

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

Executive Editor: Robert W. Mayo

Senior Editors: John D. Archer, MD, Zenonas Danilevicius, MD, Rudolph H. de Jong, MD, Samuel Vaisrub, MD

Contributing Editors: Lester S. King, MD, Winnifred F. Storey, MD, George X. Trimble, MD

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: Marlene M. Hinsch

Editorial Processing Manager: Dorothy K. Deering

Reprints and Special Projects: Bonnie M. Van Clevon

Manuscript Quality Review: Wilma G. Fast

Production Supervisors: Julia Bero (Layout), Thomas J. Handrigan (Illustrations), Marlene M. Hinsch (Editorial), John R. Sayban (Advertising)

Copy Editing: Nora S. Brizgys, Lois Teesdale

Proofreading: Lorraine L. Kruse (Supervisor), Helen Grzeskiewicz, Elizabeth Petrikenas, Patricia Simmers, Dorothy Troy

Selected Abstracts: Sandra Williamson (Editorial Coordinator), Mary Cannon, Lucille Souci

Art and Senior Production Assistants: Betty Frigerio, Shirley Latronica, Susan Routhier, Jo Anne Weiskopf

Production Assistants: Karen Branham, E. Linda Eisenberg, Anna Goins, Lucille Kuznicki

Editorial Assistants: Jessie Beauvoir, Marsha Meyer, Marilyn Moroney, Mary Oleszczak, Mary Paino, Ethel Pinkston, Jean Ellen Rawl, 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.

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 changeover.

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

Copyright © 1977 by the American Medical Association



MEDICAL NEWS	2173
JAMA 75 YEARS AGO	2194
INSTRUCTIONS FOR AUTHORS	May 9, 1977, p 2057
REFERENCE DIRECTORIES	
Previous Listings: US Meetings, April 4; Foreign Meetings, May 9; Organizations, April 18; State Associations, March 28; Exams and Licensure, March 28; AMA Officials, April 18 (p 1765)	
LETTERS	2186
Antihypertensive Drugs and Danger to Vision J. D. Bullock, MD, Dayton, Ohio . . .	
Legionnaire Disease and St Elizabeth's Pneumonia R. Peele, MD, Washington, DC . . .	
Asymptomatic Hyperparathyroidism E. M. Antman, MD, J. P. Bilezikian, MD, New York . . .	
Mountain Climbing S. N. Whitney, New York . . .	
Progress in Screening for Neural Tube Defects J. N. Macri, PhD, R. R. Weiss, MD, East Meadow, NY, N. B. Schell, MD, I. Abraham, PhD, Mineola, NY, N. A. Starkovsky, PhD, Princeton, NJ . . .	
Terminology P. R. Sheehe, ScD, H. A. Feldman, MD, Syracuse, NY, S. E. Ritzmann, MD, Somerville, NJ . . .	
Make a 'Cartesian Diver' S. L. Rapaport, MD, Jacksonville, Fla . . .	
Topical Antibiotics in the Treatment of Acne B. Grider, RPh, F. P. Siegel, PhD, RPh, M. I. Blake, PhD, RPh, Chicago . . .	
Emergency Room Standards H. W. Crump, MD, Clarkston, Ga, J. S. Hoppock, MD, Portland, Ore . . .	
Hepatic Angiosarcoma Within a Small Geographic Area W. A. Smithson, MD, S. C. Elliott, PhD, DO, Rochester, Minn . . .	
Does Disulfiram Cure Psoriasis? E. W. Jewell, MD, Ridgewood, NJ	
COMMENTARY	
Multiphasic Health Testing	2193
D. J. Lehman, Jr, MD, Tallahassee, Fla	
ORIGINAL CONTRIBUTIONS	
Clinically Suspected Deep Venous Thrombosis of the Lower Extremities	2195
K. M. Moser, MD; B. B. Brach, MD; G. F. Dolan, MD, San Diego	
Benign Breast Disease and Oral Contraceptive Use	2199
D. T. Janerich, DDS, MPH; D. M. Glebatis; J. M. Dugan, Albany, NY	
A Cooperative Study of Hospital Frequency and Character of Transient Ischemic Attacks	2202
P. D. Swanson, MD, Seattle; P. R. Calanchini, MD, San Francisco; M. L. Dyken, MD, Indianapolis; R. A. Gotshall, MD, Seattle; A. F. Haerer, MD, Jackson, Miss; D. C. Poskanzer, MD, Boston; T. R. Price, MD, Baltimore; P. M. Conneally, PhD, Indianapolis	
Acute Bacteremia in Asplenic Renal Transplant Patients	2207
G. P. J. Schröter, MD; J. C. West, MD; R. Weil III, MD, Denver	
SPECIAL COMMUNICATION	
The Development of Clinical Knowledge	2209
P. B. Beeson, MD, Seattle	
BRIEF REPORTS	
Relationship Between Multicentric Reticulohistiocytosis and Tuberculosis	2213
K. D. Gold; J. T. Sharp, MD; R. G. Estrada, MD; J. Duffy, MD; D. A. Person, MD, Houston	
Myositis Ossificans Traumatica	2215
P. Joki, MD, J. Federico, MD, New Haven, Conn	
Prune-Belly Syndrome in a 54-Year-Old Man	2216
S. M. Lee, MB, BCh, Minneapolis	
CLINICAL NOTES	
Lucent Liver in the Newborn	2218
E. S. Wind, MD; G. P. Pillari, MD; W. J. Lee, MD, New Hyde Park, NY	
Injection Mammography	2219
R. W. Wayne, MD, R. E. Darby, MD, Hinsdale, Ill	
Cimetidine Therapy in Zollinger-Ellison Syndrome	2221
J. L. Orchard, MD, W. W. Peternel, MD, Pittsburgh	
Hypothyroidism Followed by Hyperthyroidism	2222
M. A. Hochstein, MD; V. Nair, MD; M. Nevins, MD, Paramus, NJ	

