

Editor: George D. Lundberg, MD

Deputy Editor: M. Therese Southgate, MD

Senior Editors: Helene M. Cole, MD, Bruce B. Dan, MD, Don Riesenber, MD

Senior Contributing Editor: Drummond Rennie, MD

Contributing Editors: John D. Archer, MD, Charles B. Clayman, MD, Lester S. King, MD, Harriet S. Meyer, MD, Carlotta M. Rinke, MD

Statistical Editor: Naomi Vaisrub, PhD

Assistant to the Editor: Elizabeth Knoll

Morris Fishbein Fellow: Jody W. Zylke, MD

Medical News—Editor: Phil Gunby; **Associate Editors:** Marsha F. Goldsmith, Charles Marwick (Washington, DC), Beverly Merz; **Assistant Editor:** Chris Anne Raymond, PhD; **Writer:** Timothy F. Kirn

Associate Editor: Roxanne K. Young

Assistant Editors: Charlene Breedlove; Letters to the Editor: Sharon Iverson

Editorial Services Manager: Martha Carney

Production Manager: Marlene M. Hirsch

Assistant Production Manager: John R. Sayban

Editorial Processing Manager: Cheryl Iverson

Assistant Editorial Processing Manager: Paula Gittman

Permissions and Graphic Design Manager: Dennis J. Shipley

Staff Assistants: Diane Darnell, Bonnie Van Clevon

Production Supervisors: Lori A. Barba (Copy Editing), Thomas J. Handrigan (Illustrations), Elizabeth Petrikenas (Proofreading), John R. Sayban (Advertising), Mary C. Steermann (Editorial), Jo Anne Weiskopf (Layout)

Copy Editing: Vickie Golden (Free-lance Coordinator), Daniel Halibey, Lisa Moscato, Jennifer Sperry, Cynthia Takács

Proofreading: Jennifer Reiling, Lisette Sabbach, Barbara Wojtowicz

Senior Production Assistants: Karen Branham, Jerri Hall-Gortowski, Sally Hoyt, Debra Lucas, Terese Noto, Dorothy Patterson, Susan Price, Deirdre Rittenhouse, Jill Stein, Ellen Yoshihara

Production Assistants: Darlene E. Filips, Anita Jackson

Illustrations and Layout: Carl Biomonte, Donna Hagler, Mary Plank-Vanco, Sandra Williams

Cover Editor: M. Therese Southgate, MD

Editorial Coordinator: Cathy Watkins

Editorial Supervisor: Cassandra Johnson

Editorial Assistants: Ann Bartling, Mary Cannon, Shirley Goines, Michele Knutsen, Mary Ann Lilly, Ethel Pinkston, Theresa Raines, Gale Saulsberry, Helga Wutz

Indexing: Norman Frankel (Supervisor), Susan McClelland, Mary Kay Tinerella


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.

JAMA, The Journal of the American Medical Association (ISSN 0098-7484), is published four issues per month by the American Medical Association, 535 N Dearborn St, Chicago, IL 60610. Phone (312) 645-5000. Cable address "Medic" Chicago.

SUBSCRIPTION RATES—The subscription rate per year for members of the AMA is \$2 included in the annual membership dues. The subscription rate per year for nonmembers is \$58 for one year; \$102 for two years in the United States and US possessions; in all other countries, one year, \$68; two years, \$115 (add \$35 surcharge to each one-year subscription and \$70 surcharge to each two-year subscription for air delivery to the United Kingdom, Europe, Bangladesh, India, Nepal, or Sri Lanka). Rates to medical students and residents, \$29 for one year, \$51 for two years in the United States and US possessions. Rates for subscriptions for delivery to Australia, Japan, New Zealand, or South Korea are available through respective exclusive agents. Address all subscription communications to American Medical Association, Circulation and Fulfillment Division, 535 N Dearborn St, Chicago, IL 60610. Phone: (312) 280-7154.

CHANGE OF ADDRESS—POSTMASTER, send all address changes to Caryl L. Wertheimer, Director of Fulfillment, 535 N Dearborn St, Chicago, IL 60610. Notification of address change must be made at least six 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.

JAMA[®] Registered in the US Patent and Trademark Office.

Copyright © 1987 by the American Medical Association 

June 19, 1987, Vol 257, No. 23

The Journal is a forum for open and responsible discussion of matters relevant to the field of medicine. Its mission is education: to inform its readers of progress in clinical medicine, medical research, and of developments in other fields of interest to physicians.

