


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, David S. Cooper, MD, Harriet S. Meyer, MD, Carin M. Olson, MD, Jeanette M. Smith, MD, Jody W. Zylke, MD
Consulting Editors: Roger C. Bone, MD, C. Thomas Caskey, MD
Statistical Editor: Naomi Vaisrub, PhD
Associate Senior Editor: Annette Flanagin
Associate Editors: Charlene Breedlove, Roxanne K. Young
Fishbein Fellow: Leo Manack, MD
Medical News and Humanities Director: Phil Gunby
Medical News & Perspectives—Editor: Marsha F. Goldsmith;
Associate Editors: Paul Cotton, Charles Marwick (Washington, DC), Andrew Skolnick, Rebecca Voelker
National Correspondent: Dennis L. Breo
Editorial Systems and Administration Manager: Elaine Williams
Production & Distribution Director: Carl Braun
Production Manager: Susan Price
Electronic Production Director: Mary C. Steermann
Editorial Processing Director: Cheryl Iverson
Circulation Director: Beverly Martin
Assistant Editors: Kate Whetzle, Helga Wutz
Staff Assistant: Bonnie Van Clevon
Electronic Coordinator: Mary Ellen Johnston
Production Supervisors: Thomas J. Handrigan (Color), Jaye Matthews (Electronic Production), Teresa H. Omiotek (Proofreading), Charl Richey-Davis (Design, Layout), JoAnne Weiskopf (Graphics)
Copy Editing: Jane C. Lantz (Director), Vickey Golden (Freelance Manager), Richard T. Porter (Assistant Freelance Coordinator), Paul Frank (Senior Copy Editor/Atex Specialist), Jennifer Sperry (Senior Copy Editor), Susan R. Benner, Pete Johlle, Kris A. Mainellis, Martin Suter
Proofreading: Gwen Chaffin, Daniel James, Laura King
Production Associates: Anita J. Jackson, Linda Knott
Senior Production Assistants: Valerie Balkcom, Gail Barrett, Karen Branham, Brenda Chandler-Haynes, Leslie Koch, Mary Ann Kuranda, Carolyn Luton, Jennifer Reiling, Lana Rivera, Regina Vander Reyden, Peter Watkins
Production Assistant: Janey Stennis
Reprint Coordinator: Joseph Rekasch
Cover Editor: M. Therese Southgate, MD
Editorial Supervisors: Kemberly Evans, Patricia Joworski, Gale Saulsberry
Editorial Assistants: Linda Baker, Mary Cannon, Shirley Gogins, Gwenn Gregg, Lisa Hardin, Sharon Iverson, Mary Ann Lilly, Cheryl Manno, Ethel Pinkston, Dorothy White, Lenette Williams
Electronic Input Specialist: Vee Bailey
Administrative Assistant: Mary C. Willborn
Scientific and Socioeconomic Indexing Department: Norman Frankel (Director), George Kruto, Mary Kay Tinerella, Laslo Hunyady (Permissions)

JAMA, The Journal of the American Medical Association (ISSN 0098-7484), is published four issues per month by the American Medical Association, 515 N State St, Chicago, IL 60610. Phone (312) 464-5000. Cable address "Medic" Chicago.
SUBSCRIPTION RATES—The subscription rate per year is \$20, which is included in the annual AMA membership dues. Nonmembers are charged a higher than basic rate of \$110 for 1 year, \$203 for 2 years in the United States and US possessions; in all other countries, 1 year \$185; 2 years \$353 for expedited air delivery. Nonmember medical students and residents are also charged a higher than basic rate of \$55 for 1 year in the United States and US possessions. Rates for subscriptions for delivery to Japan or South Korea are available through respective exclusive agents. Address all subscription communications to Subscriber Services Center, American Medical Association, 515 N State St, Chicago, IL 60610. Phone: (800) 262-2350. Fax (312) 464-5831.

CHANGE OF ADDRESS—POSTMASTER, send all address changes to JAMA, The Journal of the American Medical Association, attention: Subscription Department, 515 N State St, Chicago, IL 60610. Notification of address change must be made at least 6 weeks in advance; include both old and new addresses, a recent mailing label, and your new ZIP code. Second-class postage paid at Chicago and additional mailing office.
 GST Registration Number: R 126 225 556.
 JAMA[®] Registered in the US Patent and Trademark Office.
 Copyright © 1993 by the American Medical Association 

