

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, Harriet S. Meyer, MD, Carin M. Olson, MD, Jeanette M. Smith, MD, Jody W. Zyke, MD
Consulting Editors: Roger C. Bone, MD, Robert A. Clark, MD
Statistical Editor: Naomi Vaisrub, PhD
Associate Senior Editor: Annette Flanagan
Associate Editors: Charlene Breedlove, Roxanne K. Young
Fishbein Fellow: David H. Mark, MD, MPH
Medical News and Humanities: Phil Gunby (director)
Medical News & Perspectives: Marsha F. Goldsmith (editor); Charles Marwick, Andrew Skolnick, Joan Stephenson, PhD, Rebecca Voelker (associate editors)
Assistant Editors: Brian P. Pace, Kate Whetzle

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
 Robert J. Blendon, ScD, Boston, Mass
 Marjorie A. Bowman, MD, MPA, Philadelphia, Pa
 James E. Dalen, MD, Tucson, Ariz
 Catherine D. DeAngelis, MD, Baltimore, Md
 Lois DeBakey, PhD, Houston, Tex
 Ronald G. Evens, MD, St Louis, Mo
 William H. Foege, MD, Atlanta, Ga
 Michael E. Johns, MD, Atlanta, Ga
 Collin I. Johnston, MB,BS, Melbourne, Australia
 Robert J. Joynt, MD, PhD, Rochester, NY
 Max Just, MD, Basel, Switzerland
 Donald A. B. Lindberg, MD, Bethesda, Md
 William W. McLendon, MD, Chapel Hill, NC
 Arno G. Motulsky, MD, Seattle, Wash
 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
 Uwe E. Reinhardt, PhD, Princeton, NJ
 Povl Riis, MD, Copenhagen, Denmark
 Wolf-J. Stelter, MD, Frankfurt, Germany
 Masaaki Terada, MD, Tokyo, Japan

INTERNATIONAL ADVISORY COMMITTEE

Bassel Atallah, MD, JAMA—Middle East
 Demetre I. Athanasiadis, MD, JAMA—Greece
 Mauro Bologna, MD, JAMA—Italy
 Miguel Vigeant Gomes, MD, JAMA—Portugal
 Yuichiro 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
 Maria S. P. da Silva, MD, JAMA—Brazil
 Miguel Vilardell Tarres, MD, JAMA—Spanish Language
 Ivan Vidmar, MD, JAMA—Slovenia
 Jiří Widimský, MD, 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

- Adherence to National Cholesterol Education Program Treatment Goals in Postmenopausal Women With Heart Disease: The Heart and Estrogen/Progestin Replacement Study (HERS)** 1281
 H. G. Schrott, Iowa City, Iowa; V. Bittner, Birmingham, Ala; E. Vittinghoff, San Francisco, Calif; D. M. Herrington, Winston-Salem, NC; S. Hulley, San Francisco, Calif; for the HERS Research Group
- Physical Activity and Mortality in Postmenopausal Women** 1287
 L. H. Kushi, R. M. Fee, A. R. Folsom, P. J. Mink, K. E. Anderson, T. A. Sellers, Minneapolis, Minn
- End-stage Renal Disease in African-American and White Men: 16-Year MRFIT Findings** 1293
 M. J. Klag, P. K. Whelton, Baltimore, Md; B. L. Randall, J. D. Neaton, Minneapolis, Minn; F. L. Brancati, Baltimore, Md; J. Stamler, Chicago, Ill

Clinical Investigation

- Patterns of Orthostatic Blood Pressure Change and Their Clinical Correlates in a Frail, Elderly Population** 1299
 W. L. Ooi, S. Barrett, M. Hossain, M. Kelley-Gagnon, L. A. Lipsitz, Boston, Mass

Brief Report

- Ethnic Distribution of Factor V Leiden in 4047 Men and Women: Implications for Venous Thromboembolism Screening** 1305
 P. M. Ridker, Boston, Mass; J. P. Miletič, St Louis, Mo; C. H. Hennekens, J. E. Buring, Boston, Mass