The Cover

Henri Matisse, Lorette 3176
M. Salzman, MD, Baltimore

Medical News & Perspectives

Second Cardiac Xenograft Predicted; Questions Remain on Procedure . . . Expert Panel Convened by FDA Recommends *Haemophilus influenzae* Type B Vaccine Should Continue in Use for Children Older Than 2 Years . . . New Method Uses Magnetic Resonance Imaging, Tumor's Response to Injury to Monitor Directly the Effects of Some Anticancer Drugs . . . Study Seeks to Learn Best Course of Action for Mothers-to-be With Controlled PKU . . . Tapping into 'Procedural' Memory Helps Patients With Amnesia to Acquire New Occupational Skills 3181

From the Alcohol, Drug Abuse, and Mental Health Administration 3188

Leads From the MMWR 3191

A Piece of My Mind

Fleeting Wisdom 3202
L. J. Purdy, MD, Pomona, Calif

Specialty Abstracts 3213

Instructions for Authors (see June 5, 1987, p 2897)

Reference Directories

US Meetings, June 5; Meetings Outside the US, Jan 23/30; Organizations of Medical Interest, Jan 9; State Associations and Exams and Licensure, Jan 16; AMA Officials, Oct 3

Letters

The Use of Claims Data to Evaluate Health Care N. R. Bell, MD, CCFP, E. H. Krikke, MD, CCFP, Edmonton, Alberta, Canada; J. E. Wennberg, MD, Hanover, NH; N. Roos, PhD, Winnipeg, Manitoba, Canada

Care in the Rochester Experimental Payment Program W. J. Meggs, MD, PhD, Bethesda, Md; J. A. Block, MD, Cleveland; D. I. Regenstreif, PhD, P. F. Griner, MD, Rochester, NY

The Health Policy Agenda M. G. Jameson, MD, Towson, Md, S. Brocki, PhD, Chicago

Controlled Drinking and the Treatment of Alcoholism W. R. Miller, PhD; A. L. Leckman, MD; M. Tinkcom, MS, Albuquerque; I. Maltzman, PhD, Los Angeles

The Birth of the Blues: I. Blue Christmas M. P. Schwartz, MD, Augusta, Ga; **II. Blue Movie** R. W. Nudelman, MD, M. Salzman, MD, Baltimore

Yersinia Hepatic Abscesses and Iron Overload C. Chiesa, MD; L. Pacifico, MD; F. Renzulli, MD; M. Midulla, MD, Rome; L. Garlaschi, MD, Milan, Italy

Fraudulent AIDS R. E. Zumwalt, MD; P. J. McFeeley, MD; J. Maito, Albuquerque

Orthostatic Hypotension and Pernicious Anemia W. B. White, MD, Farmington, Conn

Margins D. W. Ross, MD, PhD, Chapel Hill, NC

Original Contributions

Beneficial Effects of Combined Colestipol-Niacin Therapy on Coronary Atherosclerosis and Coronary Venous Bypass Grafts 3233

D. H. Blankenhorn, MD; S. A. Nessim, DrPH; R. L. Johnson, RD, MA; M. E. Sanmarco, MD; S. P. Azen, PhD; L. Cashin-Hemphill, MD, Los Angeles

Competition and the Cost of Hospital Care, 1972 to 1982 3241

J. C. Robinson, PhD, Berkeley, Calif, H. S. Luft, PhD, San Francisco

The Impact of a Physician as Part of the Aeromedical Prehospital Team in Patients With Blunt Trauma 3246

W. G. Baxt, MD, P. Moody, RN, San Diego

Clinical Investigation

Associations of Dietary Fat, Regional Adiposity, and Blood Pressure in Men 3251

P. T. Williams, PhD; S. P. Fortmann, MD; R. B. Terry; S. C. Garay, MS; K. M. Vranizan, MA; N. Ellsworth; P. D. Wood, DSc, Stanford, Calif

Topics in Radiology

- Radiological (Scintigraphic) Evaluation of Patients With Suspected Pulmonary Thromboembolism** 3257
D. R. Biello, MD, St Louis

Brief Reports

- Recurrent Postcoital Lower-Extremity Streptococcal Erythroderma in Women** 3260
R. T. Ellison III, MD, J. A. McGregor, MD, Denver
- Nicotine Replacement in Smoking Cessation** 3262
M. A. J. Russell, FRCP; M. J. Jarvis, MPhil;
G. Sutherland, MPhil; C. Feyerabend, PhD, London
- Supine Cross-Table Lateral Chest Roentgenogram for the Detection of Pericardial Effusion** 3266
J. A. Heinsimer, MD; G. J. Collins, MD; M. H. Burkman, RDMS;
L. Roberts, Jr, MD; J. T. T. Chen, MD, Durham, NC

Case Report

- Corneal Perforation Caused by Dysgonic Fermenter-2** 3269
R. J. Kiel, MD; L. R. Crane, MD; J. Aguilar, MD;
W. A. Palutke, MD; J. W. Cowden, MD, Detroit

Editorial

- Cholesterol Reduction in Coronary Artery Bypass Patients** 3271
E. R. Passamani, MD, Bethesda, Md

Photo/Essay

- Somatostatin Receptors as Markers for Endocrine Tumors** 3277
J.-C. Reubi, MD, Bern, Switzerland

Questions and Answers

- Dizziness: An Occupational Consequence?** T. D. Matte, MD, MPH,
E. L. Baker, MD, MPH, Atlanta
- Insurance Forms: How Obliging Should Physicians Be?** R. D. Otten, MS, Chicago
- Testosterone for Impotence** E. M. Meares, Jr, MD, Boston
- Bowen's Disease and Internal Malignancy** J. P. Callen, MD, Louisville

