

The ARCHIVES OF INTERNAL MEDICINE is a member of the consortium of AMA journals listed below. The complete text of all AMA journals is available online from Dialog Information Services and Ovid Technologies, Inc.

The Journal of the American Medical Association (JAMA)

Archives of Dermatology
Archives of Facial Plastic Surgery
Archives of Family Medicine
Archives of General Psychiatry
Archives of Internal Medicine
Archives of Neurology
Archives of Ophthalmology
Archives of Otolaryngology—Head & Neck Surgery
Archives of Pathology & Laboratory Medicine
Archives of Pediatrics & Adolescent Medicine
Archives of Surgery

The ARCHIVES OF INTERNAL MEDICINE (ISSN 0003-9926) is published twice a month, except for combined issues in August and December, by the American Medical Association, 515 N State St, Chicago, IL 60610, and is an official publication of the Association. The ARCHIVES OF INTERNAL MEDICINE reaches more than 95 800 readers in over 78 countries each month. Periodicals postage rates paid at Chicago, IL, and at additional mailing offices. GST registration number: 12622 5556 RT. Canada Post International Publications Mail (Canadian Distribution) Sales Agreement No. 318655.

Printed in the USA.

SUBSCRIPTION RATES—The personal subscription rates for the ARCHIVES OF INTERNAL MEDICINE are \$145 for 1 year (22 issues) in the United States and US possessions; \$195 in the Americas; £125 outside the Americas. The institution rates for 1 year are \$245 in the United States; \$345 in the Americas; £195 outside the Americas. Special rates for residents and medical students are available. Address all subscription communications to: Subscriber Services Center, American Medical Association, PO Box 10946, Chicago, IL 60610-0946. Phone: (800) 262-2350. Fax: (312) 464-5831. E-mail: ama-subs@ama-assn.org. For mailing addresses outside the United States and US possessions, see International Subscription Information.

CHANGE OF ADDRESS—POSTMASTER, send all address changes to ARCHIVES OF INTERNAL MEDICINE, c/o Subscriber Services, American Medical Association, 515 N State St, Chicago, IL 6610. Please notify us of address change at least 6 weeks in advance to ensure uninterrupted service. Include both old and new addresses, a recent mailing label, and new ZIP code. For mailing addresses outside the United States and US possessions, see International Subscription Information.

SUBSCRIBER SERVICES—For information about subscribing to any of the AMA publications, change of address, missing issues, or purchasing back issues, please contact Subscriber Services Center, American Medical Association, PO Box 10946, Chicago, IL 60610-0946, or call (800) 262-2350 or (312) 670-SUBS (670-7827) between 8:30 AM and 4:30 PM CST. Fax: (312) 464-5831. E-mail: ama-subs@ama-assn.org. For mailing addresses outside the United States and US possessions, see International Subscription Information.

INTERNATIONAL SUBSCRIPTION INFORMATION—Subscriptions outside the United States and US possessions are served according to geographic region. Please address correspondence to the following 2 offices based on delivery address: (1) For delivery in North America, Central America, and South America, contact Subscriber Services Center, AMA, PO Box 10946, Chicago, IL 60610-0946. Phone: (312) 670-7827. Fax: (312) 464-5831. E-mail: ama-subs@ama-assn.org. (2) For delivery outside the Americas, contact JAMA & Archives Journals, Reader Services Centre, PO Box 299, London WC1H9TD, England. Phone: +44 (0)171-383-6270. Fax: +44 (0)171-383-6402. E-mail: jama-archives@dial.pipex.com.

REPRINTS—Authors place their reprint order at the time the edited typescript is reviewed and should allow 4 to 6 weeks for delivery following publication. Requests for individual reprints should be sent directly to the author at the address shown in the article.

For bulk reprint orders for distribution by commercial organizations, please contact Wanda Bartolotta, 500 Fifth Ave, #2210, New York, NY 10110. Phone: (212) 354-0050. Fax: (212) 354-1169. E-mail: wanda_bartolotta@ama-assn.org. For reprint orders in limited quantities for distribution by educational organizations and for author reprints, please contact Reprint Coordinator, 515 N State St, Chicago, IL 60610. Phone: (312) 464-4594. Fax: (312) 464-4849.

PERMISSIONS—Contact Rhonda Bailey, Permissions Assistant, 515 N State St, Chicago, IL 60610. Phone: (312) 464-2513.

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. 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.

WORLD WIDE WEB ADDRESS—<http://www.ama-assn.org>.

INTERNAL MEDICINE HOME PAGE—<http://www.ama-assn.org/internal>.

