

Editor: William R. Barclay, MD
Deputy Editor: M. Therese Southgate, MD
Executive Editor: Robert W. Mayo
Senior Editors: John D. Archer, MD, Lawrence D. Grouse, MD, Samuel Vaisrub, MD
Contributing Editors: Terrence S. Carden, Jr, MD, Charles B. Clayman, MD, Jeffrey R. M. Kunz, MD, Harriet S. Meyer, MD

Morris Fishbein Fellows: Alan M. Blum, MD, William E. Golden, MD

Medical News—Editor: Gail McBride; **Senior Associate Editor:** Phil Gunby; **Associate Editors:** William A. Check, Elizabeth Rasche González, Beverly Montgomery, Michelle Preston, John Elliott (Washington, DC)

Administrative Assistant: Sandra Williamson
Production Manager: Marlene M. Hinsch
Assistant Production Manager: John R. Sayban
Editorial Processing Manager: Diana A. Stokes
Assistant Editorial Processing Manager: Rosanne M. Caniff

Reprints and Permissions: Bonnie M. Van Clevlen
Manuscript Processing: Merry F. Uchida
Manuscript Records: Ethel Pinkston

Production Supervisors: Thomas J. Handrigan (Illustrations), Marlene M. Hinsch (Editorial), Lorraine L. Kruse (Proofreading), John R. Sayban (Advertising), Jo Anne Weiskopf (Layout), Roxanne K. Young (Copy Editing)

Copy Editing: Lori A. Burnette, Patricia V. Chemers, Elizabeth F. Crown, Suzanne Sonnefeld

Proofreading: Verna Coffman, Patricia Coyne, Joy Liljegren, Elizabeth Petrikenas, Kay Skvorc, Mary Kay Tinerella

Questions and Answers—Coordinating Editor: Hilda L. Slive

Letters: Ivana Falajlo (Editorial Coordinator)

Senior Production Assistants: Corazon Abraham, Karen Branham, Shirley Latronica, Marilyn Moroney, Susan Routhier

Production Assistants: E. Linda Fry, Lucille Kuznicki, Blossom Manyfield, Debra Lucas, Maria Saguto

Illustrations and Layout: Mary Barrett, Floriana Hayes, Wanda Juul, Nancy Keyes, Donna Pender

Cover Editor: M. Therese Southgate, MD

Editorial Assistants: Mary Cannon, Gayle Ivy, Shirley Owens, Lucille Souci, Sharon Stack, Viola A. Wade

Indexing: Phyllis H. O'Donnell (Supervisor), Jane P. Mauldin, Helen F. Topel

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 0002-9955) 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 \$36 for one year, \$60 for two years in the United States and US possessions; \$56 for one year, \$86 for two years in all other countries, payable in advance. Price to medical students, interns, and residents, \$18 for one year, \$30 for two years in the United States and US possessions. Address all subscription communications to Circulation-Fulfillment Department.

CHANGE OF ADDRESS: POSTMASTER, send address changes to Helen R. Mazur, Director, Circulation-Fulfillment, 535 N Dearborn St, Chicago, IL 60610. Changes 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.

Copyright © 1980 by the American Medical Association



MEDICAL NEWS	11
Experimental Retinoid Effective in Treatment of Severe Acne . . . Belgian Oral Antifungal Agent Looks Promising . . . FDA Restricts Use of One Intraocular Lens Type . . . Retiring May Predispose to Fatal Heart Attack . . . Henry T. Ricketts, MD, Diabetes Specialist, Dies . . . Many Questions, Fewer Answers, About Marijuana	
FROM THE NIH	19
Family History Information Enables Physicians to Recognize Genetically 'At-Risk' Patients . . . Immune Interferon in Blood May Aid in Diagnosing Active Autoimmune Disease	
AMA INSIGHTS	23
INSTRUCTIONS FOR AUTHORS	Dec 14, 1979, p 2659
JAMA 75 YEARS AGO	66
REFERENCE DIRECTORIES	
Previous Listings: US Meetings, Dec 7; Foreign Meetings, Nov 9; Organizations of Medical Interest, Dec 21; State Associations and Exams and Licensure, Nov 23; AMA Officials, Oct 5	
LETTERS	29
The Use of 2-Deoxy-D-glucose for Genital Herpes L. Corey, MD, K. K. Holmes, MD, PhD, Seattle, H. A. Blough, MD, R. L. Giuntoli, MD, Philadelphia . . . Forensic Psychiatry J. M. Quen, MD, New York, S. Parker, MD, Los Angeles . . . Ginseng Revisited W. H. Lewis, PhD, St Louis . . . Schistosomiasis T. C. Doege, MD, MS, Chicago . . . Beware of the Temperature Chart S. K. Agarwal, MD, Paramus, NJ . . . Indications for Lumbar Puncture P. B. Gorelick, MD, F. A. Rubino, MD, Hines, Ill, H. N. Hultgren, MD, Palo Alto, Calif . . . Prostaglandin Synthesis Inhibitors in Prophylaxis of Coffee Intolerance J. Lieb, MD, New Haven, Conn . . . Ginseng and High Blood Pressure R. K. Siegel, PhD, Los Angeles . . . Rupture of Diaphragm H. L. Laws, MD, M. L. Waldschmidt, MD, Birmingham, Ala	
COMMENTARY	
Political Realities and Biomedical Research	33
A. Burness, Washington, DC	
ORIGINAL CONTRIBUTIONS	
Aminocaproic Acid	35
F. H. Gardner, MD, R. E. Helmer III, MD, Galveston, Tex	
Skin Immunopathology in Systemic Lupus Erythematosus	38
M. M. Brown, MD, W. J. Yount, MD, Chapel Hill, NC	
Prolonged Mechanically Assisted Ventilation	43
H. Davis II, MD; S. S. Leifrak, MD; D. Miller; S. Mall, MD, St Louis	
Successful Use of a Paracorporeal Left Ventricular Assist Device in Man	46
R. L. Berger, MD; J. R. McCormick, MD; J. D. Stetz, MD; M. D. Klein, MD; T. J. Ryan, MD; J. Carr; S. Sweet, MD; W. F. Bernhard, MD, Boston	
SPECIAL COMMUNICATION	
Voluntary Risks to Health	50
R. M. Veatch, PhD, Hastings-on-Hudson, NY	
BRIEF REPORTS	
Herpes Zoster After Splenectomy	56
D. M. Manning, MD; F. J. Luparello, MD; V. C. Arena, Jr, MSHyg, Pittsburgh	
Bacterial Endotoxin (Lipopolysaccharide) as a Cause of Erythema Multiforme	58
W. B. Shelley, MD, PhD, Philadelphia	

