

## 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, David H. Mark, MD, MPH, Harriet S. Meyer, MD, Carin M. Olson, MD, Ronna Henry Siegel, MD, Jeanette M. Smith, MD, Jody W. Zylke, MD

Consulting Editors: Robert A. Clark, MD, Deborah J. Cook, MD

Statistical Editor: Naomi Vaisrub, PhD

Associate Senior Editor: Annette Flanagan

Associate Editors: Charlene Breedlove, Roxanne K. Young

Fishbein Fellow: Thomas C. Jefferson, MD

Medical News & Perspectives: Marsha F. Goldsmith (editor); Charles Marwick, Mike Mitka, Joan Stephenson, PhD (associate editors); Rebecca Voelker (contributing editor)

Assistant Editor: Juliana M. Walker

## 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

Michael Berger, MD, Düsseldorf, Germany

Robert J. Blendon, ScD, Boston, Mass

Marjorie A. Bowman, MD, MPA, Philadelphia, Pa

Iain Chalmers, MBBS, MSc, Oxford, England

James E. Dalen, MD, Tucson, Ariz

Catherine D. DeAngelis, MD, Baltimore, Md

Lois DeBaakey, PhD, Houston, Tex

Ronald G. Evens, MD, St Louis, Mo

Michael E. Johns, MD, Atlanta, Ga

Colin I. Johnston, MB,BS, Melbourne, Australia

Donald A. B. Lindberg, MD, Bethesda, Md

Hervé Maisonneuve, MD, Paris, France

Kenneth D. McClatchey, MD, DDS, Maywood, Ill

C. David Naylor, MD, North York, Ontario, Canada

Claude H. Organ, Jr, MD, Oakland, Calif

Edmund D. Pellegrino, MD, Washington, DC

Reed E. Pyeritz, MD, PhD, Pittsburgh, Pa

Uwe E. Reinhardt, PhD, Princeton, NJ

Povl Riis, MD, Copenhagen, Denmark

William L. Roper, MD, MPH, Chapel Hill, NC

Roger N. Rosenberg, MD, Dallas, Tex

Renée Solomon, MD, New York, NY

Masaaki Terada, MD, Tokyo, Japan

## INTERNATIONAL ADVISORY COMMITTEE

Bassel Atallah, MD, JAMA—Middle East

Mauro Bologna, MD, JAMA—Italy

Carlos R. Gherardi, MD, JAMA—Argentina

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

Alexandra Livaditou, MD, JAMA—Greece

Maria S. P. da Silva, MD, JAMA—Brazil

Miguel Vilardell Tarres, MD, JAMA—Spain

Ivan Vidmar, MD, JAMA—Slovenia

Jiří Widimský, MUDr, DrSc, JAMA—Czech/Slovak

Alexei Yurenev, MD, JAMA—Russia

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 \$145 in the United States and US possessions, \$195 in the Americas, and £125 outside the Americas. The rate for nonmember medical students and resident physicians is \$48 in the United States. The annual institution rates are \$245 in the United States, \$345 in the Americas, and £195 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-subs@ama-assn.org](mailto:ama-subs@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© 1998 by the

American Medical Association



## Original Contributions

### Gabapentin for the Symptomatic Treatment of Painful Neuropathy in Patients With Diabetes Mellitus: A Randomized Controlled Trial

1831

M. Backonja, Madison, Wis; A. Beydoun, Ann Arbor, Mich; K. R. Edwards, Bennington, Vt; S. L. Schwartz, San Antonio, Tex; V. Fonseca, Little Rock, Ark; M. Hes, L. LaMoreaux, E. Garofalo, Ann Arbor, Mich; for the Gabapentin Diabetic Neuropathy Study Group

### Gabapentin for the Treatment of Postherpetic Neuralgia: A Randomized Controlled Trial

1837

M. Rowbotham, San Francisco, Calif; N. Harden, Chicago, Ill; B. Stacey, Portland, Ore; P. Bernstein, L. Magnus-Miller, Morris Plains, NJ; for the Gabapentin Postherpetic Neuralgia Study Group

### Abdominal Adiposity and Coronary Heart Disease in Women

1843

K. M. Rexrode, V. J. Carey, C. H. Hennekens, E. E. Walters, G. A. Colditz, M. J. Stampfer, W. C. Willett, J. E. Manson, Boston, Mass

### Secular Trends in Preterm Birth: A Hospital-Based Cohort Study

1849

M. S. Kramer, R. Platt, H. Yang, Montreal, Quebec, Canada; K. S. Joseph, S. W. Wen, Ottawa, Ontario, Canada; L. Morin, R. H. Usher, Montreal, Quebec, Canada