Publication Staff

Offices: 515 N State St, Chicago, IL 60610

Editorial Processing Department,
Archives Journals

Director: Paula Glitman

Manager: Lise M. Stevens

Freelance Manager: Diane L. Cannon

Freelance Coordinators:

Mark Berthold
 Connie Manno

Electronic Editing Specialist:

Paul Frank

Assistant Electronic Editing Specialist:

Monica Mungle

Senior Copy Editors:

Dee E. Egger
 Brande Martin

Copy Editors:

Keith Huff
 John McFadden

Editorial Assistant: Wanda Hill

Specialty Journal Division Office

Assistant to the Publisher:

Christine Hearne

Circulation & Content

Marketing Division

Administrative Assistant:

Millette Jackson-Bates

Circulation Processing Department

Director: Beverly Martin

Circulation Development
Department

Director: Bina Oza

Circulation Marketing Managers:

Robert Herling
 Audrey Mathies
 Tim Ryan

Licensing & Permissions
Department

Director: Norman Frankel

Permissions: Rhonda Bailey

International Coordinator: Sharon Ali

Scientific Information
& Multimedia Group

Staff Assistant: Helga Fritz

Electronic Media Department

Interim Director: Marty Suter

Assistant Editors:

Deborah Flapan
 Neal Shankman

Staff Assistant: Marla A. Hall

Production & Distribution Division

Manager, Budgets & Costs:

Bonnie Van Clevon

Publishing Manufacturing Analyst:

Diane Darnell

Office Manager: Karen Branham

Production Assistant: Shannon Epplert

Advertising & Production
Department

Director: Karen Adams-Taylor

Production Specialist: Terri Hanley

Manager, Advertising Services:

Carole Piszker

Manager, Production Services:

Susan Price

Supervisor, Production Services:

Betty Frigerio

Production Associates:

Mary Anne Donley
 Mari Guizzetti
 Sarah Powell
 Denise Steinhauer
 Jo Anne Turner

Production Assistants:

Bryan Iryzk
 Beth A. Rillema

Distribution

Distribution Manager: Paul Gasielcki

Distribution Analyst:

Michelle Robinson

Traffic Control Specialist:

Victoria Buckner

Electronic Production Department

Director: Linda Knott

Manager, Composition & Pagination:

Phil Arko

Electronic Production Specialists:

Brenda Chandler-Grayer
 Heather Crego
 Karl Elvin
 Amy Evers
 Mary Ann Kuranda
 Sandra Lopez

Manager, Graphics: Charl Richey

Electronic Imaging Specialists:

Joe Amft
 Noel Chaparro
 Maria Kowalkowski
 JoAnne Weiskopf

Manager, Proofreading:

Teresa H. Omiotek

Proofreaders:

David Antos
 Daniel James
 Rachel Novickas
 Mary Kay Tinerella
 Barbara Wojtowicz

Manager, Database & New Media:

Mary Ellen Johnston

Indexer: Kathy Gaydar

New Media Specialists:

Gail Barrett
 Paul Boscoe
 Joel Brammeier
 Regina Brownlee
 La'son J. Diggs
 Anne McBride
 Melanie Parenti
 Angela Smits

Production Assistant: Ruth Sprague



ARCHIVES

OF

INTERNAL MEDICINE

www.ama-assn.org/internal

VOL 159 NO. 12, JUNE 28, 1999

EDITORIAL

- Antioxidant Therapy for Coronary Artery Disease: Don't Paint the Walls Without Treating the Termites!** 1279
Gordon A. Ewy, MD

REVIEW ARTICLES

- Treatment and Prevention of Sudden Cardiac Death: Effect of Recent Clinical Trials** 1281
Jeffrey J. Goldberger, MD
- Laboratory Diagnosis of Vitamin B₁₂ and Folate Deficiency: A Guide for the Primary Care Physician** 1289
Christopher F. Snow, MD
- Pulmonary Mucormycosis: The Last 30 Years** 1301
Francis Y. W. Lee, MD;
Sherif B. Mossad, MD;
Karim A. Adal, MD, MS
- Vitamin E and Coronary Artery Disease** 1313
Anne P. Spencer, PharmD;
Deborah Stier Carson, PharmD;
Michael A. Crouch, PharmD

ORIGINAL INVESTIGATIONS

- Bleeding During Warfarin and Aspirin Therapy in Patients With Atrial Fibrillation: The AFASAK 2 Study** 1322
Annette Lemche Gulløv, MD, PhD;
Birgitte Gade Koefoed, MD, PhD;
Palle Petersen, MD, DMSc
- Comparison of the Effects of Lean Red Meat vs Lean White Meat on Serum Lipid Levels Among Free-living Persons With Hypercholesterolemia: A Long-term, Randomized Clinical Trial** 1331
Michael H. Davidson, MD; Donald Hunninghake, MD;
Kevin C. Maki, PhD; Peter O. Kwiterovich, Jr, MD;
Stephanie Kafonek, MD
- Traditional Risk Factors and Subclinical Disease Measures as Predictors of First Myocardial Infarction in Older Adults: The Cardiovascular Health Study** 1339
Bruce M. Psaty, MD, PhD;
Curt D. Furberg, MD, PhD;
Lewis H. Kuller, MD, DrPH;
Diane E. Bild, MD, MPH;
Pentti M. Rautaharju, MD, PhD;
Joseph F. Polak, MD, MPH;
Edwin Bovill, MD;
John S. Gottdiener, MD

American Medical Association

Physicians dedicated to the health of America



Copyright 1999 by the American Medical Association. All rights reserved. Reproduction without permission is prohibited.

All articles published, including editorials, letters, and book reviews, represent the opinions of the authors and do not reflect the policy of the American Medical Association, the Editorial Board, or the institution with which the author is affiliated, unless this is clearly specified.

