

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 98 400 readers in over 82 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 \$295 in the United States; \$395 in the Americas; £245 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 60610. 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 Subscription Department, JAMA & Archives Journals, American Medical Association, Tower House, Sovereign Park, Market Harborough, Leicestershire LE15 9EF, England. Phone: +44 (0) 1858-438880. Fax: +44 (0) 1858-434958.

**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, 2441 84th St, Brooklyn, NY 11214. Phone: (718) 946-7424. Fax: (718) 946-7372. 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.archinternmed.com>

### Publication Staff

Offices: 515 N State St, Chicago, IL 60610

#### Editorial Processing Department

**Division Director:** Cheryl Iverson  
**Director:** Paula Glitman  
**Copyediting Manager:** Lise M. Stevens  
**Freelance Copyediting Manager:** Diane L. Cannon  
**Freelance Copyediting Coordinators:** Gwen Chaffen, Connie Manno  
**Electronic Editing Specialist:** Paul Frank  
**Assistant Electronic Editing Specialist:** Monica Mungle  
**Senior Copy Editors:** Dee E. Egger, Vickey Golden  
**Copy Editors:** Jean Kang, John McFadden, Donald S. Smith  
**Editorial Assistant:** Wanda Hill

#### Scientific Publications & Multimedia Applications

**Assistant to the Editor:** Helga Fritz

#### Scientific Online Resources

**Director:** Margaret Winker, MD  
**Electronic Media Department Director:** Michelle Kurzynski  
**Web Development Editor:** Keith Huff  
**Assistant Editor:** Nikhil Torsekar  
**Web Copy Editor:** Erin M. Giannini  
**Staff Assistant:** Marla A. Hall  
**Editorial Assistant:** Gemma Wall

#### Specialty Journal Division Office

**Manager, Marketing Services:** Geoffrey A. Flick  
**Assistant to the Publisher:** Christine Hearne

#### Circulation & Content Marketing Division

**Administrative Assistant:** Millette Jackson-Bates

#### Circulation Processing Department

**Director:** Robert Herling  
**Subscriber Services Manager:** Susan Stoken  
**Circulation Systems Manager:** Alfred Tomaselli  
**Circulation Specialists:** Reginald Jordan, Kathryn Osten

#### Circulation Development Department

**Director:** Bina Oza  
**Circulation Marketing Managers:** Vida Damijonaitis, Michael McGraw  
**Circulation Marketing Specialist:** Sandra Garzon

#### Licensing & Permissions Department

**Director:** Norman Frankel  
**Permissions:** Rhonda Bailey

#### Production & Distribution Division

**Directors:** Karen Adams-Taylor, Paul Gasiccki, Vanessa Hayden  
**Managers:** David Antos, Karen Branham, Debbie Camp, Diane Darnell, Karl Elvin, Betty Frigerio, Terri Hanley, Mary Ellen Johnston, Carole Piszker, Susan Price, Jo Anne Turner, Ellen Yoshihara  
**Production Assistants:** Kristy Kambanis, Ruth Sprague  
**Production Associates and Specialists**  
**Advertising and Production Services:** Susan Chiara, Mary Anne Donley, Sarah Powell, Denise Steinhauer, Jo Anne Turner, Ellen Yoshihara  
**Composition:** Rebecca Aiken, Brenda Chandler-Grayer, Amy Evers, Fred Furtner, Mary Ann Kuranda, Sandra Lopez  
**Database & New Media:** Bruce McGregor (indexer), Clifford O. Barrett, Gail Barrett, Joel Brammeier, Regina Brownlee, La'son J. Diggs, Melanie Parenti, Angela Smits  
**Distribution:** Michelle Robinson  
**Graphics:** Joe Amft, Noel Chaparro, Carolyn Hall, Maria Kowalkowski, Chris Meyer, JoAnne Weiskopf  
**Proofreading:** Daniel James, Teresa H. Omiotek, Mary Kay Tinerella, Barbara Wojtowicz, Agnes A. Zarkadas

#### Advertising

**National Sales Manager:** Peter G. Messina  
**AMA Classified Advertising Department:** Thalia Moss, 800-262-2260.  
**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 St, Chicago, IL 60610 (312) 464-2470.



# ARCHIVES

OF

## INTERNAL MEDICINE

OCTOBER 23, 2000 VOLUME 160, NUMBER 19 PAGES 2877-3016

### SPECIAL ARTICLE

- A Jewish Physician Amidst the Holocaust** 2891  
*Leonard J. Hoenig, MD*

### REVIEW ARTICLE

- The Heart and Estrogen/Progestin Replacement Study Revisited: Hormone Replacement Therapy Produced Net Harm, Consistent With the Observational Data** 2897  
*John A. Blakely, BA, MD, FRCPC*

### ORIGINAL INVESTIGATIONS

- Friend or Foe? How Primary Care Physicians Perceive Hospitalists** 2902  
*Alicia Fernandez, MD; Kevin Grumbach, MD; Lara Goitein, MD; Karen Vranizan, MA; Dennis H. Osmond, PhD; Andrew B. Bindman, MD*

- Physicians' Attitudes About Involvement in Lethal Injection for Capital Punishment** 2912  
*Neil Farber, MD; Elizabeth B. Davis, PhD; Joan Weiner, PhD; Janine Jordan, MD; E. Gil Boyer, EdD; Peter A. Ubel, MD*

