

Archives of Internal Medicine

Copyright © 1984 by the
American Medical Association

EDITORIAL BOARD

Chief Editor,
Alfred Soffer, MD
PO Box 776
Park Ridge, IL 60068

Editorial Assistant
Sandy Falkin

Louis V. Avioli, MD, St Louis
Jeremiah A. Barondess, MD, New York
O'Neill Barrett, Jr, MD, Columbia, SC
William H. Crosby, MD, Washington, DC
James E. Dalen, MD, Worcester, Mass
Marvin I. Dunn, MD, Kansas City, Kan
Alvan R. Feinstein, MD, New Haven, Conn
Philip Felig, MD, New Haven, Conn
Thomas F. Ferris, MD, Minneapolis
Edward D. Frohlich, MD, New Orleans
Julius M. Gardin, MD, Orange, Calif
Ronald B. George, MD, Shreveport, La
Stuart Levin, MD, Chicago
Richard W. Light, MD, Long Beach, Calif
Robert C. Little, MD, Augusta, Ga
Thomas L. Petty, MD, Denver
Robert E. Rakel, MD, Iowa City
Joseph C. Ross, MD, Charleston, SC
Mark Siegler, MD, Chicago
Steven Swiryn, MD, Evanston, Ill
David H. Spodick, MD, Worcester, Mass
James V. Talano, MD, Chicago
Sylvan Lee Weinberg, MD, Dayton, Ohio
Hyman J. Zimmerman, MD, Washington, DC

The ARCHIVES OF INTERNAL MEDICINE (ISSN 0003-9926) is published monthly by the American Medical Association, 535 N Dearborn St, Chicago, IL 60610, and is an official publication of the Association. Second-class postage paid at Chicago, and at additional mailing office.

SUBSCRIPTION RATES—The subscription rates for the ARCHIVES OF INTERNAL MEDICINE are as follows: for members of the AMA, \$1.50 included in the annual membership dues; for nonmembers, \$30 for one year, \$56 for two years in the United States and US possessions; all other countries, one year, \$40; two years, \$76 (add \$10 surcharge to each one-year subscription, \$20 for two years for air delivery to the United Kingdom and Europe only). Special yearly rates to residents and medical students in the United States and US possessions, one year, \$15; two years, \$28. 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 the American Medical Association, Circulation and Fulfillment Division, 535 N Dearborn St, Chicago, IL 60610. Phone: (312) 645-4929.

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.

Vol 144

No. 8

August 1984

EDITORIALS

- Graft-v-Host Disease Following Blood Transfusions** 1557
Paul Weiden, MD, Seattle
- Cessation of Smoking in Prevention and Treatment of Cardiac and Pulmonary Disease** 1558
Richard V. Ebert, MD, McKendree E. McNabb, MD, Little Rock, Ark
- Appropriate Evaluation and Therapy of Stinging Insect Hypersensitivity** 1560
Howard J. Schwartz, MD, Beachwood, Ohio

ORIGINAL INVESTIGATIONS

- Infection Prophylaxis in Acute Leukemia** 1562
Elihu Estey, MD; Andrew Maksymiuk, MD; Terry Smith; Victor Fainstein, MD; Michael Keating, MD; Kenneth B. McCredie, MD; Emil J Freireich, MD; Gerald P. Bodey, MD, Houston
- Hypouricemia, Inappropriate Secretion of Antidiuretic Hormone, and Small Cell Carcinoma of the Lung** 1569
Paul M. Passamonte, MD, Columbia, Mo
- Contrasting Short- and Long-term Effects of Weight Loss on Lipoprotein Levels** 1571
Michael J. Follick, PhD; David B. Abrams, PhD; Timothy W. Smith, PhD; L. Omar Henderson, PhD; Peter N. Herbert, MD, Providence, RI
- Artifactual Elevation of Serum Creatinine Level due to Fasting** 1575
Stephen R. Mascioli, MD; John P. Bantle, MD; Esther F. Freier, MS; Byron J. Hoogwerf, MD, Minneapolis
- Calcium Status Following Neck Radiation Therapy in Hodgkin's Disease** 1577
Shahla Nader, MD; Pamela N. Schultz, RN; Lillian M. Fuller, MD; Naguib A. Samaan, MD, PhD, Houston
- Transmission of Hepatitis A by Transfusion of Blood Products** 1579
Robert J. Sherertz, MD; Beverly A. Russell, RN; Peter D. Reuman, MD, Gainesville, Fla
- BP Changes in Obese Hypertensive Subjects During Rapid Weight Loss** 1581
Morton H. Maxwell, MD; Toshio Kushiro, MD; Leslie P. Dornfeld, MD; Michael L. Tuck, MD; Abraham U. Waks, MD, Los Angeles
- Bacterial Changes in the Urine Samples of Patients With Long-term Indwelling Catheters** 1585
Robert B. Breitenbucher, MD, Minneapolis

Continued on page 1523.