Original Contributions

- Predictors of Laparoscopic Complications After Formal Training in Laparoscopic Surgery** 2689
 W. A. See, C. S. Cooper, R. J. Fisher, Iowa City, Iowa
- Vitamin Status and Intake as Primary Determinants of Homocysteinemia in an Elderly Population** 2693
 J. Selhub, P. F. Jacques, Boston, Mass; P. W. F. Wilson, Framingham, Mass;
 D. Rush, I. H. Rosenberg, Boston, Mass
- A Randomized Clinical Trial of the Effect of Deliberate Perioperative Increase of Oxygen Delivery on Mortality in High-Risk Surgical Patients** 2699
 O. Boyd, R. M. Grounds, E. D. Bennett, London, England
- Randomized Clinical Trials in Single Patients During a 2-Year Period** 2708
 E. B. Larson, A. J. Ellsworth, J. Oas, Seattle, Wash

Special Communication

- Kallmann Syndrome: From Genetics to Neurobiology** 2713
 E. I. Rugari, A. Ballabio, Houston, Tex

Grand Rounds at the Clinical Center of the National Institutes of Health

- Diagnosis and Treatment of Seasonal Affective Disorder** 2717
 N. E. Rosenthal, Bethesda, Md

Caring for the Uninsured and Underinsured

- Lessons From a Clinic for the Homeless: The Camillus Health Concern** 2721
 A. M. Fournier, A. Perez-Stable, P. J. Greer, Jr, Miami, Fla

Editorials

- Credentialing in an Era of Change** 2725
 W. S. Grundfest, Los Angeles, Calif
- Homocysteine and Marginal Vitamin Deficiency: The Importance of Adequate Vitamin Intake** 2726
 M. J. Stampfer, W. C. Willett, Boston, Mass

JAMA 100 Years Ago

Gratuitous Vaccinations by the Board of Health.

The Cover

Charles W. Hawthorne, *The Family* M. T. Southgate

A Piece of My Mind

A Difficult Decision J. L. Wright

Medical News & Perspectives

Is Reform Coverage Really Universal? ... US Government Inquiry Bodies Dismiss Scientific Misconduct Charges Against AIDS Researchers ... Miscellaneous Medica

From the Food and Drug Administration

New Label Would Advise Consumers to Consult Physicians Before Taking Aspirin for the Heart ... Treatment IND for Non-Insulin Dependent Diabetes Mellitus ... MEDWATCH Conference Cosponsored by the FDA and the AMA

(Table of Contents continued on next page.)

**From the Assistant Secretary for Health,
US Public Health Service** 2670

Reinventing Public Health

**From the Centers for Disease Control
and Prevention** 2671

Distribution of STD Clinic Patients Along a Stages-of-Behavioral-Change Continuum—
Selected Sites, 1993 ... Update: Mortality Attributable to HIV Infection Among Persons
Aged 25-44 Years—United States, 1991 and 1992 ... Assessment of Street Outreach
for HIV Prevention—Selected Sites, 1991-1993

Domestic Abstracts 2676

Poetry and Medicine 2681

River and Bridges D. R. Baker

Letters 2682

The Overdiagnosis of Lyme Disease J. J. Burrascano, Jr, J. Burke, C. P. Cleveland, M. Kramer,
A. C. Steere

Conflict of Interest Policies: Protecting Readers or Censoring Authors? A. S. Relman, K. J. Rothman

Sudden Infant Death Syndrome: Will Establishing Risk Factors Spuriously Reduce Incidence?
R. Hanzlick, G. Parrish, R. T. Ing, W. Guntheroth, P. Spiers

Data Audit for Clinical Trials J. R. Wilson, Jr, R. B. Weiss

Estrogen Therapy and the Risk of Breast Cancer J. E. Meyer, K. E. Steinberg, S. B. Thacker

Imaging for Sinusitis R. P. Harrie, D. B. Howe, D. Adock, M. F. Mafee

At Large With Dennis L. Breo 2732

The dental AIDS cases—
Murder or an unsolvable mystery?

Questions and Answers 2735

Side Effects of Nicotine Patches M. C. Fiore, M. J. Hartman

Revaccination With Pneumococcal and Hepatitis B Vaccines E. L. Anderson, P. R. Becherer,
R. B. Belshe

Biofeedback for Musculoskeletal Pain E. Karlstrom, G. G. Abel

Books, Journals, Software 2738

The Face of Mercy: A Photographic History of Medicine at War (Naythons) Reviewed by P. Gunby

The Operative Note: Collected Editorials (Goldwyn) Reviewed by W. W. Shaw

Back to the Asylum: The Future of Mental Health Law and Policy in the United States
(La Fond, Durham) Reviewed by M. G. Bloche

The Healer's Tale: Transforming Medicine and Culture (Kaufman) Reviewed by H. Spiro

The Remarkable Surgical Practice of John Benjamin Murphy (Schmitz, Oh, eds)
Reviewed by J. H. Wulsin

Books Received

Obituary Listing 2744

Obituaries 2749

L. A. Scheele, MD, R. G. Witwer, MD, R. H. L. Bohannon, MD

Classified Advertising 2753

JAMA Journal Club Reading Assignments 2762

Index to Advertisers 2762

Reference Directories

Organizations of Medical Interest, July 14, 1993; State Associations and Examinations and Licensure,
July 21, 1993; Meetings Outside the United States, July 28, 1993; AMA Officials, October 6, 1993;
Meetings in the United States, November 3, 1993

Instructions for Authors See July 7, 1993, p 33.

