TABLE OF CONTENTS

FROM THE EDITOR

Low-tech tools, high-pressure stakes

625

Despite the many ways to introduce inaccuracies in lowtech cuff measurements of blood pressure, the benefits of treating high blood pressure diagnosed this way can be great.

B.F. MANDELL



THE CLINICAL PICTURE.....

A 19-vear-old man with progressive lung infiltrates

635

After undergoing induction chemotherapy for acute myeloid leukemia, he developed fever, lung infiltrates, and severe neutropenia. What is the most likely cause?

A.R. TONELLI AND E.L. OLSON

THE CLINICAL PICTURE.....

Pleural effusion from a candy wrapper

639

A 60-year-old man presents with worsening shortness of breath and productive cough. Flexible bronchoscopy reveals the surprising cause.

S.A. ANTOUN AND E. WEHBE



Current therapies to shorten postoperative ileus

641

Rather than merely wait for bowel sounds to return after patients undergo surgery, we can try to get the gut working again sooner.

M.D. JOHNSON AND R.M. WALSH



Managing diabetes in hemodialysis patients: Observations and recommendations

649

Both uremia and dialysis can complicate glycemic control by affecting the secretion, clearance, and peripheral tissue activity of insulin.

K. SHRISHRIMAL, P. HART, AND F. MICHOTA

CONTINUED ON PAGE 624



EDITORIAL STAFI

BRIAN F. MANDELL, MD, PhD Editor-in-Chief TIMOTHY GILLIGAN, MD, MS Deputy Editor PHILLIP E. CANUTO Executive Editor RAY BORAZANIAN Managing Editor DAVID A. HUDDLESTON Manuscript Editor JOSEPH A. PANGRACE Medical Art Director AMY SLUGG MOORE Patient Education Editor

PUBLISHING OPERATIONS

PETER G. STUDER Executive Publisher
KRISTI THOMSEN Exec. Editor, Special Assignments
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 ALFIANDRO C ARROLIGA MD

ARMAN T. ASKARI, MD DANIEL J. BROTMAN, MD WILLIAM D. CAREY, MD JERIMIAH P. DEPTA, MD RUTH M. FARRELL, MD, MA GARY FRANCIS, MD KATHLEEN FRANCO-BRONSON, MD STEVEN M. GORDON, MD BRIAN GRIFFIN, MD AMIR JAFFER, MD MANDY C. LEONARD, PharmD ANGELO A. LICATA, MD, PhD ATUL C. MEHTA, MD FRANKLIN A. MICHOTA, MD CHRISTIAN NASR, MD ROBERT M. PALMER, MD JOSHUA D. PENFIELD, MD DAVID D. K. ROLSTON, MD BERNARD J. SILVER, MD

TYLER STEVENS, MD

THEODORE SUH, MD, PhD, MHSc 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
Officer

CLEVELAND CLINIC **FDUCATION INSTITUTE** JAMES K. STOLLER, MD, MS

PHILLIP R GARD

REPRINTS: Hope Robinson, Sheridan Content Services 800-635-7181 ext. 8065; E-mail hrobinson@tsp.sheridan.com

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,

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), granted by the Cleveand Clinic Journal of Medicine [DSN 0931-1130 uprill], 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) 55.0.4470. For turber information visit CCC online at Many Congrided Com. To 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 treat-ment 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® 2009 THE CLEVELAND CLINIC FOLINDATION ALL RIGHTS RESERVED PRINTED IN LLS A





CONTINUED FROM PAGE 620

MEDICAL GRAND ROUNDS.....



Beyond office sphygmomanometry: 657 Ways to better assess blood pressure

Several new devices provide more information than does traditional sphygmomanometry about the patient's true hypertensive status, blood pressure control, and risk of end-organ damage.

M. RAFEY

CME REVIEW

Dual antiplatelet therapy in coronary artery disease: A case-based approach

Many patients need the combination of aspirin and clopidogrel (Plavix) or prasugrel (Effient) to reduce their risk of cardiovascular events, as shown in recent trials.

C. RAYMOND AND V. MENON

DEPARTMENTS

Letters to the Editor 629

Readers comment on how vitamin D deficiency may affect oral health in menopause (August 2009), and on whether drugs for prostate cancer prevention are equivalent (August 2009).

CME calendar 634

Statement of ownership 670

About our CME self-test online

To receive CME credit, read the selected articles in this issue and then go online to take the test. It should take about 1 hour and 30 minutes to complete this activity. Release date: November 1, 2009. Expiration date: October 31, 2010

SIGN UP FOR e-TOC ALERTS

To sign up for free e-mail Table of Contents alerts, go to *Cleveland Clinic Journal of Medicine's* home page (www.ccjm.org) and click on "ALERTS."

UPCOMING FEATURES

- Preventing toxicity from acetaminophen
- An algorithm for managing warfarin resistance

663

671

- Managing fragility fractures in kidney patients: Evidence and opinion
- Food allergies and eosinophilic esophagitis: What to avoid
- Is the combination of ACE inhibitors and ARBs better than either agent alone?
- Acute pancreatitis: Heeding current treatment guidelines
- Myelodysplastic syndrome, a heterogeneous group of disorders