Clinical Crossroads

- A 21-Year-Old Woman With Menstrual Irregularity** 1308
 A. Davis, Boston, Mass
- A 76-Year-Old Woman Considering Total Hip Replacement, 1 Year Later** 1314
 J. Daley, T. L. Delbanco, E. E. Hartman, Boston, Mass

Commentary

- Improving the Scientific Misconduct Hearing Process** 1315
 D. M. Parrish, Pittsburgh, Pa

Editorial

- Treatment of Hypercholesterolemia in Women: Equality, Effectiveness, and Extrapolation of Evidence** 1320
 T. A. Pearson, M. Myerson, New York, NY

Poetry and Medicine 1263

Flowers After Surgery K. Weber

The Cover 1264

Sir Thomas Lawrence, Sarah Barrett Moulton: "Pinkie" K. Whetzle

Readers' Guide to JAMA 1264 f

Abstracts 1264 h

Medical News & Perspectives 1265

'Doing What Is Best for Patients': A Sesquicentennial Rededication . . . Hepatitis C Is Focus of NIH Consensus Panel . . . Miscellanea Medica

Quick Uptakes . . . 1270

Air Bags and Eye Injuries . . . Echocardiography Guidelines . . . Concussion Management . . . Less Chronic Disability . . . HIV Vaccine Innovations . . . Making the Grade in School Health

From the Centers for Disease Control and Prevention 1271

Hepatitis A Associated With Consumption of Frozen Strawberries—Michigan, March 1997 . . . *Candida albicans* Endocarditis With a Contaminated Aortic Valve Allograft—California, 1996 . . . Outbreak of Aseptic Meningitis—Whiteside County, Illinois, 1995

JAMA Instructions for Authors 1274

Letters 1275

The Dueling Diagnoses of Darwin J. Alder; R. Colp, Jr; G. M. FitzGibbon; A. G. Gordon; T. J. Barloon, R. Noyes, Jr
Cost of Drugs in Australia's Pharmaceutical Benefit Scheme R. A. Derby; J. A. Peabody, S. R. Bichel, J. S. Lawson
The Infant Health and Development Program: Results at 8 Years A. A. Baumeister, V. R. Bacharach, M. C. Carr; C. M. McCarton
Alcohol-Impaired Driving: The Family's Tragedy and the Public's Health B. Templetton; M. K. Robberstad; R. D. Brewer, P. Z. Siegel, A. H. Mokdad, M. Serdula, S. Liu, D. Sleet

Corrections 1280

Incorrect Wording Crack vs Inhaled Cocaine and Sentencing
Incorrect Legend The 1996 Paralympics: 'Triumph of the Human Spirit'

Resident Forum 1322

Today's Medical Marriage, Part 2 W. M. Sotile, M. O. Sotile

Obituary 1323

Lloyd Jackson Filer, Jr, MD, PhD

Obituary Listing 1323 a

JAMA 100 Years Ago 1324

Periodicity, A Physiologic Law in the Male Sex as Well as in the Female.

. . . In Perspective 1325

Male Reproductive Science When Darwin Ruled and Victoria Reigned R. L. Martensen, D. S. Jones

Books, Journals, New Media 1326

The Authoritarian Specter (Altemeyer) Reviewed by T. H. Lewis
Surgery: Scientific Principles and Practice (Greenfield et al, eds) . . . **Review for Surgery: Scientific Principles and Practice** (Greenfield et al, eds) Reviewed by A. M. Collier
On the Ledge: A Doctor's Stories From the Inner City (Skolnik) Reviewed by B. Z. Paulshock
Crossing Frontiers: Gerontology Emerges as a Science (Achenbaum) Reviewed by D. H. Solomon
Reproductive Endocrinology, Surgery and Technology (Adashi et al, eds) Reviewed by I. E. Thompson
Caring for the Future: Making the Next Decades Provide a Life Worth Living (Independent Commission on Population and Quality of Life) Reviewed by M. K. Elmore-Meegan
Our Children's Toxic Legacy: How Science and Law Fail to Protect Us From Pesticides (Wargo) Reviewed by R. H. Sprinkle
Books, Journals, New Media Received

