

**Editor:** George D. Lundberg, MD  
**Deputy Editor:** M. Therese Southgate, MD  
**Senior Editors:** John D. Archer, MD, Bruce B. Dan, MD  
**Senior Contributing Editor:** Drummond Rennie, MD  
**Contributing Editors:** John P. Callan, 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:** Helene M. Cole, MD  
**Medical News—Editor:** Phil Gunby; **Associate Editors:** Kimberly Glasbrenner, Marsha F. Goldsmith, Charles Marwick (Washington, DC), Kathryn Simmons, Terra Ziporyn  
**Assistant Editors:** Charlene Breedlove, Hilda L. Slive, Roxanne K. Young  
**Manager:** Martha Carney  
**Production Manager:** Marlene M. Hinsch  
**Assistant Production Manager:** John R. Sayban  
**Editorial Processing Manager:** Cheryl Iverson  
**Assistant Editorial Processing Manager:** Paula Glittman  
**Reprints and Permissions:** Dennis J. Shipley  
**Manuscript Records:** Ethel Pinkston  
**Production Supervisors:** Lori A. Burnette (Copy Editing), Thomas J. Handrigan (Illustrations), Elizabeth Petrikenas (Proofreading), John R. Sayban (Advertising), Bonnie Van Clevon (Editorial), Jo Anne Weiskopf (Layout)  
**Copy Editing:** Deborah Thorp (Free-lance Coordinator), Toni Brandeis, Vickey Golden, Elaine Masciale, James Zrimsek  
**Proofreading:** Verna Coffman, Patricia Coyne, Winifred O'Reilly, Lisette Sabbach, Barbara Wojtowicz  
**Letters:** Sharon Iverson (Editorial Coordinator)  
**Senior Production Assistants:** Karen Branham, Diane Darnell, Debra Lucas, Marilyn Moroney, Terese Noto, Susan Price, Zack Price, Cathy Watkins, Blake Winter, Ellen Yoshihara  
**Production Assistant:** Darlene E. Filips  
**Illustrations and Layout:** Jerri Hall-Gortowski, Donna Hagler, Janice Techter, Sandra Williams  
**Cover Editor:** M. Therese Southgate, MD  
**Editorial Assistants:** Mary Cannon, Cassandra Johnson, Roberta Larson, Mary Ann Lilly, Rosemary Navarro, Sheri Raynard, Ann Schoenberger, Lucille Souci  
**Indexing:** Phyllis H. McLaren (Supervisor), Mary Kay Tinerella, Pam Wood

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 \$52 for one year, \$90 for two years in the United States and US possessions; in all other countries, one year, \$68; two years, \$110 (add \$30 surcharge to each one-year subscription and \$60 surcharge to each two-year subscription for air delivery to the United Kingdom and Europe only). Rates to medical students and residents, \$26 for one year, \$45 for two years in the United States and US possessions. Rates for subscriptions for delivery to Bangladesh, India, Japan, Nepal, South Korea, and Sri Lanka 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) 260-7154.

**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 © 1985 by the American Medical Association



**THE COVER**

**Paul Klee, *Capriccio in February*** ..... 613  
 M. T. Southgate, MD, Chicago

**MEDICAL NEWS** ..... 617

**Laboratory Devised Prostaglandin Derivatives Offer Antiulcer Promise . . . FDA Approves Lithotripter for Kidney Stone Shattering . . . Medicine at a Glance . . . Miscellanea Medica**

**LEADS FROM THE MMWR** ..... 625

**REFERENCE DIRECTORIES**

**US Meetings, Jan 4; Foreign Meetings, Jan 11; Organizations of Medical Interest, Jan 25; State Associations and Exams and Licensure, Jan 18; AMA Officials, Oct 5**

