

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, 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, Robert A. Clark, MD
Statistical Editor: Naomi Vaisrub, PhD
Associate Senior Editor: Annette Flanagin
Associate Editors: Charlene Breedlove, Roxanne K. Young
Fishbein Fellow: Thomas B. Cole, 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: Helga Fritz, Kate Whetzel

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, Winston-Salem, NC
James E. Dalen, MD, Tucson, Ariz
Catherine D. DeAngelis, MD, Baltimore, Md
Lois DeBaKey, PhD, Houston, Tex
R. Gordon Douglas, Jr, MD, New York, NY
Ronald G. Evens, MD, St Louis, Mo
William H. Foegen, MD, Atlanta, Ga
Michael E. Johns, MD, Baltimore, Md
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
Claude H. Organ, Jr, MD, Oakland, Calif
Edmund D. Pellegrino, MD, Washington, DC
Uwe E. Reinhardt, PhD, Princeton, NJ
Povl Riis, MD, Copenhagen, Denmark
Wolf-J. Stetter, MD, Frankfurt, Germany
Baruch Ticho, MD, PhD, Canton, Mass

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
Ragini Jain, MD, JAMA—India
Evin Kantemir, MD, JAMA—Turkey
A. J. Khan, SI, FRCP, JAMA—Pakistan
C. R. Kumana, MBBS, JAMA—Southeast Asia
Jin-Pok Kim, MD, JAMA—Korea
Tania L. R. Martinez, 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. Telephone: (312) 464-5000.

World Wide Web Address: <http://www.ama-assn.org>

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 \$120 for 1 year, \$240 for 2 years in the United States; in the Americas, 1 year, \$160; 2 years, \$320; the rest of the world, 1 year, \$110; 2 years, \$220. Institution rates are \$140 for 1 year, \$280 for 2 years in the United States; in the Americas, 1 year, \$200; 2 years, \$400; the rest of the world, 1 year, £138; 2 years, £276. Nonmember medical students and residents are also charged a higher than basic rate of \$60 for 1 year in the United States. Rates for subscriptions for delivery to Japan are available through our agent. Address all subscription communications to: Subscriber Services, AMA, PO Box 10945, Chicago, IL 60610. Telephone: (800) 262-2350. Fax: (312) 464-5831.

CHANGE OF ADDRESS—POSTMASTER, send all address changes to: Subscription Department, PO Box 10945, 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. 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© 1995 by the American Medical Association



Original Contributions

- Characteristics of Objects That Cause Choking in Children** 1763
 F. L. Rimell, A. Thome, Jr, S. Stool, Pittsburgh, Pa; J. S. Reilly, Wilmington, Del; G. Rider, D. Stool, C. L. Wilson, Moonachie, NJ
- Physical and Psychosocial Functioning of Women and Men After Coronary Artery Bypass Surgery** 1767
 J. Z. Ayanian, E. Guadagnoli, P. D. Cleary, Boston, Mass
- Effects of Lowering Elevated LDL Cholesterol on the Cardiovascular Risk of Lipoprotein(a)** 1771
 V. M. G. Maher, B. G. Brown, S. M. Marcovina, L. A. Hillger, X.-Q. Zhao, J. J. Albers, Seattle, Wash
- Nursing Home Residents' Preferences for Life-Sustaining Treatments** 1775
 L. A. O'Brien, J. A. Grisso, G. Maislin, K. LaPann, K. P. Krotki, Philadelphia, Pa; P. J. Greco, Cleveland, Ohio; E. A. Siegert, Camden, NJ; L. K. Evans, Philadelphia, Pa

Brief Report

- Increased Incidence of Levodopa Therapy Following Metoclopramide Use** 1780
 J. Avorn, J. H. Gurwitz, R. L. Bohn, H. Mogun, M. Monane, A. Walker, Boston, Mass

Special Communication

- Ethical Aspects of Banking Placental Blood for Transplantation** 1783
 J. Sugarman, E. G. Reisner, J. Kurtzberg, Durham, NC

