CLEVELAND CLINIC JOURNALOF MEDICINE



EDITORS

JOHN D. CLOUGH, MD Editor-in-Chief LINDA K. HENGSTL:R Editor and Publisher PHILLIP E. CANUTO Executive Editor RAY BORAZANIAN Managing Editor DAVID A. HUDDLESTON Manuscript Editor LOUISA R. PASKERT Editorial Assistant

JACQUELINE R. WERNER Editorial Assistant/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 C. SHELDON, MD
ERIC J. TOPOL, MD
ERIC J. TOPOL, MD
HERBERT P. WIEDEMANN, MD

ASSOCIATE EDITORS

DAVID BRONSON, MD BEN H. BROUHARD, MD. WILLIAM D. CAREY, MD WILLIAM A. CHILCOTE, MD AMANDA L. CURNOCK, MD. RONALD E. DOMEN, MD BRIAN G. DONLEY, MD STEVEN M. GORDON, MD GARY HOFFMAN, MD BYRON J. HOOGWERF, MD ANIL K. JAIN, MD MANI S. KAVURU, MD MANDY C. LEONARD, PHARMD 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.

VAKESH RAJANI, MD
NORMAN B. RATLIFF, MD
S. SETHU K. REDDY, MD
MARK ROTH, MD
CATHY A. SILA, MD
FRANCK SKOBIERANDA, MD
HOLLY L. THACKER, MD
JAMES THOMAS, MD
DONALD G. VIDT, MD
WILLIAM S. WILKE, MD
JAMES B. YOUNG, MD
ZOBAIR YOUNGSSI, MD

EDITORIAL STAFF

THOMAS A. LANG Editorial Services Manager

BRUCE M. MARICH Production Manager

MEDICAL ART DIRECTOR
ROBERT J. DEMAREST

.....

MEDICAL ILLUSTRATOR
NANCY HEIM, CMI

CLEVELAND CLINIC FOUNDATION DIVISION OF EDUCATION ANDREW J. FISHLEDER, MD

PHILLIP R. GARD Administrator

The Cleveland Clinic Journal of Medicine (ISSN 0891-1150) is published 10 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.

CONFLICTS OF INTEREST: 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. Each author has been requested to complete a disclosure form. The names of any authors declaring a potential conflict of interest are indicated with an asterisk.

SUBSCRIPTION RATES: U.S. and possessions: personal \$70; institutional \$90; single copy/back issue \$10. Foreign: \$90; single copy/back issue \$12. 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, EE37, 9500 Euclid Avenue, Cleveland, OH 44195

SUBSCRIPTIONS, EDITORIAL, REPRINIS, AND PRODUCTION: (same address as above)

Phone (216) 444-2661 • Fax (216) 444-9385 • E-mail, ccjm@cesmtp.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© 1998 THE CLEVELAND CLINIC FOUNDATION PRINTED IN U.S.A.

OCTOBER 1998



VOLUME 65 • NUMBER 9 • ISSN 0891-1150

TABLE OF CONTENTS

MEDICAL GRAND ROUNDS

The keyhole or the manhole? What internists need to know about minimally invasive CABG

454

Thousands of patients have undergone minimally invasive coronary artery bypass surgery, but some have contraindications to it. With an illustration showing the two major minimally invasive techniques.

J. SABIK

The prostate cancer screening controversy in perspective

459

The value of screening for prostate cancer is not yet proven, but the magnitude of the problem argues for action.

K.W. VAUGHN, JR.

SOUNDING BOARD

Addressing coronary heart disease risk in women

464

Coronary heart disease is common and serious in women, and deserves more attention.

N.K. WENGER

REVIEW

Avoiding adverse drug effects in elderly patients

470

A working knowledge of pharmacokinetics and pharmacodynamics pays off in avoiding adverse drug effects in vulnerable patients.

R M I FIP7IG

HEART FAILURE UPDATE

The current role of amiodarone in patients with congestive heart failure

479

Amiodarone is the antiarrhythmic agent of choice for patients with congestive heart failure, but its clinical benefit remains unproved.

D. BELLO AND B.M. MASSIE

CONTINUED ON PAGE 452



CONTINUED FROM PAGE 451

INTERNAL MEDICINE BOARD REVIEW

Movement disorder in a 56-year-old woman

491

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

K. FRANCO-BRONSON, F.J. ALARCON, AND J.H. ISAACSON

CANCER DIAGNOSIS AND MANAGEMENT

Why should cancer patients participate in clinical trials?

497

Primary care physicians can help their cancer patients decide whether to enter a clinical trial of an experimental treatment by frankly discussing the pros and cons.

M. MARKMAN

DEPARTMENTS

Dear Colleague	450
CME Calendar	490
Letters to the Editor	500
CME Credit Test	503

■ VISIT OUR WEB SITE AT HTTP://WWW.CCJM.ORG

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

UPCOMING **FEATURES**

- **Evaluating the sleepy patient** Daytime sleepiness is common and potentially serious. When should you send a patient to the sleep lab?
- Leukotriene antagonists for asthma

How do these new drugs work? How effective are they? Will they replace inhaled steroids?

Zinc lozenges and the common cold

> Some perspectives on the efficacy of zinc in treating colds.

- Colorectal cancer screening Making sense of the different guidelines for risk stratification and screening.
- Tamoxifen for breast cancer prevention

What are the risks and benefits of using tamoxifen to prevent breast cancer?