**INSTRUCTIONS FOR AUTHORS** ..... Jan 25, 1985, p 485

**LETTERS** ..... 632

**The FDA and Drug Uses: Reprise** S. L. Nightingale, MD, Rockville, Md, J. Archer, MD . . .  
**Medication Similarities** R. P. Goodman, MD, Richmond, Va . . . **Adynamic Ileus Following Induced Hypotension** J. W. Chen, MD, A. Rafii, MD, R. L. Keenan, MD, Richmond, Va . . . **Warm Feet, Warm Heart** E. F. Schmelz, MD, Piedmont, Calif . . .  
**Hazards of Some Pediatric Cribs** W. S. Properzio, PhD, Rockville, Md . . . **Arsenic Exposure** E. P. Horvath, Jr, MD, MPH, Marshfield, Wis, H. A. Peters, MD, W. A. Croft, DVM, PhD, B. A. Darcey, M. A. Olson, E. A. Woolson, PhD, Madison, Wis . . . **Recurrent Vomiting in a Child** P. Gleich, MD, St Paul . . . **Complications of Silicone Implant** A. R. Schned, MD, T. H. Taylor, MD, Hanover, NH, G. D. Groff, Allentown, Pa . . . **Akathisia From Prochlorperazine** P. Weiden, MD, New York . . . **Lipid Research Clinics Coronary Primary Prevention Trial Results** M. Virkkunen, MD, Helsinki . . . **Dihydroergotamine-Heparin Prophylaxis of Postoperative Deep Vein Thrombosis** P. G. Hattersley, MD, Sacramento, Calif, A. A. Sasahara, MD, F. J. DiSerio, PhD, Boston, M. G. Robertson, MD, Savannah, Ga, A. A. Sasahara, MD, F. J. DiSerio, PhD, Boston, R. D. Sautter, MD, Marshfield, Wis, A. A. Sasahara, MD, F. J. DiSerio, PhD, Boston

**A PIECE OF MY MIND**

**The 'Terrible' Question** ..... 641  
 S. M. Bierman, MD, Los Angeles

**LAW AND MEDICINE**

**Satellite and Commercial Medical Clinics Report of the Board of Trustees: Part I** ..... 645

**ORIGINAL CONTRIBUTIONS**

**Dietary Therapy Slows the Return of Hypertension After Stopping Prolonged Medication** ..... 657

H. G. Langford, MD, Jackson, Miss; M. D. Blaufox, MD, PhD, Bronx, NY; A. Oberman, MD, Birmingham, Ala; C. M. Hawkins, ScD, J. D. Curb, MD, Houston; G. R. Cutter, PhD, Birmingham, Ala; S. Wassertheil-Smolter, PhD, Bronx, NY; S. Pressel, MS, C. Babcock, MS, Houston; J. D. Abernethy, MB, ChB, Jackson, Miss; J. Hotchkiss, MD, Bronx, NY; M. Tyler, MD, Jackson, Miss

**Diagnostic Accuracy of Four Assays of Prostatic Acid Phosphatase** ..... 665

J. L. Carson, MD, Camden, NJ; J. M. Eisenberg, MD; L. M. Shaw, PhD; H. L. Kundel, MD; K. A. Soper, MA, Philadelphia

**Neuropsychologic Detection of Abnormal Mental Decline in Older Persons** ..... 670

P. J. Eslinger, PhD; A. R. Damasio, MD; A. L. Benton, PhD; M. Van Allen, MD, Iowa City

**CONTENTS—Continued**

**SPECIAL COMMUNICATION**

**Samuel Latham Mitchill (1764-1831)** ..... 675  
 N. A. Bergman, MD, Portland, Ore

**BRIEF REPORTS**

**Food-Borne Streptococcal Pharyngitis in a Hospital Pediatrics Clinic** ..... 679  
 M. D. Decker, MD, MPH, Atlanta; G. B. Lavelly, RN;  
 R. H. Hutcheson, Jr, MD, MPH; W. Schaffner, MD, Nashville, Tenn

**Multidisciplinary Management of Acromegaly and Its Deformities** ..... 682  
 M. D. Brennan, MD; I. T. Jackson, FRCS; E. E. Keller, DDS;  
 E. R. Laws, Jr, MD; A. H. Sather, DDS, Rochester, Minn