E. Ratcliffe Anderson, Jr, MD
Executive Vice President,
Chief Executive Officer

Lynn E. Jensen, PhD
Chief Operating Officer

Paul J. Blackney
Senior Vice President,
Publishing & Business Services

Robert L. Kennett
Vice President,
Publishing

Peter L. Payerli
Publisher

Peter G. Messina
National Sales Manager

Geoffrey A. Flick
Manager, Marketing Services

Cheryl Iverson
Director, Editorial Processing Division

Vanessa Hayden
Director, Production &
Distribution Division

James A. Skowrenski
Director, Circulation &
Content Marketing Division

Advertising Offices: East: Peter G. Messina, Kelly Lezynski, 119 Cherry Hill Rd, 3rd Flr, Parsippany, NJ 07054 (973) 263-9191.
Midwest/West: Alexis O'Connell, 515 N State, Chicago, IL 60610 (312) 464-2470.
AMA Classified Advertising Department: Thalia Moss, 800-262-2260.

Postural Hypotension and Postural Dizziness in Patients With Non-Insulin-Dependent Diabetes <i>Jin-Shang Wu, MD; Feng-Hwa Lu, MD; Yi-Ching Yang, MD; Chih-Jen Chang, MD</i>	1350	Culture Clash <i>Jorge A. García, MD, MS; Jann L. Murray-García, MD, MPH</i>	1373
Dry Eye and Dry Mouth in the Elderly: A Population-Based Assessment <i>Oliver D. Schein, MD, MPH; Marc C. Hochberg, MD, MPH; Beatriz Muñoz, MS; James M. Tielsch, PhD; Karen Bandeen-Roche, PhD; Thomas Provost, MD; Grant J. Anhalt, MD; Sheila West, PhD</i>	1359	In Reply <i>Jeffrey Berger, MD</i>	1373
Radioiodine Therapy for Multinodular Toxic Goiter <i>Birte Nygaard, MD, PhD; Laszlo Hegedüs, MD, PhD; Peter Ulriksen, MD; Kamilla Gerhard Nielsen, MD; Jens Mølholm Hansen, MD</i>	1364	The Underuse of Warfarin Treatment in the Elderly <i>Valery A. Portnoi, MD</i>	1374
		In Reply <i>Lawrence M. Brass, MD; Harlan M. Krumholz, MD; Jeanne D. Scinto, PhD, MPH; Deepak Mathur, MPH; Martha Radford, MD</i>	1374
		Ethics and Managed Care Can Coexist With a Free Market <i>Michael Z. Blumberg, MD, MSHA</i>	1375
		In Reply <i>Erich H. Loewy, MD; Roberta A. Loewy, MD</i>	1376
		Monitoring Adherence to HIV Therapy <i>Albert Tuldrà, PhD; Ma José Ferrer, PhD; Carmina R. Fumaz, PhD; Ramon Bayés, PhD; Roger Paredes, MD; David M. Burger, PhD; Bonaventura Clotet, MD, PhD</i>	1376
EDITOR'S CORRESPONDENCE			
Being Sensitive to the Specifics of Predictive Values in the Diagnosis of Tuberculous Pleuritis <i>Robert J. Nardino, MD; Stephen A. Atlas, MD</i>	1370		
In Reply <i>Richard W. Light, MD</i>	1370		
Proactive Measures Needed for Health Care Reform <i>Katherine Erwin, DDS, MPA</i>	1370		
In Reply <i>Debra S. Feldman, MD</i>	1371		
Work-Related Carpal Tunnel Syndrome: Fix the Jobs; Don't Blame the Workers <i>Susan Burt, DSc; Thomas Hales, MD, MPH</i>	1371		
In Reply <i>Steven G. Atcheson, MD</i>	1372		
		REGULAR DEPARTMENTS	
		Correction	1363
		ARCHIVES CME	1378
		Classified Advertising	1381
		Index to Advertisers	1384
		Instructions for Authors— See November 23, 1998 issue, page 2400, or visit the Web site at http://www.ama-assn.org/internal .	

ARCHIVES

OF
INTERNAL MEDICINE

Editor:
James E. Dalen, MD, MPH
2601 N Campbell Ave, Suite 202A
Tucson, AZ 85719

Deputy Editor
CME Editor:
Timothy C. Fagan, MD
Tucson, Ariz

Associate Editors:
Frederick R. Ahmann, MD
Tucson, Ariz

Robert J. Goldberg, PhD
Worcester, Mass

Eskild A. Petersen, MD
Tucson, Ariz

Editorial Assistant:
Janet S. Frank
Tucson, Ariz

Editorial Board:

Joseph S. Alpert, MD
Tucson, Ariz

Christine K. Cassel, MD
New York, NY

William S. Dalton, MD
Tampa, Fla

M. Brian Fennerty, MD
Portland, Ore

Faith T. Fitzgerald, MD
Sacramento, Calif

John P. Howe III, MD
San Antonio, Tex

Jack M. Matloff, MD
Los Angeles, Calif

Raymond Taetle, MD
Tucson, Ariz