



Supplement 3 to Volume 70, July 2003

MANAGING ATRIAL FIBRILLATION: FOCUS ON NONPHARMACOLOGIC STRATEGIES

SUPPLEMENT EDITOR:
ROGER M. MILLS, MD*
THE CLEVELAND CLINIC

**Foreword: Beyond drugs alone:
Pacing, ablation, and surgery
for atrial fibrillation**

R.M. MILLS, MD

**Basic mechanisms of atrial
fibrillation**

D.R. VAN WAGONER, PhD

**Current clinical issues in atrial
fibrillation**

MINA K. CHUNG, MD

S1

S2

S6

**Approaches to restoring and
maintaining normal sinus rhythm**

**I. Pharmacologic management:
Often insufficient, but still first-line**

D.O. MARTIN, MD

**II. Pacing and devices:
Progress toward a preventive role**

WALID SALIBA, MD

III. Surgical approaches: At the 'tipping point'

PATRICK M. MCCARTHY, MD, AND A. MARC GILLINOV, MD

**IV. Catheter ablation:
A less invasive path to potential cure**

WILLIAM BELDEN, MD, NASSIR F. MARROUCHE, MD,
AND ANDREA NATALE, MD

**Managing chronic atrial fibrillation:
Strategies to control symptoms and
prevent embolism**

D.O. MARTIN, MD

S12

S30

This publication is supported by an unrestricted educational grant from St. Jude Medical, Inc.

Topics and editors for supplements to the *Cleveland Clinic Journal of Medicine* are determined by the *Journal's* editor-in-chief and staff. Supplement editors are chosen for their expertise in the topics discussed and are responsible for the scientific quality of supplements, including the review process. The *Journal* ensures that supplement editors and authors fully disclose any relationships with industry, including the supplement underwriter. For full guidelines on grant-supported *Journal* supplements, go to www.ccejm.org/pdf/guidelines.pdf.

*Dr. Mills has indicated that he has no commercial affiliations or interests that pose a potential conflict of interest with his role as editor of this supplement. For disclosures from individual authors, see the first page of their respective articles.

Copyright© 2003 The Cleveland Clinic Foundation.

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 St. Jude Medical, Inc.

The *Cleveland Clinic Journal of Medicine* (ISSN 0891-1150) is published 12 times yearly by The Cleveland Clinic Foundation.

Subscription rates: U.S. and possessions: personal \$98; institutional \$124; single copy/back issue \$16. Foreign: \$124; single copy/back issue \$16. Institutional (mul-

tiplier-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*, NA32, 9500 Euclid Avenue, Cleveland, OH 44195. Subscription orders, editorial, reprint, and production offices (same address): phone (216) 444-2661; fax (216) 444-9385; e-mail ccjm@ccf.org; World Wide Web address: <http://www.ccejm.org>

Printed in USA.

