

### **EDITORIAL STAFF**

BRIAN F. MANDELL, MD, PhD Editor-in-Chief DAVID D. K. ROLSTON, MD Deputy Editor PHILLIP E. CANUTO Executive Editor RAY BORAZANIAN Managing Editor DAVID A. HUDDLESTON Manuscript Editor IOSEPH A. PANGRACE Medical Art Directo AMY SLUGG MOORE Patient Education Editor

### PUBLISHING OPERATIONS

PETER G. STUDER Executive Publisher BRUCE M. MARICH Production Manager IRIS TRIVILINO Department Coordinator LAURIE WEISS Accountant (Billing)

### CUSTOM PROGRAMS

GLENN R. CAMPBELL Executive Editor KATHY DUNASKY Production Manager

### ASSOCIATE EDITORS

ALEJANDRO C. ARROLIGA, MD ARMAN T. ASKARI, MD DANIEL J. BROTMAN, MD WILLIAM D. CAREY, MD RUTH M. FARRELL, MD, MA GARY FRANCIS, MD KATHLEEN FRANCO-BRONSON, MD STEVEN M. GORDON, MD BRIAN GRIFFIN, MD BYRON J. HOOGWERF, MD AMIR JAFFER, MD MANDY C. LEONARD, PharmD ANGELO A. LICATA, MD, PhD ATUL C. MEHTA, MD FRANKLIN A. MICHOTA, MD ROBERT M. PALMER, MD HATAYA POONYAGARIYAGORN, MD BERNARD J. SILVER, MD RACHEL M. TALIERCIO, DO

ALEXANDRA VILLA-FORTE, MD, MPH DONALD G. VIDT, MD WILLIAM S. WILKE, MD MARC WILLIAMS, MD

### **EDITORS EMERITI**

JOHN D. CLOUGH, MD HERBERT P. WIEDEMANN, MD JAMES S. TAYLOR, MD

### CLEVELAND CLINIC

Delos M. Cosgrove, MD President and Chief Executive

### CLEVELAND CLINIC

EDUCATION INSTITUTE ANDREW J. FISHLEDER, MD

PHILLIP R. GARD Administrator

### REPRINTS: Laurie Weiss 216-444-2661 E-mail ccjm@ccf.org

Cleveland Clinic Journal of Medicine [ISSN 0891-1150 (print), ISSN 1939-2869 (online)] is published monthly by Cleveland Clinic from editorial offices at 9500 Euclid Avenue, Cleveland, OH, 44195. Periodicals postage paid at Cleveland, OH, and at additional mailing offices. POSTMASTER: Send address changes to the Cleveland Clinic Journal of Medicine, NA32, 9500 Euclid Avenue, Cleveland, OH 44195

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

SUBSCRIPTION RATES: U.S. and possessions: personal \$115; institutional \$143; single copy/back issue \$20. Foreign: \$160; 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.

SUBSCRIPTIONS, EDITORIAL, BILLING/ACCOUNTING, AND PRODUCTION: (same address as above) • Phone (216) 444-2661 • Fax (216) 444-9385 • E-mail ccjm@ccf.org • Web site 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 • E-mail joedennehy@verizon.net

AUTHORIZATION TO PHOTOCOPY items for internal or personal use is granted by the Cleveland Clinic Journal of Medicine [ISSN 0891-1150 (print), ISSN 1939-2869 (online)], published by Cleveland Clinic, provided that the appropriate fee is paid directly to Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923 USA 978-750-8400. Prior to photocopying items for educational classroom use, please contact Copyright Clearance Center, Inc., at the address above. For permission to reprint material, please fax your request with complete information to the Republication department at CCC, fax (978) 750-4470. For further information visit CCC online at www.copyright.com. To order bulk reprints, see above.

**DISCLAIMER:** The information in this educational activity is provided for general medical education purposes only and is not meant to substitute for the independent medical judgment of a physician relative to diagnostic and treatment options of a specific patient's medical condition. The viewpoints expressed in this CME activity are those of the authors. They do not represent an endorsement by The Cleveland Clinic Foundation. In no event will The Cleveland Clinic Foundation be liable for any decision made or action taken in reliance upon the information provided through this CME activity.

COPYRIGHT© 2008 THE CLEVELAND CLINIC FOUNDATION. ALL RIGHTS RESERVED. PRINTED IN U.S.A.

### Association of Medical Media



# TABLE OF CONTENTS

FROM THE EDITOR .....

### The hospital guy redux

759

In the September issue of the *Journal*, Dr. Thomas Lansdale discussed the pressures that are eroding physician-patient relationships and that can corrupt patient care. I am aware of these forces, but I remain a hospital guy because I can still make a difference.

B.F. MANDELL

### THE CLINICAL PICTURE.....

768

### A 90-year-old woman with an asymptomatic spot on her cheek

The lesion is asymmetrical and irregularly pigmented with variegated colors and ill-defined borders. What is the diagnosis?

M.F. HELM AND L. LIN

### Skin manifestations of diabetes

772

Almost all diabetic patients eventually develop skin complications from the disease itself or as a side effect of glucose-lowering drugs.

S. VAN HATTEM, A.H. BOOTSMA, AND H.B. THIO

### IM BOARD REVIEW.....



### A young pregnant woman with shortness of breath

She is 12 weeks pregnant, has had no prenatal care, and has lost 20 pounds due to nausea and vomiting. What could be the cause?

D.A. PERKINS, C. NIELSEN, AND M. FAULX

**793** 

### **Evaluation and management** of pituitary incidentalomas

A surprising number of apparently healthy people harbor unsuspected pituitary tumors, which are being discovered incidentally on computed tomography and magnetic resonance imaging.

D. SERHAL, R.J. WEIL, AND A.H. HAMRAHIAN

CONTINUED ON PAGE 756

CONTINUED FROM PAGE 755

### EDITORIAL .....

# Evolution and results of aortic valve surgery, and a 'disruptive' technology

Percutaneous aortic valve insertion is already benefitting patients who would not be able to undergo open heart surgery for valve replacement. However, the technology is still so new that we do not yet know how to define who will benefit from it.

L.G. SVENSSON



# Percutaneous treatment of aortic valve stenosis

805

802

This less-invasive approach may become an option for patients with severe symptomatic aortic valve stenosis who cannot undergo surgery.

.....

I.M. SINGH, M.H. SHISHEHBOR, R.D. CHRISTOFFERSON, E.M. TUZCU, AND S.R. KAPADIA

### CME REVIEW

# Update on constipation: One treatment does not fit all

813

Since constipation has a variety of causes and forms, one treatment does not fit all patients. Often, the key to improvement and patient satisfaction is to understand the mechanism and the patient.

A.E. FOXX-ORENSTEIN, M.A. McNALLY, AND S.T. ODUNSI

### DEPARTMENTS .....

### Letters to the Editor

### A medical center is not a hospital

762

Comments on Dr. Thomas Lansdale's provocative essay in the September 2008 issue.

### The ENHANCE trial

763

Does ezetimibe still have a role? Comments on our article in the July 2008 issue describing the surprising results of an important trial.

### CME Calendar

771

## Statement of Ownership

824

About the CME Self-test Online Inside back cover

# UPCOMING FEATURES

- The many nonmotor symptoms of Parkinson disease
- Do bisphosphonates cause osteonecrosis of the jaw? What to tell your patients
- Hepatitis B: What internists need to know
- What's new in nephrology?
- Depression and the heart: What do we know? Where are we headed?
- Carcinoid tumors: If you don't suspect them, you won't find them
- Time for improvement in Alzheimer disease
- **VISIT OUR WEB SITE AT WWW.CCJM.ORG**

