

EDITORIAL STAFF

Editor: George D. Lundberg, MD
Deputy Editor: Richard M. Glass, MD
Deputy Editor (West): Drummond Rennie, MD
Senior Editors: Phil B. Fontanarosa, MD, Margaret A. Winker, MD
Senior Contributing Editor: M. Therese Southgate, MD
Contributing Editors: Charles B. Clayman, MD, Helene M. Cole, MD, Thomas B. Cole, MD, MPH, David S. Cooper, MD, David H. Mark, MD, MPH, Harriet S. Meyer, MD, Carin M. Olson, MD, Jeanette M. Smith, MD, Jody W. Zyke, MD
Consulting Editor: Robert A. Clark, MD
Statistical Editor: Naomi Vaisrub, PhD
Associate Senior Editor: Annette Flanagan
Associate Editors: Charlene Breedlove, Roxanne K. Young
Fishbein Fellow: Ronna Henry Siegel, MD
Medical News & Perspectives: Marsha F. Goldsmith (editor); Charles Marwick, Andrew Skolnick, Joan Stephenson, PhD, Rebecca Voelker (associate editors)
Assistant Editors: Brian P. Pace, Juliana M. Walker

EDITORIAL BOARD

Daniel M. Albert, MD, Madison, Wis
 Kenneth A. Arndt, MD, Boston, Mass
 H. David Banta, MD, Amsterdam, the Netherlands
 Jack D. Barchas, MD, New York, NY
 Michael Berger, MD, Düsseldorf, Germany
 Robert J. Blendon, ScD, Boston, Mass
 Marjorie A. Bowman, MD, MPA, Philadelphia, Pa
 Deborah J. Cook, MD, Hamilton, Ontario, Canada
 James E. Dalen, MD, Tucson, Ariz
 Catherine D. DeAngelis, MD, Baltimore, Md
 Lois DeBaakey, PhD, Houston, Tex
 Ronald G. Evens, MD, St Louis, Mo
 William H. Foegen, MD, Atlanta, Ga
 Michael E. Johns, MD, Atlanta, Ga
 Colin I. Johnston, MB,BS, Melbourne, Australia
 Max Just, MD, Basel, Switzerland
 Donald A. B. Lindberg, MD, Bethesda, Md
 William W. McLendon, MD, Chapel Hill, NC
 Quan Dong Nguyen, MD, Boston, Mass
 Claude H. Organ, Jr, MD, Oakland, Calif
 Michael Peckham, MB, MD, London, England
 Edmund D. Pellegrino, MD, Washington, DC
 Reed E. Pyeritz, MD, PhD, Pittsburgh, Penn
 Uwe E. Reinhardt, PhD, Princeton, NJ
 Povl Riss, MD, Copenhagen, Denmark
 Roger N. Rosenberg, MD, Dallas, Tex
 Masaaki Terada, MD, Tokyo, Japan

INTERNATIONAL ADVISORY COMMITTEE

Bassel Atallah, MD, JAMA—Middle East
 Mauro Bologna, MD, JAMA—Italy
 Miguel Vigeant Gomes, MD, JAMA—Portugal
 Yulchiro Goto, MD, JAMA—Japan
 Evin Kantemir, MD, JAMA—Turkey
 A. J. Khan, SI, FRCP, JAMA—Pakistan
 Jin-Pok Kim, MD, JAMA—Korea
 C. R. Kumana, MBBS, JAMA—Southeast Asia
 Li Chengyi, MD, JAMA—China
 Alexandra Livaditou, MD, JAMA—Greece
 Maria S. P. da Silva, MD, JAMA—Brazil
 Miguel Vilardell Tarres, MD, JAMA—Spanish Language
 Ivan Vidmar, MD, JAMA—Slovenia
 Jiří Widimský, MUDr, DrSc, JAMA—Czech/Slovak

JAMA (ISSN 0098-7484) is published weekly by the American Medical Association, except for 4 combined issues in months with 5 Wednesdays. Address: 515 N State St, Chicago, IL 60610.