JAMA[®]

The Journal of the American Medical Association

EDITORIAL BOARD

Kenneth A. Arndt, MD, Boston, Mass
Robert J. Blendon, ScD, Boston, Mass
Marjorie A. Bowman, MD, MPA, Winston-Salem, NC
James E. Dalen, MD, Tucson, Ariz
Lois DeBakey, PhD, Houston, Tex
R. Gordon Douglas, Jr, MD, New York, NY
Ronald G. Evens, MD, St Louis, Mo
William H. Fooge, MD, Atlanta, Ga
Renee C. Fox, PhD, Philadelphia, Pa
William T. Friedewald, MD, New York, NY
Vincent A. Fulginiti, MD, Denver, Colo
Morton F. Goldberg, MD, Baltimore, Md
Samuel Hellman, MD, Chicago, Ill
Michael E. Johns, MD, Baltimore, Md
Robert J. Joynt, MD, PhD, Rochester, NY
Donald A. B. Lindberg, MD, Bethesda, Md
Gordon K. MacLeod, MD, Pittsburgh, Pa
William W. McLendon, MD, Chapel Hill, NC
Arno G. Motulsky, MD, Seattle, Wash
Claude H. Organ, Jr, MD, Oakland, Calif
Edmund D. Pellegrino, MD, Washington, DC
Gregory A. Plotnikoff, MD, Minneapolis, Minn
Uwe E. Reinhardt, PhD, Princeton, NJ
Anne Colston Wentz, MD, Chicago, Ill

INTERNATIONAL ADVISORY COMMITTEE

Bassel Atallah, MD, JAMA—Middle East
Mauro Bologna, MD, JAMA—Italy
Michèle Dekker, MD, JAMA—France
Yulchiro Goto, MD, JAMA—Japan
Ragini Jain, MD, JAMA—India
Evin Kantemir, MD, JAMA—Turkey
A. J. Khan, SI, FRCP, JAMA—Pakistan
Yong Kak Lee, MD, JAMA—Korea
Tania L. R. Martinez, MD, JAMA—Brazil
Jří Widimský, MD, DrSc, JAMA—Czech/Slovak
Prof David Todd, JAMA—Southeast Asia
Miguel Vilardell Tarres, MD, JAMA—Spanish Language
Zheng Hongkai, MD, JAMA—China

AMA Officers

President: Joseph T. Painter, MD*
President-Elect: Robert E. McAfee, MD*
Immediate Past President: John L. Clowe, MD
Secretary-Treasurer: Nancy W. Dickey, MD*
Speaker, House of Delegates: Daniel H. Johnson, Jr, MD
Vice-Speaker, House of Delegates: Richard F. Corlin, MD

AMA Trustees

Lonnie R. Bristow, MD* (Chairman); Nancy W. Dickey, MD*
(Secretary); Palma E. Formica, MD; Michael Goldrich, MD (Resi-
dent); William E. Jacott, MD* (Vice-Chairman); Donald T. Lewers,
MD; Thomas R. Reardon, MD; Raymond Scalettar, MD; Jerald R.
Schenken, MD; P. John Seward, MD*; Randolph D. Smoak, Jr,
MD; Frank B. Walker, MD*; Percy Wootton, MD
*Executive Committee.

Executive Vice President: James S. Todd, MD
Deputy Executive Vice President: Kenneth E. Monroe
Senior Vice President: Larry E. Joyce
Vice President, Publishing: Robert L. Kennett
Editor-in-Chief, Scientific Publications: George D. Lundberg, MD
Associate Publisher: Peter J. Murphy
Director, Publishing Operations Division: Nawin Gupta, PhD

ADVERTISING OFFICES: Eastern: 600 Third Ave, Suite 3700,
New York, NY 10016 (Representatives: Alice Harvey-Herman,
Cliff Vanderhoof, Stuart H. Williams [212-867-8640]); Midwest/
Farwest: 515 N State St, Chicago, IL 60610 (Representative:
Jeffery 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 re-
quest. 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.

Printed in the USA.

All articles published, including editorials, let-
ters, and book reviews, represent the opin-
ions of the authors and do not reflect the
official policy of the American Medical Asso-
ciation or the institution with which the author
is affiliated, unless this is clearly specified.

American Medical Association

Physicians dedicated to the health of America