Physician Recruitment Advertising and Announcements 1332 h

Index to Advertisers 1332 t

JAMA Journal Club Reading Assignments 1332 t

Reference Directories 1332 t

Organizations of Medical Interest January 15, 1997;
State Medical Associations and Examinations and Licensure January 22/29, 1997;
I. Meetings in the United States . . . II. International Meetings April 9, 1997

Downloaded from www.jama.com on December 7, 2009



The Journal of the American Medical Association

SCIENTIFIC INFORMATION AND MULTIMEDIA STAFF

New Media: William M. Silberg (editorial director), Marty Suter (assistant editor), Marla A. Hall (staff assistant)
Editorial Systems and Administration: Elaine Williams (director), Vee Bailey (electronic input specialist)
Administrative Assistant: Helga Fritz
Editorial Assistants: Patricia Joworski, Gale Saulsberry, Juliana Walker (group supervisors); Kemberly Evans (letters coordinator); Linda Baker, Mary Cannon, Lenette Gardner, Shirley Gogins, Gwenn Gregg, Lisa Hardin, Sharon Iverson, Mary Ann Lilly, Christina Myers, Ethel Pinkston, Raul Serrato, Gloria Tate
Editorial Processing Division: Cheryl Iverson (director), Diane L. Cannon (freelance manager), Pete Johnie (assistant freelance coordinator), Paul Frank (senior copy editor/Atex specialist)
Copy Editors: Jane C. Lantz (director), Susan R. Benner (senior copy editor), Fiona M. Bruce, Bill Clements, Deborah Flapan, Susan Goeks

PRODUCTION AND DISTRIBUTION STAFF

Production and Distribution Division: Mary C. Steermann (director), Bonnie Van Clevan (manager, budgets and costs), Vanessa Hayden (director, advertising and production), Linda Knott (director, electronic production), Mary Ellen Johnston (electronic coordinator), Melanie Parenti (database assistant)
Managers: Susan Price (print production), Teresa Omietek (proofreading), Carole Piszker (advertising), Charl Richey (color and graphics), Sandra Lopez (composition and pagination)
Proofreaders: David Antos, Daniel James, Martha Kerr, Mary Kay Tinerella
Production Associates and Operators: Karen Adams-Taylor, Joseph Amit, Gail Barrett, Karen Branham, Debbie Camp, Brenda Chandler-Haynes, Michael L. Culbert, Betty Frigero, Mari Guizzetti, Ellen Gundersen, Mary Ann Kuranda, Sarah Powell, Jeni Reiling, Mary Ann Schultz, JoAnne Weiskopf, Alicja Wojcik-Dunn
Production Assistants: Ruth Sprague, Jo Anne Turner
CIRCULATION AND MARKETING STAFF
Circulation Processing: Beverly Martin (director)
Circulation Development: Ann Westerbeke (director)
Licensing and Permissions: Norman Frankel (director), Kathy Gaydar (indexing), Ada Jimenez-Walker (permissions)
Reprint Coordinator: Joseph Reakash

AMA Officers
President: Daniel H. Johnson, Jr, MD*
President-Elect: Percy Wootton, MD*
Immediate Past President: Lonnie R. Bristow, MD
Secretary-Treasurer: Randolph D. Smoak, Jr, MD*
Speaker, House of Delegates: Richard F. Corlin, MD
Vice-Speaker, House of Delegates: John A. Knotte, MD

AMA Trustees
Regina M. Benjamin, MD (Young Physician); Yank D. Coble, Jr, MD; Nancy W. Dickey, MD* (Chair); Timothy T. Flaherty, MD*; Palma E. Fornica, MD; Michael S. Goldrich, MD (Resident); 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* (Vice-Chair); Randolph D. Smoak, Jr, MD*
*Executive Committee.

AMA EXECUTIVE STAFF
Executive Vice President: P. John Seward, MD
Deputy Executive Vice President: Kenneth E. Monroe
Group Vice President, Business and Management Services: James F. Rappel
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 Road, 3rd Floor, Parsippany, NJ 07054 (Representatives: Alice H. Herrman, Stuart H. Williams [201-263-9191]); **Midwest/Farwest:** 515 N State St, Chicago, IL 60610 (Representative: Jeffery J. Bonistalli [312-464-2551]); **Physician Recruitment 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.