SUBSCRIPTION RATES—The subscription rate for AMA members (\$20 per year) is included in and is not deductible from the annual AMA membership dues. The annual subscription rates for nonmembers are \$130 in the United States and US possessions, \$170 in the Americas, and £113 outside the Americas. The rate for nonmember medical students and resident physicians is \$87.50 in the United States. The annual institution rates are \$175 in the United States, \$220 in the Americas, and £152 outside the Americas. Address all subscription communications to: Subscriber Services Center, American Medical Association, PO Box 10946, Chicago, IL 60610-0946. Phone: (800) 262-2350; Fax: (312) 464-5831; e-mail: ama-sub@ama-assn.org.

CHANGE OF ADDRESS—POSTMASTER, send all address changes to: JAMA, The Journal of the American Medical Association, attention: Subscription Department, PO Box 10946, Chicago, IL 60610. Notification of address change must be made at least 6 weeks in advance; include both old and new addresses and a recent mailing label. Periodicals postage paid at Chicago and at additional mailing offices. GST Registration Number: 12622 5556 RT.

JAMA® Registered in the US Patent and Trademark Office.
 Copyright© 1997 by the American Medical Association



Original Contributions

- Dual Effects of Weight and Weight Gain on Breast Cancer Risk** 1407
 Z. Huang, S. E. Hankinson, G. A. Colditz, M. J. Stampfer, D. J. Hunter, J. E. Manson, C. H. Hennekens, B. Rosner, F. E. Speizer, W. C. Willett, Boston, Mass
- The Relationship Between Patient Income and Physician Discussion of Health Risk Behaviors** 1412
 D. A. Taira, D. G. Safran, T. B. Seto, W. H. Rogers, A. R. Tarlov, Boston, Mass
- The Cost-effectiveness of Air Bags by Seating Position** 1418
 J. D. Graham, K. M. Thompson, S. J. Goldie, M. Segui-Gomez, M. C. Weinstein, Boston, Mass

Preliminary Communication

- Effects of Aerosolized Surfactant in Patients With Stable Chronic Bronchitis: A Prospective Randomized Controlled Trial** 1426
 A. Anzueto, San Antonio, Tex; A. Jubran, Hines, Ill; J. A. O'har, St Louis, Mo; C. A. Piquette, S. I. Rennard, Omaha, Neb; G. Colice, St Paul, Minn; E. N. Pattishall, J. Barrett, Research Triangle Park, NC; M. Engle, K. A. Perret, San Antonio, Tex; B. K. Rubin, St Louis, Mo

Special Communication

- Assessing Differences in Clinical Trials Comparing Surgical vs Nonsurgical Therapy: Using Common (Statistical) Sense** 1432
 G. Howard, Winston-Salem, NC; L. E. Chambless, Chapel Hill, NC; R. A. Kronmal, Seattle, Wash

Brief Report

- Reductions in Deaths in Frontal Crashes Among Right Front Passengers in Vehicles Equipped With Passenger Air Bags** 1437
 E. R. Braver, S. A. Ferguson, M. A. Greene, A. K. Lund, Arlington, Va

The Rational Clinical Examination

- Does This Patient Have Community-Acquired Pneumonia? Diagnosing Pneumonia by History and Physical Examination** 1440
 J. P. Metlay, Boston, Mass; W. N. Kapoor, M. J. Fine, Pittsburgh, Pa

Commentary

- Wanted: A Clearly Articulated Social Ethic for American Health Care** 1446
 U. E. Reinhardt, Princeton, NJ

Editorials

- Weight and Risk for Breast Cancer** 1448
 J. L. Kelsey, Stanford, Calif; J. Baron, Hanover, NH
- New in JAMA—Reader's Choice CME** 1449
 T. B. Cole, Chicago, Ill

The Cover 1388

Esther Heins, *Maranta leuconeura var erythronera (Crimson-Veined Prayer Plant)* J. Leet

Abstracts 1388 aa

(Table of Contents continued on next page.)

Medical News & Perspectives 1389

Medical Journals Turn Gaze Inward to Examine Process of Peer Review . . .
Drug Ad 'Data on File' Need Scrutiny . . . Guidelines Issued for Treatment of Ureteral Calculi . . .
Assessment of Exception to Informed Consent . . .