Books

- Obstetrics** (Gabbe, Niebyl, Simpson, eds) Reviewed by W. C. Plauché, MD, New Orleans
- Muscle and Its Diseases** (Siegel) Reviewed by F. A. Ziter, MD, Salt Lake City
- Systemic Lupus Erythematosus** (Lahita, ed) Reviewed by T. G. Benedek, MD, Pittsburgh
- Therapy of Angina Pectoris** (Wiener, Frishman, eds) Reviewed by M. T. Sodums, MD, Scranton, Pa
- The Lung** (Forster et al) Reviewed by H. P. Wiedemann, MD, Cleveland
- Comprehensive Management of Head and Neck Tumors** (Thawley, Panje, eds)
Reviewed by G. Matz, MD, Maywood, Ill
- Abnormal Pulmonary Circulation** (Bergofsky, ed) Reviewed by R. E. Greene, MD, Boston
- Software . . . SMLTREE** (Hollenberg) Reviewed by B. Eiseman, MD; R. Jones, PhD; M. Haschke, Denver
- Books Received**

Osleriana

JAMA 100 Years Ago

The Exchange

Obituaries

Classified Advertising

CME Corner

Index to Advertisers

3174 JAMA, June 19, 1987—Vol 257, No. 23

JAMA

The Journal of the American Medical Association

EDITORIAL BOARD

Kenneth A. Arndt, MD, Boston
Byron J. Bailey, MD, Galveston, Tex
Arthur E. Baue, MD, St Louis
James E. Dalen, MD, Worcester, Mass
R. Gordon Douglas, Jr, MD, New York
William H. Foote, MD, Atlanta
Renee C. Fox, PhD, Philadelphia
Daniel X. Freedman, MD, Los Angeles
Vincent A. Fulginiti, MD, Tucson
Morton F. Goldberg, MD, Chicago
Marilyn Heins, MD, Tucson
Edward C. Hill, MD, San Francisco
James F. Holland, MD, New York
King K. Holmes, MD, PhD, Seattle
Harold G. Jacobson, MD, Bronx, NY
Robert J. Joynt, MD, PhD, Rochester, NY
Richard L. Landau, MD, Chicago
Gordon K. MacLeod, MD, Pittsburgh
Daniel J. McCarty, MD, Milwaukee
William W. McLendon, MD, Chapel Hill, NC
Arno G. Motulsky, MD, Seattle
Edmund D. Pellegrino, MD, Washington, DC
Robert E. Rakel, MD, Houston
Domeena C. Renshaw, MD, Chicago
Martha M. Sarason, MD, PhD, Charleston, SC
Thomas P. Stossel, MD, Boston

AMA Officers

President: John J. Coury, Jr, MD*
President-Elect: William S. Hotchkiss, MD*
Immediate Past President: Harrison L. Rogers, Jr, MD
Secretary-Treasurer: George L. Collins, Jr, MD*
Speaker, House of Delegates: James E. Davis, MD
Vice-Speaker, House of Delegates: John L. Clowe, MD

AMA Trustees

Stefano Bertozzi (student); Lonnie R. Bristow, MD; Rufus K. Broadaway, MD; George L. Collins, Jr, MD* (Secretary); Ronald M. Davis, MD (resident); John H. Dawson, MD; Ray W. Gifford, MD; Robert E. McAfee, MD; Alan R. Nelson, MD* (Chairman); Joseph T. Painter, MD*; John J. Ring, MD* (Vice-Chairman); Raymond Scalettar, MD; Jerald R. Schenken, MD*; C. John Tupper, MD
 *Executive Committee

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.

Executive Vice President: James H. Sammons, MD

Senior Deputy Executive Vice President: James S. Todd, MD

Deputy Executive Vice President: Whalen M. Strobar

Assistant Executive Vice President: Theodore R. Chilcoat, Jr

Assistant Executive Vice President: M. Roy Schwarz, MD

Vice President, Scientific Information: George D. Lundberg, MD

Vice President, Publishing and Marketing: John T. Baker

Director, Publication Production and Printing Division: Norman D. Richey

General Sales Manager; Director, Advertising Sales and Promotion Services Division: D. Joseph Dennehy

Director, Circulation-Fulfillment Division: Lee A. Parent

Director, Advertising Communications: Thomas J. Carroll

Director, Advertising Services: Raymond Christian

ADVERTISING OFFICES: Eastern: 600 Third Ave, Suite 700, New York, NY 10016 (**Manager:** Robert C. Corcoran [212-867-6640]; **Representatives:** Bill Tice, Cliff Vanderhoof); **Midwest/Farwest:** 535 N Dearborn St, Chicago, IL 60610 (**Manager:** Thomas J. Carroll [312-280-7182]; **Representative:** Daniel T. Mjolsness); **Classified Advertising:** Deiores Boudent [312-280-7190]

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.