1521

James H. Sammons, MD, Executive Vice-President

Richard A. Noffke, Deputy Executive Vice-President, Corporate, Publishing and Management Services

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

John T. Baker, Vice-President, Publishing

Norman D. Richey, Director, Publication Production and Printing Division

Lee A. Parent, Director, Circulation-Fulfillment Division

Joseph Dennehy, General Sales Manager; Director, Advertising Sales and Promotion Services Division

Thomas J. Carroll, Director, Department of Promotion

Raymond Christian, Director, Advertising Services Department

PUBLICATION STAFF

Offices: 535 N Dearborn St,
Chicago, IL 60610

Gabriela Radulescu, Managing Editor and Director, Specialty Journal Department

Michael D. Springer, Assistant Editor

Mariene M. Hinsch, Production Manager

John R. Sayban, Assistant Production Manager

Cheryl Iverson, Editorial Processing Manager

Paula Giltman, Assistant Editorial Processing Manager

Dennis J. Shipley, Reprints and Permissions

Copy Editing: Juliann Lundell (Supervisor), Deborah Thorp (Free-lance Coordinator), Sonya Baran, Vickey Golden, Helen Valenta

Production Supervisors: Betty Frigerio (Advertising), Thomas J. Handrigan (Illustrations), Elizabeth Petrikenas (Proofreading), Bonnie Van Clevon (Editorial), JoAnne Weiskopf (Layout)

Proofreading: Verna Coffman, Patricia Coyne, Winifred O'Reilly, Lisette Sabbach, Barbara Wojtowicz

Art and Senior Production Assistants: Karen Branham, Diane Darnell, Donna Hagler, Jerri Hall-Gortowski, Debra Lucas, Marilyn Moroney, Terese Noto, Zack Price, Susan M. Routhier, Janice Techter, Sandra Williams, Blake Winter, Ellen Yoshihara

Production Assistant: Carmen Muñoz

Manuscript Records: Velma Adams

Editorial Assistant: Pearlene Lowder

Indexing: Phyllis H. McLaren (Supervisor), Mary Kay Tinerella, Pam Wood

Primary Care Medicine: Editor: Phil Gunby; Associate Editors: Kimberly Glasbrenner, Marsha Goldsmith, Charles Marwick (Washington), Kathryn Simmons, Terra Ziporyn

ADVERTISING OFFICES: Eastern: 600 Third Ave, Suite 700, New York NY 10016 (**Manager:** Robert C. Corcoran [212-867-6640]; **Representatives:** Phillip B. Altamore, John L. Reeves); Midwest/Farwest: 535 N Dearborn St, Chicago, IL 60610 (**Manager:** Thomas J. Carroll [312-645-4510]; **Representatives:** John P. Cahill, Midwest; Kenneth H. Jones, Farwest)

Advertising Principles.—Each advertisement in this issue has been reviewed and complies with the principles governing advertising in AMA scientific publications. A copy of these principles is available on request.

Continued from page 1521.

Oral Manifestations of Chronic Graft-v-Host Disease 1591

Mark M. Schubert, DDS, MSD; Keith M. Sullivan, MD; Thomas H. Morton, DDS, MSD; Kenneth T. Izutsu, PhD; Douglas E. Peterson, DMD, PhD; Nancy Flournoy, PhD; Edmond L. Truelove, DDS, MSD; George E. Sale, MD; C. Dean Buckner, MD; Rainer Storb, MD; E. Donnal Thomas, MD, Seattle

Thrombotic and Infectious Complications of Hickman-Broviac Catheters 1597

Michael B. Jacobs, MD, Mark Yeager, MD, PhD, Stanford, Calif

Bacterial Meningitis in the Elderly 1603

Geoffrey J. Gorse, MD; Lauri D. Thrupp, MD; Kenneth L. Nudleman, MD, Orange, Calif; Frederick A. Wyle, MD, Long Beach, Calif; Bonnie Hawkins, Thomas C. Cesario, MD, Orange, Calif

Campylobacter Infections in the United States 1610

Mark J. Finch, MD, Lee W. Riley, MD, Atlanta

Quality of Life and Its Predictors in Patients With Mild Hypoxemia and Chronic Obstructive Pulmonary Disease 1613

George P. Prigatano, PhD, Oklahoma City; Elizabeth C. Wright, MPH, Washington, DC; David Levin, MD, Oklahoma City