From the Food and Drug Administration 1394

New Requirements for Labeling of Dietary Supplements . . . Proposed Rule on Women
in Clinical Trials . . . Education Program for Reducing Risks With Unpasteurized Juices . . .
Workshop on Minimizing Medical Product Errors

From the Centers for Disease Control and Prevention 1395

Self-Reported Use of Mammography Among Women Aged ≥40 Years—United States,
1989 and 1995 . . . Progress Toward Global Measles Control and Elimination, 1990-1996

A Piece of My Mind

Chaos, and the Limits of Modern Medicine J. S. Goodwin 1399

Poetry and Medicine 1400

Dutch Landscape R. Jacobstein

Letters 1401

Thrombolytic Therapy for Elderly Patients With Myocardial Infarction S. Dave; R. Bernabei,
G. Zuccalà, P. Carbonin; H. M. Krumholz; J. H. Gurwitz

Investigational Treatments: Process, Payment, and Priorities R. A. P. Burt; P. G. Goldschmidt,
G. P. Monaco; K. J. Meador; R. Priestner, D. E. Vawter, K. G. Gervais; D. M. Eddy

Eradicating *Legionella* From Hospital Water J. E. Stout, V. L. Yu;
A. E. Fiore, J. L. Kool, J. Carpenter, J. C. Butler

'Z-Pak' vs Ice Pack: Need for Clarity and Continuous Quality Assurance C. Lawyer, J. Despot;
P. Byrns, J. Cranston

Summertime Cluster of Intentional Ethylene Glycol Ingestions
J. B. Leikin, T. Toerne, A. Burda, K. McAllister, T. Erickson

Pulse 1451

The Next Paradigm in Health Care . . . Wall Street's Role in Driving Change
in Health Care Services . . . New Health Care Companies: Putting Physicians in Control . . .
1998 John Conley Ethics Essay Contest for Medical Students . . . The Industrialization of Health Care

Readers' Guide to JAMA 1458 c

Resident Forum 1458 d

Physician Exodus From Canada S. Robertson

JAMA 100 Years Ago 1458 I

The Evils of Tea-Drinking.

Books, Journals, New Media 1459

H (Shepard) Reviewed by E. J. Mikkelsen

Interpretation of Diagnostic Tests (Wallach) Reviewed by S. B. Chandor

Inflammatory Bowel Diseases (Allan et al) Reviewed by N. J. Greenberger

Evidence-Based Medicine (Haynes, Sackett, eds) Reviewed by O. T. Fein, M. E. Funk

The McGill Journal of Medicine (MJM) (Goldenberg, ed) Reviewed by G. H. Starich, J. S. Zenan

The Panorama of Vesalius: A 'Lost' Design From Titian's Studio Comment by L. R. Kirkland

Books, Journals, New Media Received

Classified Advertising and Announcements 1466 g

Index to Advertisers 1466 v

JAMA Journal Club Reading Assignments 1466 v

Reference Directories

Organizations of Medical Interest July 9, 1997;

State Medical Associations and Examinations and Licensure July 23/30, 1997;

I. Meetings in the United States . . . II. International Meetings August 13, 1997

JAMA Instructions for Authors See July 2, 1997, p 68.

JAMA Reader's Choice: Continuing Medical Education 1465



The Journal of the American Medical Association

SCIENTIFIC INFORMATION AND MULTIMEDIA STAFF

Medical News and New Media Division: William M. Silberg (editorial director); Marty Suter (associate editor); Deborah Flapan, Neal Shankman (assistant editors); Maria A. Hall (staff assistant)
Editorial Systems and Administration: Elaine Williams (director), Vee Bailey (electronic input supervisor), Lenette Gardner-Gullens (electronic input specialist)

Administrative Assistant: Helga Fritz
Editorial Assistants: Patricia Joworski, Gale Saulsberry (group supervisors); Kimberly Evans (letters coordinator); Linda Baker, Mary Cannon, Susan Collister, Shirley Gogins, Gwenn Gregg, Lisa Hardin, Carmina Landeros, Mary Ann Lilly, Christina Myers, Ethel Pinkston, Raul Serrato, Gloria Tate

