

TABLE OF CONTENTS

FROM THE EDITOR

The battle of the clot

80

In this issue we review two situations in which low-molecular-weight heparins have special advantages: in pregnant women and in patients with cancer.

B.F. MANDELL

THE CLINICAL PICTURE

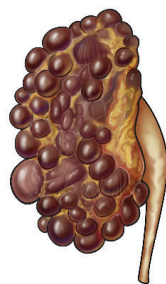
A facial cutaneous horn

92

A healthy 84-year-old woman has an asymptomatic lesion on her cheek that has grown progressively over the past 10 months. What is it?

S. VAÑO-GALVÁN, A. MARQUÉS, E. MUÑOZ-ZATO, AND P. JAÉN

MEDICAL GRAND ROUNDS



Autosomal dominant polycystic kidney disease: Emerging concepts of pathogenesis and new treatments

97

Some of the mystery of autosomal dominant polycystic kidney disease is starting to clear. As a result, some promising new treatments are in clinical trials.

W.E. BRAUN



IMAGING IN PRACTICE

Role of barium esophagography in evaluating dysphagia

105

A 55-year-old woman presents with an intermittent sensation of food getting stuck in her mid to lower chest. How should her symptoms best be evaluated?

B.C. ALLEN, M.E. BAKER, AND G. W. FALK



MEDICAL PROBLEMS IN PREGNANCY

Anticoagulants and pregnancy: When are they safe?

113

Thrombotic risk is higher in pregnancy, and some women need anticoagulant therapy. Unfractionated heparin and low-molecular-weight heparins are effective and safe, with caveats.

P.S. GIBSON AND R. POWRIE

CONTINUED ON PAGE 76

CLEVELAND CLINIC JOURNAL OF MEDICINE

EDITORIAL STAFF

BRIAN F. MANDELL, MD, PhD *Editor-in-Chief*
 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

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
 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 Officer

CLEVELAND CLINIC
 EDUCATION INSTITUTE
 ANDREW J. FISHLER, MD
Chairman
 PHILLIP R. GARD
Administrator

REPRINTS: Laurie Weiss 216-444-2661 E-mail ccjm@ccl.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@ccl.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 jdennehy@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 Reproduction 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 © 2009 THE CLEVELAND CLINIC FOUNDATION. ALL RIGHTS RESERVED. PRINTED IN U.S.A.

AMM



CONTINUED FROM PAGE 74

CME CREDIT REVIEW 129

Cancer and clots: All cases of venous thromboembolism are not treated the same

Idiopathic venous thromboembolism can be the first sign of cancer, although how extensively one should search for cancer in these cases is not clear.

B. BABU AND T.L. CARMAN

CME CREDIT MEDICAL GRAND ROUNDS 137

Lupus update: Perspective and clinical pearls

Patients with systemic lupus erythematosus have a markedly better survival rate today, but they face a greater risk of cancer, cardiovascular disease, and osteoporosis at early ages.

S. MANZI

DEPARTMENTS

Letters to the editor

Intensive therapy of type 2 diabetes (ACCORD trial) 83

Long QT syndrome 87

CME Calendar 90

Correction: Managing hepatitis B 128

Correction to Elgouhari HM, Abu-Rajab Tamimi TI, Carey W. Hepatitis B: A strategy for evaluation and treatment. *Cleve Clin J Med* 2009; 76:19–35.

2008 Reviewers 136

About our CME Self-test Online 143

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

UPCOMING FEATURES

- Update in diagnosis of acute MI
- What workup for a palpable breast mass?
- Psychiatric symptoms in dementia: Treatable, but no silver bullets
- Optic neuritis: A harbinger of MS
- Diseases you can catch from pet birds
- How omega-3 fatty acids improve heart health
- Issues in advance care planning
- Recurrent thromboembolism: Could it be cancer?



DEDICATED TO LIFELONG LEARNING
CLEVELAND CLINIC JOURNAL OF MEDICINE