CONTENTS—Continued

EDITORIALS

Mammography: A Radiologist's View2223
A New Star: How Bright Will It Shine?2224

TOPICS IN RADIOLOGY

Unusual Foreign Bodies in Bowel2225
 M. H. Fainsinger, MD, Framingham, Mass

TRENDS IN THERAPY

Childhood Immunization Procedures2228
 S. Krugman, MD, New York, S. L. Katz, MD, Durham, NC

WHEN FRIENDS OR PATIENTS ASK ABOUT . . .

Adolescence2232
 M. J. Blotcky, MD, Dallas

QUESTIONS AND ANSWERS2234

Idiopathic Osteoporosis or Pseudohypophosphatasia? B. Frame, MD, Detroit . . . **Is Colchicine Teratogenic?** T. H. Shepard, MD, A. G. Fantel, PhD, Seattle . . . **Emergency Treatment of Caustic Ingestion in Infant** J. M. Arena, MD, Durham, NC . . . **Carpeted vs Tile Flooring in Hospital Rooms** R. J. Jones, MD, Chicago

THE BOOK FORUM2236

Symposium on Microsurgery (Daniller, Strauch, eds) Reviewed by J. W. May, Jr, MD, Boston . . . **Complications of Urologic Surgery** (Smith, Skinner, eds) Reviewed by F. Hinman, Jr, MD, San Francisco . . . **Computed Brain and Orbital Tomography** (Gonzalez, Grossman, Palacios) Reviewed by G. D. Dobben, MD, Chicago . . . **Clinical Pediatric Urology** (Kelalis, King, Belman, eds) Reviewed by J. H. Fisher, MD, Boston . . . **Selected New Books**

OBITUARIES2238

SELECTED ABSTRACTS2239

CLASSIFIED ADVERTISING2245

INDEX TO ADVERTISERS2256

CORRECTION

Physiatrist2189

EDITORIAL BOARD

- Bobby R. Alford, MD**
Houston
- Arthur E. Baue, MD**
New Haven, Conn
- Leonard B. Berman, MD**
Orange, Calif
- Frederick C. Blodi, MD**
Iowa City
- Kenneth M. Brinkhous, MD**
Chapel Hill, NC
- William H. Crosby, MD**
La Jolla, Calif
- Donald J. Dalessio, MD**
La Jolla, Calif
- George E. Ehrlich, MD**
Philadelphia
- John H. Epstein, MD**
San Francisco
- Benjamin Felson, MD**
Cincinnati
- Joaquin Ferré, MD**
Barcelona, Spain
- Gilbert B. Forbes, MD**
Rochester, NY
- Daniel X. Freedman, MD**
Chicago
- Emil J. Freireich, MD**
Houston
- George D. Lundberg, MD**
Los Angeles
- Howard G. McQuarrie, MD**
Salt Lake City
- Martin L. Nusynowitz, MD**
El Paso, Tex
- James Ransom, PhD**
Los Altos, Calif
- J. Graham Smith, Jr, MD**
Augusta, Ga
- Alfred Softer, MD**
Park Ridge, Ill
- Raymond L. Teplitz, MD**
Duarte, Calif
- Maurice W. Van Allen, MD**
Iowa City
- Robert M. Veatch, PhD**
Hastings-on-Hudson, NY

Executive Vice President: James H. Sammons, MD
Group Vice President, Scientific Publications: William R. Barclay, MD
Group Vice President, Publishing Operations: Thomas F. Hannon
Director, Publication Production Division: Norman D. Richey
Director, Marketing Division: John T. Baker
Acting Fulfillment Manager: Helen R. Mazur
ADVERTISING OFFICES: Midwest/Farwest: 535 N Dearborn St, Chicago, IL 60610 (312-751-6204). General Sales Manager: John T. Baker; Midwest Sales Representative, Dick Morgan; Farwest Sales Representative, Tom Carroll, Eastern Office: 600 Third Ave, New York, NY 10016 (212-867-6640). Eastern Sales Manager: Robert C. Corcoran; Eastern Sales Representatives: Jack McGhie, Bill Tice, Cliff Vanderhoof. Advertising Services Manager: Raymond Christian; Marketing and Promotion Manager: Tom Carroll.

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 on request.

The Cover

Adolescence is the subject of endless truisms. A time of restless seeking, a time of rapid physical and emotional changes, a time of extreme vulnerability, arrogance, thoughtlessness—there is some truth to all these labels, but none really conveys all the aspects of the situation in which a young person finds himself (or herself), trying to decide how he'll fit into the huge, bewildering world outside the home and classroom. Sometimes a group activity, like a rock concert, can bring relief from such worries, but at other times, solitude (cover) can provide the best setting for thinking things over. Sometimes the adjustment process can also lead to rapid swings in mood and changes in behavior, phenomena that can be worrisome to physicians as well as parents, as discussed by Dr Blotcky in a contribution on page 2232, "Adolescence: When Isn't It 'Just a Phase?'" (Photograph © H. Armstrong Roberts)

—JAAN KANGILASKI