Editorial Processing Division: Cheryl Iverson (director), Diane L. Cannon (freelance manager), Sandra E. Hazel (freelance coordinator), Paul Frank (electronic editing specialist)

Copy Editing: Laura King (director); Susan R. Benner, Jane C. Lantz (senior copy editors); Coleen Adamson, Bill Clements, Susan Goeks

PRODUCTION AND DISTRIBUTION STAFF

Production and Distribution Division: Vanessa Hayden (director), Bonnie Van Clevon (manager, budgets and costs), Karen Adams-Taylor (director, advertising and production), Linda Knott (director, electronic production), Mary Ellen Johnston (electronic coordinator), Kathy Gayda (indexer), Melanie Parenti, Vincent Tafoya (database assistants)

Managers: Phil Arko (composition and pagination), Teresa Omietek (proofreading), Carole Piszker (advertising), Susan Price (print production), Charl Richey (color and graphics)

Proofreaders: David Antos, Daniel James, Mary Kay Tinerella, Barbara Wojtowicz

Production Associates and Operators: Joseph Amft, Gail Barrett, Karen Branham, Debbie Camp, Brenda Chandler-Haynes, La'son J. Diggs, Shannon Epplett, Betty Frigerio, Mari Guizzetti, Ellen Gundersen, Mary Ann Kuranda, Sandra Lopez, Sarah Powell, Jeni Reiling, Chad Sanderson, Mary Ann Schultz, Camela Ware, JoAnne Weiskopf, Alicja Wojcik-Dunn

Production Assistants: Ruth Sprague, Jo Anne Turner

CIRCULATION AND MARKETING STAFF

Circulation Processing: Beverly Martin (director)
Licensing and Permissions: Norman Frankel (director), Ada Jimenez-Walker (permissions)
Reprint Coordinator: Joseph Reakash

AMA Officers

President: Percy Wootton, MD*
President-Elect: Nancy W. Dickey, MD*
Immediate Past President: Daniel H. Johnson, Jr, MD
Secretary-Treasurer: D. Ted Lewers, MD*
Speaker, House of Delegates: Richard F. Corlin, MD
Vice-Speaker, House of Delegates: John A. Knots, MD

AMA Trustees

Herman I. Abramowitz, MD; Regina M. Benjamin, MD (Young Physician); Yank D. Coble, Jr, MD*; Timothy T. Flaherty, MD*; Palma E. Formica, MD; J. Edward Hill, MD; William E. Jacott, MD; D. Ted Lewers, MD*; William H. Mahood, MD; John C. Nelson, MD; Donald J. Palmisano, MD, JD; Pamela Petersen-Crair (Student); Thomas R. Reardon, MD* (Chair); Randolph D. Smock, Jr, MD* (Vice Chair); Andrew M. Thomas, MD (Resident)

*Executive Committee.

AMA EXECUTIVE STAFF

Executive Vice President: P. John Seward, MD
Acting Chief Operating Officer: Lynn Jensen, PhD
Editor in Chief, Scientific Information and Multimedia: George D. Lundberg, MD
Vice President, Publishing: Robert L. Kennett
Publisher: Peter J. Murphy

ADVERTISING OFFICES—Eastern: 119 Cherry Hill Rd, 3rd Floor, Parsippany, NJ 07054 (Representatives: Alice H. Herman, Stuart H. Williams [201-263-9191]); **Midwest/Farwest:** 515 N State St, Chicago, IL 60610 (Representative: Jeffrey J. Bonistalli [312-464-2551]); **Classified Advertising:** 312-464-2456

ADVERTISING PRINCIPLES—Advertisements in this issue have been reviewed to comply with the principles governing advertising in AMA publications. A copy of these principles is available on request. The appearance of advertising in AMA publications is not an AMA guarantee or endorsement of the product or the claims made for the product by the manufacturer.

MANUSCRIPT SUBMISSION—Send manuscripts to the Editor, George D. Lundberg, MD, JAMA, 515 N State St, Chicago, IL 60610.

All articles published, including editorials, letters, and book reviews, represent the opinions of the authors and do not reflect the official policy of the American Medical Association or the institution with which the author is affiliated, unless this is clearly specified.