Consensus Statement

- Informed Consent for Genetic Research on Stored Tissue Samples** 1786
 E. W. Clayton, Nashville, Tenn; K. K. Steinberg, M. J. Khoury, Atlanta, Ga; E. Thomson, Bethesda, Md; L. Andrews, Chicago, Ill; M. J. E. Kahn, Richmond, Va; L. M. Kopelman, Greenville, NC; J. O. Weiss, Chevy Chase, Md

Health Law and Ethics

- Childhood Immunization Registries: A National Review of Public Health Information Systems and the Protection of Privacy** 1793
 L. O. Gostin, Washington, DC; Z. Lazzarini, Boston, Mass

The Medical Literature

- Users' Guides to the Medical Literature: IX. A Method for Grading Health Care Recommendations** 1800
 G. H. Guyatt, Hamilton, Ontario, Canada; D. L. Sackett, Oxford, England; J. C. Sinclair, R. Hayward, D. J. Cook, Hamilton, Ontario, Canada; R. J. Cook, Waterloo, Ontario, Canada; for the Evidence-Based Medicine Working Group

Editorials

- Designing the Death Out of Balloons** 1805
 S. P. Baker, K. Halperin, Baltimore, Md
- Research and Stored Tissues: Persons as Sources, Samples as Persons?** 1806
 B. M. Knoppers, Montréal, Québec, Canada; C. M. Laberge, Laval, Québec, Canada

The Cover 1743

Giovanni Bellini, *The Infant Bacchus* M. T. Southgate

Poetry and Medicine	1743 f
Still Life P. Tatarunis	
Abstracts	1744
Resident Forum	1746 h
Student Loan Management, Part 1 . . . Deferment or Forbearance?	
JAMA 100 Years Ago	1746 n
The Antistreptococcal Serum.	
Medical News & Perspectives	1747
Medical Educators Confront the Future . . . Military Physicians of 12 Nations Cooperate in Haiti . . . International Electronic Link Solves Medical Puzzle . . . Miscellanea Medica	
From the Centers for Disease Control and Prevention	1752
Air-Bag—Associated Fatal Injuries to Infants and Children Riding in Front Passenger Seats—United States . . . Outbreak of Gastrointestinal Illness Associated With Consumption of Seaweed—Hawaii, 1994 . . . Agricultural Auger-Related Injuries and Fatalities—Minnesota, 1992-1994	
Letters	1757
Anencephalic Infants as Organ Donors B. L. Eide; M. Ferguson; J. H. Khan; M. P. McQuillen; C. W. Plows, D. Orentlicher	
Access to Health Care and Preventable Hospitalizations D. W. Baker; M. Jameson; J. J. Frey; A. B. Bindman, K. Grumbach, D. Osmond, K. Vranizan, A. Stewart; B. Starfield	
The Independent Practice Association W. DeWolf, A. Stanten; B. N. Shenkin	
Brain Death Determination Practices in Children J. A. Lynch; M. M. Pollack, R. E. Mejia	
X-rays and Breast Cancer J. W. Gofman	
Correction	1762
Author Omitted The Immunization of Children Enrolled in the Special Supplemental Food Program for Women, Infants, and Children (WIC): The Impact of Different Strategies—G. S. Birkhead, C. W. LeBaron, P. Parsons, J. C. Grabau, E. Maes, L. Barr-Gale, J. Fuhrman, S. Brooks, J. Rosenthal, S. C. Hadler, D. L. Morse	
Obituary Listing	1808 a
Obituaries	1810
J. E. Salk . . . R. L. Brown . . . T. A. Harris . . . T. G. Davis . . . D. V. Whipple . . . F. B. Trudeau	
Books, Journals, Software	1812
DSM-IV Guidebook (Frances et al) Reviewed by C. C. Bell	
The High Risk Patient: Management of the Critically Ill (Sivak et al, eds) Reviewed by R. W. Goldman	
Psychopharmacology: The Fourth Generation of Progress (Bloom, Kupfer, eds) Reviewed by J. J. Brophy	
Constructing the Self, Constructing America: A Cultural History of Psychotherapy (Cushman) Reviewed by B. Liskow	
Making a Medical Living: Doctors and Patients in the English Market for Medicine, 1720-1911 (Digby) . . . Trials of an Ordinary Doctor: Joannes Groenevelt in Seventeenth-Century London (Cook) Reviewed by G. H. Brieger	
History of Medicine: Greek Medicine, vol 2 (Prioreschi) Reviewed by R. Rietz	
Books Received	
Physician Recruitment Advertising and Announcements	1816 a
JAMA Journal Club Reading Assignments	1816 j
Index to Advertisers	1816 j
JAMA Instructions for Authors	See July 5, 1995, p 91.
Reference Directories	
Organizations of Medical Interest July 12, 1995; AMA Officials October 11, 1995;	
State Medical Associations and Examinations and Licensure July 19, 1995;	
Meetings Outside the United States July 26, 1995;	
Meetings in the United States December 6, 1995	



