

JAMA's mission is education: To inform its readers of progress in clinical medicine, pertinent research, and landmark evolutions in other areas as they form an interface with medicine. It is a forum for open and responsible discussion. In consonance with this concept, all articles published, including editorials, letters to the editor, and book reviews, are signed (or authorship is otherwise indicated clearly). These 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.

## PUBLICATION STAFF

**Editor:** William R. Barclay, MD  
**Deputy Editor:** M. Therese Southgate, MD  
**Editor Emeritus:** Hugh H. Hussey, MD  
**Executive Editor:** Robert W. Mayo  
**Senior Editors:** John D. Archer, MD, Zenonas Danilevicius, MD, Samuel Vaisrub, MD  
**Contributing Editors:** Lester S. King, MD, Henry T. Ricketts, MD, George X. Trimble, MD  
**Foreign Editions, Senior Editor in charge:** Zenonas Danilevicius, MD; **Coordinating Editor:** Elba Baryna  
**Medical News—Editor:** Jaan Kangilaski; **Associate Editors:** Marion E. Gold, Phil Gunby, Gail McBride, Paul Sampson; Robert Weltman (Washington, DC); **Editorial Coordinator:** Michelle F. Preston; **Secretary:** Madora Bond  
**Production Manager:** Norman D. Richey  
**Administrative Assistant to the Editor:** Marianne H. Pollock  
**Assistant Managing Editors:** Dorothy K. Deering, Diana A. Morgan  
**Manuscript Quality Review:** Diane Unger  
**Art and Layout:** Raymond E. Dorn (Manager), Julia Bero, JoAnne Weiskopf  
**Production Supervisors:** Marlene M. Hinsch (Assistant Production Manager), Thomas J. Handrigan (Illustrations), John R. Sayban (Advertising)  
**Copy Editing:** Aldona J. Zailkas (Supervisor), Nora S. Brizgys, Wilma G. Fast, Nancy L. Oren, Eleanor Sukackas  
**Proofreading:** Lorraine L. Kruse (Supervisor), Verma Coffman, Madonna Niles, Dorothy Troy, Dorothy Waier  
**Selected Abstracts and International Comments:** Sandra Williamson (Editorial Coordinator), Mary Cannon, Jeri England, Lucille Souci  
**Special Projects Editor:** Bonnie M. Van Clevon  
**Senior Production Assistants:** M. Kathleen Berka, Betsy Frigerio, Deborah Weber  
**Production Assistants:** Anna Goins, Lucille Kuznicki, Shirley Latronica  
**Editorial Assistants:** Jeanette Almada, Jessie Beauvoir, Karen Branham, Marsha Meyer, Marilyn Moroney, Mary Oleszczak, Mary Paino, Ethel Pinkston, Jean Ellen Rawn, Susan Routhier, Hilda L. Slive, Elaine Starks, Merry F. Uchida, Viola A. Wade  
**Indexing:** Phyllis H. McLaren (Supervisor), Jane P. Mauldin, Helen F. Topel

THE JOURNAL is published weekly by the American Medical Association, 535 North Dearborn Street, Chicago, IL 60610. Phone 751-6000 (Area Code 312). Cable address "Medic" Chicago.

**SUBSCRIPTION RATE**—The subscription price per year for members of the AMA is \$2, included in the annual membership dues. The subscription price per year for nonmembers is \$30 in the United States and US possessions; \$50 in all other countries, payable in advance. Price to medical students, interns, and residents, \$10 in the United States and US possessions.

Second-class postage paid at Chicago and additional mailing office. Address all subscription communications to Circulation Department.

