



# TABLE OF CONTENTS

## FROM THE EDITOR.....

### Addressing both sides of a difficult controversy 8

Should a promising technology be widely applied before the data are in?

J.D. CLOUGH

## 1-MINUTE CONSULT.....



### Brief answers to specific clinical questions

### ■ Should all college-bound freshmen receive meningococcal vaccine? 9

Although freshmen living in dormitories have a higher risk, the CDC advises education rather than routine vaccination.

S.M. GORDON

### ■ Should a patient with a brain tumor receive anticoagulation for a thromboembolic event? 13

Although many physicians are reluctant to use anticoagulation in this situation, brain tumors are not an absolute contraindication to anticoagulation.

A. MORALES AND D.J. ADELSTEIN

## MEDICAL GRAND ROUNDS.....

### Radiofrequency ablation of the pulmonary veins: Can it stop atrial fibrillation at its source? 17

Atrial fibrillation appears to originate in the pulmonary veins; ablation could be a cure.

A. NATALE

## IM BOARD REVIEW.....

### An elderly woman with drug-induced coma in winter 25

What is the cause of this patient's symptoms? A self-test on a clinical case.

I.B. ORIIA AND S.B. COHEN

CONTINUED ON PAGE 7

# CLEVELAND CLINIC JOURNAL OF MEDICINE



JOHN D. CLOUGH, MD *Editor-in-Chief*  
BRIAN F. MANDELL, MD, PHD *Deputy Editor*  
LINDA K. HENGSTLER *Editor and Publisher*  
PHILLIP E. CANUTO *Executive Editor*  
RAY BORAZANIAN *Managing Editor*  
DAVID A. HUDDLESTON *Manuscript Editor*  
JESSICA ANCKER, ELS *Editorial Services*  
BRUCE M. MARICH *Production Manager*  
AMY SLUGG MOORE *Patient Education Editor*  
MARY BETH GLAUSER *Patient Education Writer*  
JOHN E. PRESSELLO *Art Director*  
ROBERT J. DEMAREST *Medical Art Director*  
JOSEPH A. PANGRACE *Medical Illustrator*  
DAVID R. SCHUMICK *Medical Illustrator*  
ERMA RICHARDSON *Department Coordinator*  
LOUISA R. PASKERT *Editorial Assistant*  
AUDRA BUTDORF *Billing/Accounting/Reprints*

## EDITORIAL ADVISORY BOARD

MUZAFFAR AHMAD, MD  
WILMA FOWLER BERGFELD, MD  
EMMANUEL L. BRAVO, MD  
RAY W. GIFFORD, JR, MD  
WILLIAM R. HART, MD  
ERIC A. KLEIN, MD  
FLOYD D. LOOP, MD  
DOUGLAS S. MOODIE, MD  
RICHARD H. NODAR, PHD  
WILLIAM L. PROUDFIT, MD  
WILLIAM C. SHELDON, MD  
ERIC J. TOPOI, MD  
HERBERT P. WIEDEMANN, MD

MANDY C. LEONARD, PHARM  
ANGELO A. LICATA, MD, PHD  
DAVID L. LONGWORTH, MD  
STEPHEN MAHONEY, MD  
MAURIE MARKMAN, MD  
ATUL C. MEHTA, MD  
NEIL B. MEHTA, MD  
FRANKLIN A. MICHOTA, MD  
STEVEN NISSEN, MD  
ROBERT M. PALMER, MD  
NORMAN B. RATLIFF, MD  
S. SETHU K. REDDY, MD  
MARK ROTH, MD  
DOUGLAS SEIDNER, MD  
CATHY A. SILA, MD  
FRANCK SKOBIERANDA, MD  
HOLLY L. THACKER, MD  
JAMES THOMAS, MD  
DONALD G. VIDT, MD  
WILLIAM S. WILKE, MD  
MARC WILLIAMS, MD  
JAMES B. YOUNG, MD  
ZOBAIR YOUNOSSI, MD

## ASSOCIATE EDITORS

ALEJANDRO C. ARROLIGA, MD  
DAVID BRONSON, MD  
BEN H. BROUARD, MD  
MARIE BUDEV, DO  
WILLIAM D. CAREY, MD  
WILLIAM A. CHILCOTE, MD  
BRIAN G. DONLEY, MD  
GARY FRANCIS, MD  
KATHLEEN FRANCO-BRONSON, MD  
STEVEN M. GORDON, MD  
BRIAN GRIFFIN, MD  
HITINDER GURM, MD  
GARY HOFFMAN, MD  
BYRON J. HOOGWERF, MD  
MANI S. KAVURU, MD

## CLEVELAND CLINIC FOUNDATION DIVISION OF EDUCATION

ANDREW J. FISHLER, MD  
*Chairman*  
PHILLIP R. GARD  
*Administrator*

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

STATEMENTS AND OPINIONS expressed in the *Cleveland Clinic Journal of Medicine* are those of the authors and not necessarily of The Cleveland Clinic Foundation or its Board of Trustees.