**COMMENTARY**

**The Need for Diagnosis-Related Group 471** ..... 684  
 J. W. Yarbrow, MD, PhD, L. E. Mortenson, MS, Rockville, Md

**EDITORIALS**

**The Impact of Prospective Payment on Clinical Research** ..... 686  
 C. K. Davis, PhD, Washington, DC

**The Decision to 'Unmedicate'** ..... 687  
 W. Flamenbaum, MD, N. S. Cohen, PsyD, New York

**DOMESTIC ABSTRACTS** ..... 689

**BOOKS** ..... 692

**The Premature Baby Book** (Harrison, with Kositsky) Reviewed by E. R. Brown, MD, Boston . . . **Infections in the Elderly** (Gleckman, Gantz, eds) Reviewed by J. M. Leedom, MD, Los Angeles . . . **Neurobiology of Cerebrospinal Fluid** (Wood, ed) Reviewed by R. O. Burns, Jr, MD, PhD, Chicago . . . **Management of Head and Neck Cancer** (Million, Cassisi, eds) Reviewed by W. G. Gunn, MD, Milwaukee . . . **The Clinical Neurosciences** (Rosenberg et al, eds) Reviewed by C. M. Poser, MD, Boston . . . **Disease in Ancient Man** (Hart, ed) Reviewed by S. O. Waife, MD, Asheville, NC . . . **Socio-Medical Inquiries** (Zola) Reviewed by R. L. Coser, PhD, Stony Brook, NY . . . **Critical Decisions in Trauma** (Moore, Eiseman, Van Way) Reviewed by R. J. Baker, MD, Chicago . . . **Pediatrics** (Ziai, ed) Reviewed by H. A. Carithers, MD, Jacksonville, Fla . . . **Books Received**

**QUESTIONS AND ANSWERS** ..... 705

**Postoperative 'Gas Pains'** J. B. Kirsner, MD, PhD, Chicago, J. L. Sawyers, MD, Nashville, Tenn, S. Crow, RN, MSN, Shreveport, La . . . **Subarachnoid Hemorrhage and Timing of Cerebral Angiography** N. E. Leeds, MD, Bronx, NY . . . **The Management of Pneumoperitoneum** R. E. Miller, MD, Indianapolis

**OBITUARIES** ..... 708

**CLASSIFIED ADVERTISING** ..... 716

**CME Corner** ..... 727

**INDEX TO ADVERTISERS** ..... 727

**AMA Officers**

**President:** Joseph F. Boyle, MD\*; **President-Elect:** Harrison L. Rogers, Jr, MD\*; **Immediate Past President:** Frank J. Jirka, MD; **Secretary-Treasurer:** Hubert A. Ritter, MD\*; **Speaker, House of Delegates:** James E. Davis, MD; **Vice-Speaker, House of Delegates:** John L. Clowe, MD

**AMA Trustees**

Rufus K. Broadaway, MD; Alice A. Chenault; George L. Collins, Jr, MD; John J. Coury, Jr, MD\* (Chairman); Ronald M. Davis, MD; John H. Dawson, MD; F. William Dowda, MD; William S. Hotchkiss, MD\* (Vice-Chairman); Robert E. McAfee, MD; Alan R. Nelson, MD\*; Joseph T. Painter, MD; John J. Ring, MD; Hubert A. Ritter, MD\*; James S. Todd, MD\*

\*Executive Committee

610 JAMA, Feb 1, 1985—Vol 253, No. 5

**EDITORIAL BOARD**

- Kenneth A. Arndt, MD**  
Boston
- Byron J. Bailey, MD**  
Galveston, Tex
- Arthur E. Baue, MD**  
New Haven, Conn
- Donald J. Dalessio, MD**  
La Jolla, Calif
- Cecilia M. Fenoglio, MD**  
Albuquerque
- 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 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**  
Rochester, NY
- Carol Kasper, MD**  
Los Angeles
- Richard L. Landau, MD**  
Chicago
- Daniel J. McCarty, MD**  
Milwaukee
- William W. McLendon, MD**  
Chapel Hill, NC
- Arno G. Motulsky, MD**  
Seattle
- Robert E. Rakel, MD**  
Iowa City
- Domeena C. Renshaw, MD**  
Chicago
- Alfred Soffer, MD**  
Park Ridge, Ill
- Robert M. Veatch, PhD**  
Washington, DC

**Executive Vice-President:** James H. Sammons, MD  
**Deputy Executive Vice-President, Corporate, Publishing and Management Services:** Richard A. Noffke

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

**Vice-President, Publishing:** 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.