Hemophilus influenzae as a Cause of Urinary Tract Infections in Men 1623

Tesfai Gabre-Kidan, MD, Tacoma, Wash; Benjamin A. Lipsky, MD, James J. Plorde, MD, Seattle

The Effect of Single-Dose Methyldopa and Diuretic on BP and Left Ventricular Mass 1629

Moshe Weinstein, MD; Hadassah Hilewitz, MSc; Shlomo Rogel, MD, Jerusalem

Bacteremia in a Long-term Care Facility 1633

Usha Setia, MD; Isabel Serventi, RN; Patricia Lorenz, RN, Paramus, NJ

PATHOPHYSIOLOGY

Edward D. Frohlich, MD, Editor

Cold Hemagglutination Pathophysiology 1639

James H. Diaz, MD; E. Shannon Cooper, MD; John L. Ochsner, MD, New Orleans

SPECIAL REPORT

American College of Chest Physicians (ACCP)—National Heart, Lung, and Blood Institute (NHLBI) Conference on Oxygen Therapy 1645

Jack D. Fulmer, MD, FCCP, Chairman, Birmingham, Ala; Gordon L. Snider, MD, FCCP, Co-chairman, Boston

Continued on page 1527.

1523

Continued from page 1523.

CLINICAL APPLICATIONS OF THERAPEUTIC ADVANCES		
Ronald B. George, MD, Richard Light, MD, Editors		
DEPARTMENT EDITORS		
Nonsteroidal Anti-inflammatory Drugs Robert E. Wolf, MD, PhD, Shreveport, La	1658	
Basic Science Concepts Robert C. Little, MD Augusta, Ga		
Cardiovascular Diagnosis John H. K. Vogel, MD Santa Barbara, Calif		
Certain Things Physicians Do William H. Crosby, MD Washington, DC		
Clinical Applications of Therapeutic Advances Ronald B. George, MD Shreveport, La Richard Light, MD Long Beach, Calif		
Clinical Ethics Mark Siegler, MD Chicago		
Critical Care Medicine Max Harry Weil, MD, PhD North Chicago, Ill		
Echocardiogram of the Month James V. Talano, MD Chicago		
Electrocardiography for the Clinician Steven Swiryn, MD Evanston, Ill		
Grand Rounds Louis V. Avioli, MD St Louis		
Internal Milieu Lawrence D. Grouse, MD, PhD Chicago		
Pathophysiology Edward D. Frohlich, MD New Orleans		
	BASIC SCIENCE CONCEPTS	
	The Physiologic Basis for Clinical Edema Robert C. Little, MD (<i>Editor</i>), Jack M. Ginsburg, PhD, Augusta, Ga	1661
	REVIEW ARTICLE	
	Rifampin Drug Interactions Anne M. Baciewicz, PharmD, Jamaica, NY, Timothy H. Self, PharmD, Memphis	1667
	INTERNAL MILIEU	
	Lawrence D. Grouse, MD, PhD, Editor	
	A Metamorphosis Shelly David Senders, MD, Brooklyn, NY	1675
	'Dumped in the ER' Mary Shepard, MD, Portland, Ore	1676
	CLINICAL OBSERVATIONS	
	Drug-Induced Liver Injury Howard D. Kahn, MD; Guy B. Faguet, MD; Julia F. Agee, PhD; Henry M. Middleton III, MD, Augusta, Ga	1677
	Renal Failure From Metastatic Breast Carcinoma Reversed by Radiotherapy and Chemotherapy Howard L. Corwin, MD; Anatha Murthy, MD; Dennis Pessis, MD; Philip Bonomi, MD, Chicago	1679
	Fatal Hemothorax Caused by a Subclavian Hemodialysis Catheter John Stephen Tapson, MRCP, P. Robert Uldall, MD, Toronto	1685
	Granulocytotoxic Antibodies in a Patient With Propylthiouracil-Induced Agranulocytosis M. Michael Guffy, MD; Nancy E. Goeken, PhD; C. Patrick Burns, MD, Iowa City	1687
	κ-Chain Nephropathy Associated With Plasma Cell Leukemia Asif Rahman, MD; Robert T. Mossey, MD; Myron Susin, MD; Daniel Budman, MD; Lionel U. Mailloux, MD, Manhasset, NY	1689
	Trimethoprim-Sulfamethoxazole-Induced Cholestatic Hepatitis Patrick W. Thies, MS, William L. Dull, MD, Iowa City	1691
	REGULAR DEPARTMENTS	
	Editor's Correspondence	1693
	Primary Care Medicine	1537
	Instructions for Authors	1541
	Index to Advertisers	1700