

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
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. Kim

Associate Editor: Roxanne K. Young
Assistant Editors: Charlene Breedlove, Elizabeth Knoll, 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 Giltman
Permissions and Graphic Design Manager: Dennis J. Shipley
Staff Assistants: Diahe Darnell, Bonnie Van Clevon

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

Copy Editing: Vickie Golden (Free-lance Coordinator), Daniel Halibey, Kathy Loudon, Jennifer Sperry
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: Cari Biamonte, Donna Hagler, Mary Planek-Vanco, Sandra Williams

Cover Editor: M. Therese Southgate, MD
Editorial Coordinator: Cathy Watkins
Editorial Supervisor: Cassandra Johnson

Editorial Assistants: Ann Bartling, Mary Cannon, Michele Knutson, Mary Ann Lilly, Rosemary Navarro, Annette Nunnally, Ethel Pinkston, Theresa Raines, Gale Turner, Helga Wutz


Senior Secretary: Shirley Goines
Indexing: Norman Frankel (Supervisor), Hermese Bryant, 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 

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

Jack Levine, *The Trial* 721
E. Knoll, Chicago

Medical News & Perspectives 725

AMA Writes Prescription for Treating Growing Drug Diversion Problem . . . Treating a Societal Malignancy—Rape . . . New Techniques Enable 'Heartless' Lung Transplants . . . Miscellaneous Medica

From the Food and Drug Administration 732

Leads from the MMWR 736

AMA Insights 749

Domestic Abstracts 753

Reference Directories

US Meetings, Feb 6; Meetings Outside the US, Jan 23/30; Organizations of Medical Interest, Jan 9; State Association and Exams and Licensure, Jan 16; AMA Officials, Oct 3

Instructions for Authors (see Feb 6, 1987, p 605)

Letters 778

- It's an Insurance Problem, Not a Liability Crisis** E. I. Pavalon, Washington, DC
- Managing Liability Risk in the Office Laboratory** R. McMahon, JD, P. Murray, PhD, St Louis; R. Belsey, MD; M. Greene, JD; D. Baer, MD, Portland, Ore
- Liability for Transfusion-Acquired Disease** A. Gettinger, MD, Hanover, NH; H. F. Polesky, MD, S. L. Lentz, MD, Minneapolis; B. Rabkin, MD, M. S. Rabkin, MD, PhD, Salt Lake City
- Radiation Retinopathy** P. R. Gliedman, MD, A. D. Steinfeld, MD, New York
- A Case of High-Altitude Pulmonary Edema Treated With Nifedipine** O. Oelz, MD, Zurich
- Pneudopneumothorax: A Migratory Mirage** R. E. Falcone, MD, Columbus, Ohio
- Health Effects of Smokeless Tobacco** S. P. Schinke, PhD, R. F. Schilling II, PhD, New York; L. D. Gilchrist, PhD, M. R. Ashby, MSW, Seattle
- Testing for Antibody to HIV: Confidentiality vs Anonymity** D. Selvey, MNS; J. F. Carlson, MS; S. J. Engender, MD, MPH, Phoenix; T. J. Greenwalt, MD; U. J. Dumaswala, PhD; A. L. Werner, MD; Y. S. Hsueh, MD; K. R. Zelenski, PhD, Cincinnati
- Joystick Digit** A. L. Osterman, MD; P. Weinberg, MD; G. Miller, MD, Philadelphia
- Colorectal Cancer at a Public Health Center** R. S. Bobrow, MD, Bay Shore, NY
- Intravenous Drug Abusers and HIV in North Carolina** I. Hoffman, Durham, NC, T. Chorba, MD, Atlanta