## Review

### Sexual Abuse of Boys: Definition, Prevalence, Correlates, Sequelae, and Management

1855

W. C. Holmes, G. B. Slap, Philadelphia, Pa

## Editorials

### Symptomatic Treatment of Painful Neuropathy

1863

P. A. Low, R. M. Dotson, Rochester, Minn

### Improving Research, Policy, and Practice to Understand Child Sexual Abuse

1864

D. Finkelhor, Durham, NH

### Health Promotion and Obesity Research: Call for Papers

1866

P. B. Fontanarosa, Chicago, Ill

## This Week in JAMA

1809

## The Cover

1810

Charles Burchfield, *The Mysterious Bird* B. Martin

## Abstracts

1810 d

## Medical News & Perspectives

1811

Global Perspective From International AIDS Society President Mark Wainberg . . . Reports Focus on Bad, Good in Children's Health . . . New Solution for Preserving Red Blood Cells . . . Miscellanea Medica

## From the Food and Drug Administration

1817

New Alcohol Warning Required for OTC Analgesic/Antipyretic Products . . . New FDA Web Site for Health Care Professionals . . . New Professional Labeling for Aspirin . . . Jurisdiction Over Cloning Technology to Create Human Beings

## From the Centers for Disease Control and Prevention

1818

Influenza and Pneumococcal Vaccination Levels Among Adults Aged ≥65 Years—United States, 1997 . . . Trends in Sexual Risk Behaviors Among High School Students—United States, 1991-1997

(Table of Contents continued on next page.)

**Contempo 1998** ..... 1821

Primary Prevention of Postmenopausal Osteoporosis W. Levinson, D. Altkorn

**A Piece of My Mind** ..... 1823

Medical Practices Disappearing in the South R. H. Lands

**Letters** ..... 1825

Free PSA for Detecting Prostate Cancer M. E. Parker; D. R. Pevan; J. C. Peirce, R. M. Hoffman; W. J. Catalona, P. C. Southwick

Permission and Confidentiality in Publishing Pedigrees C. R. Schrock; J. R. Botkin, W. M. McMahon, K. R. Smith, J. E. Nash

Mind-Body Medicine—Fringe or Mainstream? P. V. Madill; B. Qureshi

Collective Bargaining for Residents J. Wenger; M. V. Mason

Risk of Invasive Streptococcal Disease W. H. Wiese

Plasma D-Dimer in the Diagnosis of Deep Vein Thrombosis G. Lippi, A. Mengoni, F. Manzato; S. S. Anand

Adult Purpura Fulminans and Digital Necrosis Associated With Sepsis and the Factor V Mutation R. T. Jackson, R. E. Luplow III

An HIV-Resistant Allele Is Exceptionally Frequent in New Guinean Highlanders B. Su, R. Chakraborty, L. Jin, J. Xiao, D. Lu

**Correction** ..... 1830

Incorrect Footnotes in Table Association of Inhaled Corticosteroid Use With Cataract Extraction in Elderly Patients

**Poetry and Medicine** ..... 1866 p

After Watching Twyla Tharp A. Feldman

**Profiles in Primary Care** ..... 1867

Selma Deitch, MD, MPH: Children First F. Mullan

**Books, Journals, New Media** ..... 1872

Rheumatic Fever and Streptococcal Infection: Unraveling the Mysteries of a Dread Disease (Massell) Reviewed by W. M. Gersony

Understanding Acid-Base (Abelow) Reviewed by E. P. Cohen

HIV and the Pathogenesis of AIDS (Levy) Reviewed by V. M. Anderson

The Chemistry of Mind-Altering Drugs: History, Pharmacology, and Cultural Context (Perrine) Reviewed by M. C. Giesler, W. W. Shen

Born to Die: Disease and New World Conquest, 1492-1650 (Cook) Reviewed by R. C. Kimbrough III

The Cambridge Encyclopedia of Human Paleopathology (Aufderheide, Rodriguez-Martin) Reviewed by R. T. Steinbock

McMinn's Interactive Clinical Anatomy: Head and Neck (CD-ROM) (Reynolds, Abrahams) Reviewed by M. Shindo

The Lippincott-Raven Interactive Anesthesia Library on CD-ROM, version 2.0 (Barash) Reviewed by T. Sloan

Books, Journals, New Media Received

**JAMA 100 Years Ago** ..... 1876 a

How to Limit the Over-Production of Defectives and Criminals. . . . Cause of Criminality and Defectiveness. . . . How to Remedy the Over-Production of Criminals and Defectives.

**MS/JAMA** ..... 1877

On the Brink: The Costs of Medical Education . . . The Increasing Debt of Medical Students: How Much Is Too Much? . . . Into the Deep Well: The Evolution of Medical School Loan Debt . . . The Medical Resident Workload: The Case of New York State

**Resident Forum** ..... 1884 e

Leadership Opportunities for Residents and Fellows

**Obituary Listing** ..... 1884 h

**Classified Advertising and Announcements** ..... 1886 c

**Index to Advertisers** ..... 1887

**JAMA Patient Page: Sexual Abuse** ..... 1888

**JAMA Instructions for Authors** ..... See July 1, 1998, p 19.

**JAMA Reader's Choice: Continuing Medical Education** .... 1885



The Journal of the American Medical Association

**SCIENTIFIC INFORMATION AND MULTIMEDIA STAFF**

**Medical News and New Media Division:** William M. Silberg (editorial director); Renée Roberts (manager, editorial graphics); Marty Suter (associate editor); Deborah Flapan, Neal Shankman (assistant editors); Brande Martin (Web copy editor); Marla A. Hall (staff assistant)

