copyright © 2008 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 of the Cleveland Clinic Foundation, its Board of Trustees, or Sanofi-Aventis. They do not necessarily represent formal practice guidelines in effect at Cleveland Clinic.

The *Cleveland Clinic Journal of Medicine* [ISSN 0891-1150 (print), ISSN 1939-2869 (online)] is published 12 times yearly by the Cleveland Clinic Foundation.

Subscription rates: U.S. and possessions: personal \$108; institutional \$134; single

copy/back issue \$20. Foreign: \$134; single copy/back issue \$20. Institutional (multiple-reader) rate applies to libraries, schools, hospitals, and federal, commercial, and private organizations. Individual subscriptions must be in the names of and paid by individuals.

Postmaster address changes: *Cleveland Clinic Journal of Medicine*, NA32, 9500 Euclid Avenue, Cleveland, OH 44195. Subscription orders, editorial, reprint, and production offices (same address): (216) 444-2661 (phone); (216) 444-9385 (fax); [ccjm@ccf.org](mailto:ccjm@ccf.org) (e-mail); [www.ccmj.org](http://www.ccmj.org) (Web).

Printed in USA.