CONTENTS—Continued

CLINICAL NOTE

Temporal Arteritis Without Pain 61
 A. J. Barot, MD; C. K. Finton, MD; W. L. Brannon, Jr, MD;
 T. L. Riley, MD, Bethesda, Md

CLINICAL CARDIOLOGY

Transvenous Insertion of Double Sets of Permanent Electrodes 62
 V. Parsonnet, MD; F. Werres, MD; T. Atherley, MD, Newark, NJ;
 P. O. Littleford, MD, Orlando, Fla

TOPICS IN RADIOLOGY

Pulmonary Residuum 14 Months After Skin Rash and Pneumonia 65
 L. Sherkow, MD, Chicago

QUESTIONS AND ANSWERS 67

The Pritikin Diet Plan T. Mondeika, RD, Chicago . . . **Shoulder Pain: Diagnosis and Treatment** J. L. Skosey, MD, PhD; Chicago . . . **Ankylosing Spondylitis and Reiter's Syndrome: Sequelae of Infection** A. Calin, MD, MRCP, Stanford, Calif . . . **Steroid Treatment of Giant Cell Arteritis** P. J. Savino, MD, Philadelphia

BOOKS 72

Overcoming Impotence (Jacobs) Reviewed by R. C. Long, MD, Louisville . . . **Sulfur Oxides and Suspended Particulate Matter** (Environmental Health Criteria 8) Reviewed by P. Gunby, Chicago . . . **Pneumonia** (Helfron) **The Biology of Pneumococcus** (White) Reviewed by M. Finland, MD, US Veterans Administration . . . **Books in Brief** . . . **Books Received**

SELECTED ABSTRACTS 74

CLASSIFIED ADVERTISING 76

INDEX TO ADVERTISERS 88

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

Joaquin Ferré, MD
Barcelona, Spain

Gilbert B. Forbes, MD
Rochester, NY

Daniel X. Freedman, MD
Chicago

Emil J. Freireich, MD
Houston

Harold G. Jacobson, MD
Bronx, NY

George D. Lundberg, MD
Davis and Sacramento, Calif

Frederick D. Malkinson, MD
Chicago

Howard G. McQuarrie, MD
Salt Lake City

Martin L. Nusynowitz, MD
San Antonio, Tex

Nicholas J. Pisacano, MD
Lexington, Ky

James Ransom, PhD
Los Altos, Calif

J. Graham Smith, Jr, MD
Augusta, Ga

Alfred Soffer, 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

The Cover

Still Life With Grapes, Peaches and Quinces, by Frans Snyders (Flemish, 1579-1657).

Panel, 75x54 cm.

Courtesy of the Boston Museum of Fine Arts, Boston.

Executive Vice-President: James H. Sammons, MD
Group Vice-President, Scientific Publications: William R. Barclay, MD
Director, Scientific Publications Division: Robert W. Mayo
Vice-President, Publishing: John T. Baker
Director, Publication Production and Printing Division: Norman D. Richey
Director, Advertising Sales and Promotion Services Division: Joseph Dennehy
Director, Circulation-Fulfillment: Helen R. Mazur
Director, Advertising Communications: Thomas J. Carroll
Director, Advertising Services: Raymond Christian
ADVERTISING OFFICES: Midwest/Farwest: 535 N Dearborn St, Chicago; IL 60610 (312-751-6675). **General Sales Manager:** Joseph Dennehy; **Midwest Sales Representatives:** James Anton, Alice Harvey, William Healy; **Farwest Sales Representative:** James Anton; **Eastern Office:** 609 Third Ave, Suite 600, New York, NY 10016 (212-867-6640). **Eastern Manager:** Robert C. Gorcoran; **Eastern Sales Representatives:** Mark Altier, Bill Tice, Cliff Vanderhoof.
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.

AMA Officers:
President: Hoyt D. Gardner, MD*; **President-Elect:** Robert B. Hunter, MD*; **Immediate Past President:** Tom E. Nesbitt, MD; **Secretary-Treasurer:** H. Thomas Ballantine, Jr, MD; **Speaker, House of Delegates:** William Y. Rial, MD; **Vice-Speaker, House of Delegates:** Harrison L. Rogers, Jr, MD

AMA Trustees
 Lowell H. Steen, MD (Chairman)*; H. Thomas Ballantine, Jr, MD; Joseph F. Boyle, MD*; Daniel T. Cloud, MD; Charles Max Cole, MD; John J. Coury, Jr, MD*; William S. Hotchkiss, MD; Frank J. Jirka, Jr, MD; W. J. (Jack) Lewis, MD; George H. Mills, MD*; Hubert A. Ritter, MD; George A. Rowland, MD*
 *Executive Committee