Copyright © 1976 by the American Medical Association



<b>INSTRUCTIONS FOR AUTHORS</b> .....	1405
<b>MEDICAL NEWS</b> .....	1409
<b>REFERENCE DIRECTORIES</b>	
<b>US Meetings</b> .....	1428
Previous Listings: Foreign Meetings, March 8; Organizations, Feb 16; State Associations, March 22; Exams and Licensure, March 22; AMA Officials, Feb 9	
<b>LETTERS</b> .....	1423
<b>Sigmoidoscopic and Complemental Cervical-Vaginal Examination</b> D. J. Abramson, MD, Chevy Chase, Md . . .	
<b>Asphyxiation, Bulimia, and Insulin Levels in Huntington Disease (Chorea)</b> J. R. Whittier, MD, Queens Village, NY . . .	
<b>FTA-ABS Test</b> H. W. Jaffe, MD; S. A. Larsen, MS; E. F. Hunter, MS; P. J. Wiesner, MD, Atlanta; P. E. Dans, MD, Denver . . .	
<b>It Takes Four Years</b> R. R. Belliveau, MD, Las Vegas, Nev; W. F. Hejna, MD, Chicago . . .	
<b>Ileo-Iliac, Arterial-Enteric Fistula</b> H. F. Hamit, MD, B. J. Owen III, MD, Charlotte, NC . . .	
<b>Tuberculosis After Jejunioileal Bypass</b> C. E. Wills, Jr, MD, Washington, Ga . . .	
<b>Expert Medical Testimony</b> B. L. Wise, San Francisco . . .	
<b>Oyster-Associated Hepatitis</b> T. R. Ingham, MD, Shelton, Wash; B. L. Portnoy, MD, Houston . . .	
<b>Amebic Liver Abscess</b> H. B. Shookhoff, MD, Bronx, NY . . .	
<b>Acute Myocardial Infarction Treated at Home</b> J. W. Anderson, MD, Blue Earth, Minn	
<b>COMMENTARY</b>	
<b>Humoral and Genetic Factors in Thyrotoxic Graves Disease and Neonatal Thyrotoxicosis</b> .....	
W. L. Green, MD, Seattle	
<b>ORIGINAL CONTRIBUTIONS</b>	
<b>Unfavorable Effect of Atropine-Diphenoxylate (Lomotil) Therapy in Lincomycin-Caused Diarrhea</b> .....	
E. Novak, MD, PhD; J. G. Lee, PhD; C. E. Seckman; J. P. Phillips; A. R. DiSanto, PhD, Kalamazoo, Mich	
<b>MBK Neuropathy Among Spray Painters</b> .....	
J. S. Mallov, MD, Cincinnati	
<b>Fetal Alcohol Syndrome</b> .....	
J. W. Hanson, MD, Seattle; K. L. Jones, MD, San Diego, Calif; D. W. Smith, MD, Seattle	
<b>SPECIAL COMMUNICATION</b>	
<b>Industrial Hypertension Control Program in a Rural State</b> .....	
C. C. Walworth, MD, White River Junction, Vt, R. C. Charman, MD, Hanover, NH	
<b>BRIEF REPORTS</b>	
<b>Value of Granulocyte Examination for Bacteria</b> .....	
B. E. Carlson, MD, B. R. Andersen, MD, Chicago	
<b>Single Subcutaneous Injection of Iothalamate Sodium I 125 to Measure Glomerular Filtration Rate</b> .....	
P. Y. Adefuini, MD; A. Gur, MD; N. J. Siegel, MD; R. P. Spencer, MD; J. P. Hayslett, MD, New Haven, Conn	
<b>Posterior Fossa Tumors With Pathological Laughter</b> .....	
A. N. Achari, MB, BS, MD, MRCP(UK), J. Colover, MD, FRCP, London	
<b>Diagnosis of Meckel Diverticulum by Sodium Pertechnetate Tc 99m Scan</b> .....	
M. Cooper, MC, Honolulu	
<b>CLINICAL NOTES</b>	
<b>Bacillus Species Infection in Patients With Hematologic Neoplasia</b> .....	
J. E. Pennington, MD; N. D. Gibbons, BH, BCh; J. E. Strobeck, MD; G. L. Simpson, MD, PhD; R. L. Myerowitz, MD, Boston	
<b>Cardiac Complications in Amitriptyline Poisoning</b> .....	
J. Tobis, MD, B. N. Das, MD, Bronx, NY	
<b>Pituitary Abscess Following General Sepsis in a Diabetic Patient</b> .....	
Y. Jung, MD; J. D. Kim, MD; R. Chadaga, MD; J. Tandatnick, MD; L. P. Caccamo, MD, Youngstown, Ohio	
<b>Ankylosis of the Temporomandibular Joint Following Burn</b> .....	
E. E. Schwartz, MD; W. Weiss, MD; R. Plotkin, DMD, Philadelphia	

**CONTENTS—Continued**

**Disseminated Histoplasmosis Involving an Aortofemoral Prosthetic Graft** ..... 1478  
 R. A. Matthay, MD; D. C. Levin, MD; A. B. Wicks, MD;  
 J. H. Ellis, Jr, MD, Denver

**EDITORIALS**

**National Rural Health Week April 4 Through 10, 1976** ..... 1480  
**Clonazepam: A New Anticonvulsant** ..... 1480  
**Diabolites** ..... 1481

**TOPICS IN RADIOLOGY**

**Chronic Dyspnea, Ascites, and Muffled Heart Sounds** ..... 1485  
 A. Alizadeh, MD, M. Heydarian, MD, Meshed, Iran

**TOWARDS OPTIMAL LABORATORY USE**

**Evaluation of the Obese Patients** ..... 1487  
 G. A. Bray, MD, Torrance, Calif; H. A. Jordan, MD, Philadelphia;  
 E. A. H. Sims, MD, Burlington, Vt