AUTHOR DISCLOSURES: Current guidelines state that participants in CME activities should be made aware of any affiliation or financial interest that may affect an author's article as well as any discussion of off-label drug therapies. All authors, except those indicated with an asterisk and a footnote with the article, have disclosed that they do not have a conflict of interest or will not discuss off-label therapies.

SUBSCRIPTION RATES: U.S. and possessions: personal \$90; institutional \$113; single copy/back issue \$13. Foreign: \$113; single copy/back issue \$13. 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*, NA32, 9500 Euclid Avenue, Cleveland, OH 44195

SUBSCRIPTIONS, EDITORIAL, REPRINTS, BILLING/ACCOUNTING AND PRODUCTION: (same address as above) • Phone (216) 444-2661 • Fax (216) 444-9385 • E-mail [ccjm@ccf.org](mailto:ccjm@ccf.org) <http://www.ccjm.org>

ADVERTISING: Joseph Dennehy, Director, Sales and Marketing, 120 Castle Ridge Rd, Manhasset, NY 11030 • Phone (516) 365-8640 • Fax (516) 365-0587



COPYRIGHT© 2001 THE CLEVELAND CLINIC FOUNDATION  
PRINTED IN U.S.A.

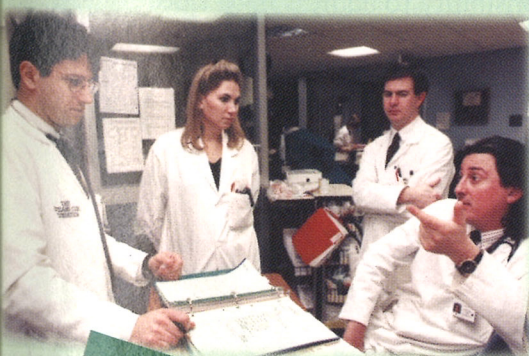




# UPCOMING FEATURES

- Implantable defibrillators prevent sudden death; drugs do not
- Heart failure: Treating asymptomatic LV dysfunction
- How antiviral therapy is changing HIV patterns
- Multiple sclerosis: Importance of early treatment
- Illustrated guide to shoulder problems
- Can surgery cure fibromyalgia?
- Systolic hypertension is still undertreated
- Legionnaire disease: Seek and ye shall find

■ VISIT OUR WEB SITE AT [HTTP://WWW.CCM.ORG](http://www.ccm.org)



DEDICATED TO LIFELONG LEARNING  
CLEVELAND  
CLINIC  
JOURNAL OF  
MEDICINE

CONTINUED FROM PAGE 2

## REVIEW .....

### **Diagnosing interstitial lung disease: A practical approach to a difficult problem** 33

An algorithm identifies key diagnostic clues in the patient's history, physical examination, and radiographic findings.

K.R. FLAHERTY AND F.J. MARTINEZ

## REVIEW .....

### **Heart failure disease management: A team approach** 53

To treat heart failure effectively you need a team and you need a plan. In short, you need a program.

N.M. ALBERT AND J.B. YOUNG



**PATIENT INFORMATION**

### **What you can do to keep your heart failure under control** 63

## REVIEW .....

### **What the internist needs to know about infertility** 65

Primary care physicians can handle most inquiries from patients about infertility and begin an office-based assessment.

T. FALCONE



**PATIENT INFORMATION**

### **Polycystic ovary syndrome and infertility** 73

## CANCER DIAGNOSIS AND MANAGEMENT .....

### **Spiral CT for lung cancer screening: Is it ready for prime time?** 74

Although low-dose spiral CT shows promise for lung cancer screening, many questions remain.

P. JAIN AND A.C. ARROLIGA

## LETTERS TO THE EDITOR .....

### **Preventive medicine and screening** 82

M. GALUS

### **In reply** 83

T. H. GOLDBERG

### **Low-dose spiral CT for lung cancer screening** 84

M. MEZIANE AND M. DECAMP

## DEPARTMENTS .....



### **CME Credit Test** 87

- The Cleveland Clinic Journal of Medicine is peer-reviewed and indexed in Index Medicus.