**Editorial Systems and Administration:** Elaine Williams (director), Vee Bailey (electronic input supervisor), Celina Canchola, Lenette Gardner-Gullens (electronic input specialists)

**Staff Assistant:** Helga Fritz

**Editorial Assistants:** Linda Baker, Patricia Jowski, Gale Saulsberry (group supervisors); Kemberly Evans (letters coordinator); Mary Cannon, Susan Collister, Audrey Forman, Shirley Gogins, Gwenn Gregg, Lisa Hardin, Carmina Landeros, Mary Ann Lilly, Christina Myers, Kathie Owens, Ethel Pinkston, Jeni Reiling, Raul Serrato, Gloria Tate

**Editorial Processing Division:** Cheryl Iverson (director), Diane L. Cannon (freelance manager), Connie Manno (freelance coordinator), Paul Frank (electronic editing specialist), Monica Mungle (assistant electronic editing specialist)

**Copy Editing:** Stacy L. Christiansen (director); Susan R. Benner, Jane C. Lantz (senior copy editors); Coleen Adamson, Joy Jaeger, Beverly Stewart

**PRODUCTION AND DISTRIBUTION STAFF**

**Production and Distribution Division:** Vanessa Hayden (director), Diane Darnell (publishing manufacturing analyst), Bonnie Van Cleven (manager, budgets and costs), Karen Adams-Taylor (director, advertising and production), Linda Knott (director, electronic production), Paul Gasiecki (manager, distribution), Debbie Camp (production services supervisor), Betty Frigerio (production services supervisor), Terri Hanley (production specialist)

**Managers:** Phil Arko (composition), Mary Ellen Johnston (database and new media), Teresa Omiotek (proofreading), Carole Piszker (advertising), Susan Price (print production), Charl Richey (color and graphics)

**Proofreaders:** David Antos, Daniel James, Mary Kay Tinerella, Barbara Wojtowicz

**Production Associates and Operators:** Joseph Amft, Gail Barrett, Karen Branham, Regina Brownlee, Victoria Buckner, Brenda Chandler, Heather Crego, La'son J. Diggs, Shannon Epplett, Amy Evers, Kathy Gaydar, Mari Guizzetti, Maria Kowalkowski, Mary Ann Kuranda, Sandra Lopez, Melanie Parenti, Sarah Powell, Angela Smits, Denise Steinhauser, Jo Anne Turner, Carmela Ware, JoAnne Weiskopf

**Production Assistants:** Bryan Irzyk, Ruth Sprague

**CIRCULATION AND CONTENT MARKETING STAFF**

**Director, Division of Circulation and Content Marketing:** James A. Skowrenski

**Circulation Processing:** Beverly Martin (director)

**Circulation Development:** Bina Oza (director), Robert Herling (circulation marketing manager)

**Licensing and Permissions:** Norman Frankel (director), Ada Jiminez-Walker (permissions)

**Reprint Coordinator:** Joseph Rekash

**AMA Officers**

**President:** Nancy W. Dickey, MD\*

**President-Elect:** Thomas R. Reardon, MD\*

**Immediate Past President:** Percy Wootton, MD

**Secretary-Treasurer:** Timothy T. Flaherty, MD\*

**Speaker, House of Delegates:** Richard F. Corlin, MD

**Vice-Speaker, House of Delegates:** John A. Knote, MD

**AMA Trustees**

Herman I. Abramowitz, MD; Susan Hershberg Adelman, MD; Yank D. Coble, MD\*; Palma E. Formica, MD; J. Edward Hill, MD; Donald T. Lewers, MD\* (Vice Chair); William H. Mahood, MD; John C. Nelson, MD\*; Donald J. Palmisano, MD, JD; William G. Plested III, MD; Bruce A. Scott, MD (Young Physician); Randolph D. Smoak, Jr, MD\* (Chair); Andrew M. Thomas, MD (Resident); Jeffrey A. Towson (Student). \*Executive Committee.

**AMA EXECUTIVE STAFF**

**Executive Vice President, Chief Executive Officer:** E. Ratcliffe Anderson, Jr, MD

**Chief Operating Officer:** Lynn Jensen, PhD

**Editor in Chief, Scientific Information and Multimedia:** George D. Lundberg, MD

**Interim Senior Vice President, Publishing & Business:** Robert L. Kennett

**Publisher:** Peter J. Murphy

**Director of Advertising Sales:** Stuart H. Williams

**ADVERTISING OFFICES—Eastern:** 119 Cherry Hill Rd, 3rd Floor, Parsippany, NJ 07054 (Representatives: Susan J. Carollo, Alice H. Herman [973-263-9191]); **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 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.