**QUESTIONS AND ANSWERS** ..... 1492

**Transportation of Patient With Cervical Spine Injury and Quadriplegia** L. D. Anderson, MD, Memphis . . . **Reconstruction of Congenital Short Femur and Proximal Femoral Phocomelia** A. B. Ferguson, Jr, MD, Pittsburgh . . . **Right Surpaspinus Tendinitis in Right-Handed Surgeon** O. Steinbrocker, MD, New York . . . **Dandruff Shampoos Do Not Cause Alopecia, but Scalp Massage May** J. B. Jerome, PhD, Chicago

**INTERNATIONAL COMMENTS** ..... 1496

**THE BOOK FORUM** ..... 1503

**Hematology** (Linman) Reviewed by F. Rosner, MD, Jamaica, NY . . . **Biology of Brain Dysfunction** (Gaul, ed) Reviewed by F. R. Freemon, MD, Nashville, Tenn . . . **Ethical Constraints and Imperatives in Medical Research** (Visscher) Reviewed by T. K. McElhinney, PhD, Philadelphia . . . **Hallucinations** (Siegel and West, eds) Reviewed by N. C. Andreasen, MD, Iowa City . . . **Clinical Management of Chronic Renal Failure** (Curtis and Williams) Reviewed by A. R. Gerstein, MD, Springfield, Mass . . . **The Electroretinogram** (Armington) Reviewed by A. M. Potts, MD, Louisville, Ky

**OBITUARIES** ..... 1505

**SELECTED ABSTRACTS** ..... 1506

**CLASSIFIED ADVERTISING** ..... 1514

**INDEX TO ADVERTISERS** ..... 1525

**CORRECTIONS**

**Temperature Transposed** ..... 1426  
**Dr Hofeldt, Not Nofeldt** ..... 1426  
**Drug Dose Conversion Error** ..... 1426

**The Cover**

Nothing looks more pleasant and peaceful than a farm in spring-time (to city folks, anyway). But health care provision problems have plagued too many rural communities. Now, inroads have begun to be made on many of the deficiencies in the provision of rural health care. Over the past five years, there have been increased national, state, and local efforts to develop alternative methods for improving the availability of health care.

To foster the development of new models and the adoption of already existing community models by other areas, the American Medical Association and a number of other organizations have joined forces for National Rural Health Week, April 4 through 10.

The AMA and several other national health-oriented organizations have planned a number of events to publicize the challenges and opportunities that exist in the field of rural health care.

The purposes and aims of this special week are discussed in detail in an editorial on page 1480. Briefly, the goals are to educate health care personnel about the problem—to tell them about opportunities in rural areas—and to educate community leaders about the best ways to plan health services in their localities, with the hope that life on the farms of America may become more healthy and pleasant for everyone. (Photograph © H. Armstrong Roberts)

—JAAN KANGILASKI

**EDITORIAL BOARD**

- Charles D. Aring, MD  
Cincinnati
- William B. Bean, MD  
Galveston, Tex
- Leonard B. Berman, MD  
Orange, Calif
- Charles A. Berry, MD  
Houston
- William H. Crosby, MD  
La Jolla, Calif
- George E. Ehrlich, MD  
Philadelphia
- Heinz F. Eichenwald, MD  
Dallas
- George L. Engel, MD  
Rochester, NY
- Alvan R. Feinstein, MD  
New Haven, Conn
- Benjamin Felson, MD  
Cincinnati
- Emil J. Freireich, MD  
Houston
- Bruce Gilliland, MD  
Seattle
- Milton M. Howell, MD  
Hana on Maui, Hawaii
- Irving H. Leopold, MD  
Irvine, Calif
- Jack Love, MD  
Santa Barbara, Calif
- George D. Lundberg, MD  
Los Angeles
- Don Harper Mills, MD, JD  
Los Angeles
- Martin L. Nusynowitz, MD  
El Paso, Tex
- Eddy D. Palmer, MD  
Hackettstown, NJ
- Morton I. Rapoport, MD  
Baltimore, Md
- Robert M. Senior, MD  
St Louis
- J. Graham Smith, Jr, MD  
Augusta, Georgia
- Raymond L. Teplitz, MD  
Duarte, Calif
- James F. Toole, MD  
Winston-Salem, NC
- Ilza Veith, PhD, DMedSc  
San Francisco

**Executive Vice President:** James H. Sammons, MD

**Group Vice President, Publishing Operations:** Thomas F. Hannon

**Acting Fulfillment Manager:** Helen R. Mazur

**General Sales Manager:** John T. Baker; **Eastern Sales Manager:** Robert Corcoran; **Midwest and Far West Sales Representative:** Thomas J. Carroll; **Eastern Sales Representatives:** John D. McGhie, Steve Kavalgian; **Advertising Services Manager:** Raymond Christian.

**CHANGE OF ADDRESS** may be made by sending old address (as it appears on your Journal) and new address with zip code number. Instructions should state whether change is temporary or permanent. Allow six weeks for chanegover.

**ADVERTISING PRINCIPLES**—Advertisements in this issue have been reviewed to comply with the principles governing advertising in AMA scientific publications. A copy of these principles is available upon request.