Original Contributions

- Association of Volume With Outcome of Coronary Artery Bypass Graft Surgery** 785
J. A. Showstack, MPH; K. E. Rosenfeld; D. W. Garnick, ScD; H. S. Luft, PhD; R. W. Schaffarzick, MD, San Francisco; J. Fowles, PhD, St Louis Park, Minn
- Postservice Mortality Among Vietnam Veterans** 790
The Centers for Disease Control Vietnam Experience Study, Atlanta
- Combination Oral Contraceptive Use and the Risk of Endometrial Cancer** 796
The Cancer and Steroid Hormone Study of the Centers for Disease Control and the National Institute of Child Health and Human Development, Atlanta

Case Reports

- Fatal Tricuspid Valve Obstruction due to a Large Infected Thrombus Attached to a Hickman Catheter** 801
A. Chakravarthy, MD; W. D. Edwards, MD; C. R. Fleming, MD, Rochester, Minn
- Correlation Between Biochemical Indicators of Lead Exposure and Semen Quality in a Lead-Poisoned Firearms Instructor** 803
J. Fisher-Fischbein, PhD; A. Fischbein, MD; H. D. Melnick, MD; C. W. Bardin, MD, New York

Topics in Radiology

Radioepidemiological Tables 806
Council on Scientific Affairs, Chicago

Board of Trustees Report

Report of the Special Task Force on Professional Liability and Insurance and the Advisory Panel on Professional Liability 810

Special Communications

S. 1804: A Bill to Encourage Health Care Professional Liability Reform 813

Congressional Testimony on Senate Bill S. 1804 816
O. R. Bowen, MD, Washington, DC

An Overview of State Medical Discipline 820
R. P. Kusserow; E. A. Handley, MPA; M. R. Yessian, PhD, Washington, DC

Commentary

Do It to Yourself Section 825
D. Rennie, MD, Chicago

Editorials

Beyond Tort Reform 827
K. B. Johnson, JD, Chicago

State Medical Discipline: Defects and Hindrances 828
D. G. Breaden, B. L. Galusha, MD, Fort Worth, Tex

A Piece of My Mind

True Confessions 836
J. M. Zaks, MD, Southfield, Mich

Questions and Answers

Virus Transmission via Fiberoptic Endoscope: Recommended Disinfection W. W. Bond, MS, Atlanta

Pet Therapy Program in a Nursing Home A. M. Beck, ScD, Philadelphia

Nystagmus After Vaccination G. M. Fenichel, MD, Nashville, Tenn

Books

Forensic Psychiatry and Psychology (Curran, McGarry, Shah) Reviewed by E. P. Benedek, MD, Ann Arbor, Mich

An Introduction to the U.S. Health Care System (Roemer) Reviewed by J. R. Kimberly, PhD, Philadelphia

The 'Discovery' of Sudden Infant Death (Bergman) Reviewed by H. M. Wallace, MD, MPH, San Diego

Health Care Delivery in the United States (Jonas) Reviewed by O. W. Anderson, PhD, Chicago

Governing University Hospitals in a Changing Environment (Choi, Allison, Munson) Reviewed by D. A. Kindig, MD, PhD, Madison, Wis

Diabetes Mellitus (Davidson) Reviewed by B. Z. Izenstein, MD, Springfield, Mass

Tropical Nephrology (Kibukamusoke, ed) Reviewed by G. Dunea, MD, Chicago

The World of Surgery, 1945-1985 (Hardy) Reviewed by C. E. Welch, MD, Boston

Anatomy of the Infant Head (Bosma) Reviewed by J. Kelleher, MB, FRCR, Dublin

Books Received

The Exchange 758

JAMA 100 Years Ago 838

Obituaries 857

Ostleriana 860

Classified Advertising 872

CME Corner 884

Index to Advertisers 884

Correction 783



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
William H. Foege, MD, Atlanta
Renee C. Fox, PhD, Philadelphia
Daniel X. Freedman, MD, Los Angeles
Vincent A. Fulginiti, MD, Tucson
Morton F. Goldberg, MD, Chicago
Marilyn Helms, 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
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. Sarasa, MD, PhD, Charleston, SC

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; Jerard 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. Strohbar

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, Promotion and Western Sales: 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: Delores Boudentt (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.