The Journal of the American Medical Association

SCIENTIFIC PUBLICATIONS STAFF

Editorial Systems and Administration: Elaine Williams (director), Mary C. Willborn (administrative assistant), Vee Bailey (electronic input specialist)
Editorial Assistants: Patricia Joworski, Gale Saulsberry (group supervisors); Kimberly Evans (letters coordinator); Linda Baker, Mary Cannon, Lenette Gardner, Shirley Gogins, Gwenn Gregg, Lisa Hardin, Sharon Iverson, Mary Ann Lilly, Brian P. Pace, Ethel Pinkston, Dorothy Robinson
Editorial Processing Division: Cheryl Iverson (director), Vickey Golden (freelance manager), Diane L. Cannon (assistant freelance coordinator), Paul Frank (senior copy editor/Atex specialist)
Copy Editors: Jane C. Lantz (director); Susan R. Benner, Jennifer Sperry, Marty Suter (senior copy editors); Pete Johnie, Laura King

PRODUCTION AND DISTRIBUTION STAFF

Production and Distribution Division: Mary C. Steermann (director), Bonnie Van Cleven (manager, budgets and costs), Vanessa Hayden (director, advertising and production), Emily Moreno (manager, database & new media), Mary Ellen Johnston (electronic coordinator)
Managers: Susan Price (print production), Linda Knott (composition and pagination), Teresa Omietek (proofreading), Carole Piszker (advertising), Charl Richey-Davis (color and graphics)
Proofreaders: David Antos, Daniel James, Mary Kay Tinerella
Production Associates and Operators: Karen Adams-Taylor, Valerie Balkcom, Gail Barrett, Karen Branham, Debbie Camp, Brenda Chandler-Haynes, Michael L. Culbert, Betty Frigerio, Anita Jackson, Mary Ann Kuranda, Sandra Lopez, Sarah Powell, Jeni Reiling, Christine M. Wagenknecht, JoAnne Weiskopf, E. Ruth White, Alicja Wojcik
Production Assistants: Melanie Parenti, 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), Laslo Hunyady (permissions)
Reprint Coordinator: Joseph Reakash

AMA Officers

President: Lonnie R. Bristow, MD*
President-Elect: Daniel H. Johnson, Jr, MD*
Immediate Past President: Robert E. McAfee, MD
Secretary-Treasurer: Thomas R. Reardon, MD*
Speaker, House of Delegates: Richard F. Corlin, MD
Vice-Speaker, House of Delegates: John A. Knotte, MD

AMA Trustees

Yank D. Coble, Jr, MD; Regina Benjamin, MD (Young Physician); Nancy W. Dickey, MD* (Vice-Chair); Timothy T. Flaherty, MD; Palma E. Formica, MD; Michael S. Goldrich, MD (Resident); William E. Jacott, MD; D. Ted Lewers, MD; John C. Nelson, MD; Stephen C. Pool (Student); Thomas R. Reardon, MD* (Secretary); P. John Seward, MD* (Chair); Randolph D. Smoak, Jr, MD*; Frank B. Walker, MD*; Percy Wootton, MD
 *Executive Committee.

AMA EXECUTIVE STAFF

Executive Vice President: James S. Todd, 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: 600 Third Ave, Suite 3700, New York, NY 10016 (Representatives: Alice H. Herman, Stuart H. Williams [212-867-6640]); **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.