- Vertebral Fracture Risk With Long-term Corticosteroid Therapy: Prevalence and Relation to Age, Bone Density, and Corticosteroid Use** 2917  
*Vasi Naganathan, FRACP; Graeme Jones, FRACP, MD; Peter Nash, FRACP; Geoff Nicholson, FRACP; John Eisman, FRACP, PhD; Philip N. Sambrook, FRACP, MD*

- Effectiveness and Economic Impact Associated With a Program for Outpatient Management of Acute Deep Vein Thrombosis in a Group Model Health Maintenance Organization** 2926  
*Donald J. Tillman, PharmD; Scott L. Charland, PharmD; Daniel M. Witt, PharmD*

- Determinants of Peripheral Arterial Disease in the Elderly: The Rotterdam Study** 2934  
*Wouter T. Meijer, MSc, MD, PhD; Diederick E. Grobbee, MD, PhD; M. G. Myriam Hunink, MD, PhD; Albert Hofman, MD, PhD; Arno W. Hoes, MD, PhD*

**American Medical Association**

Physicians dedicated to the health of America



Copyright 2000 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.

**Catherine D. DeAngelis, MD, MPH**  
Editor in Chief, Scientific Publications  
& Multimedia Applications

**Robert L. Kennett**  
Vice President, Publishing

**Peter L. Payerli**  
Publisher

**Cheryl Iverson**  
Managing Editor

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

**Robert A. Musacchio, PhD**  
Senior Vice President,  
Publishing & Business Services

- New Transient Ischemic Attack and Stroke: Outpatient Management by Primary Care Physicians** 2941  
Larry B. Goldstein, MD; John Bian, MS; Gregory P. Samsa, PhD; Arthur J. Bonito, PhD; Linda J. Lux, MPH; David B. Matchar, MD
- Safety and Efficacy of Meloxicam in the Treatment of Osteoarthritis: A 12-Week, Double-blind, Multiple-Dose, Placebo-Controlled Trial** 2947  
David Yocum, MD; Roy Fleischmann, MD; Paul Dalgin, MD; Jacques Caldwell, MD; David Hall, PhD; Paul Roszko, RPh; for the Meloxicam Osteoarthritis Investigators
- Diagnostic Efficacy of Unconjugated Plasma Metanephrines for the Detection of Pheochromocytoma** 2957  
Wolfgang Raber, MD; Wolfgang Rafflesberg; Martin Bischof, MD; Christian Scheuba, MD; Bruno Niederle, MD; Slobodan Gasic, MD; Werner Waldhäusl, MD; Michael Roden, MD
- The Detection of Dementia in the Primary Care Setting** 2964  
Victor G. Valcour, MD; Kamal H. Masaki, MD; J. David Curb, MD, MPH; Patricia Lanoie Blanchette, MD, MPH
- Exercise and Changes in Health Status in Patients With Ankylosing Spondylitis** 2969  
Zuzana Uhrin, MD; Susana Kuzis, MD; Michael M. Ward, MD, MPH
- Clinical Prediction of Acute Aortic Dissection** 2977  
Yskert von Kodolitsch, MD; Ann G. Schwartz, PhD, MPH; Christoph A. Nienaber, MD
- Hyperhomocysteinemia Is Associated With the Presence of Retinopathy in Type 2 Diabetes Mellitus: The Hoorn Study** 2984  
Ellen K. Hoogeveen, MD; Pieter J. Kostense, PhD; Petra E. D. Eysink, MD; Bettine C. P. Polak, MD; Pieter J. Beks, MD; Cornelis Jakobs, PhD; Jacqueline M. Dekker, PhD; Giel Nijpels, MD; Robert J. Heine, MD; Lex M. Bouter, PhD; Coen D. A. Stehouwer, MD
- Clinical Factors That Influence Patients' Desire for Participation in Decisions About Illness** 2991  
Dorcas Mansell, MD, MPH; Roy M. Poses, MD; Lewis Kazis, ScD; Corey A. Duefield, MPH
- Gastrointestinal Tolerability of the Selective Cyclooxygenase-2 (COX-2) Inhibitor Rofecoxib Compared With Nonselective COX-1 and COX-2 Inhibitors in Osteoarthritis** 2998  
Douglas J. Watson, PhD; Sean E. Harper, MD; Peng-Liang Zhao, PhD; Hui Quan, PhD; James A. Bolognese, MStat; Thomas J. Simon, MD

## ARCHIVES

OF

### INTERNAL MEDICINE

**Editor:**

**James E. Dalen, MD, MPH**  
1228 E Prince Rd  
Suite A  
Tucson, AZ 85719

**Deputy Editor:**

**Richard S. Liebowitz, 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

**EDITOR'S CORRESPONDENCE**

**Troglitazone as an Anti-inflammatory Agent 3004**

*Ken-ichiro Inoue, MD;  
Yutaka Kawahito, MD, PhD;  
Hajime Sano, MD, PhD*

**Aspirin in Diabetes:  
Beware of Retinopathy 3004**

*H. T. Ong, MBBS(Mal), FRCP(Glasg/Edin)*

**In Reply 3004**

*Samuel K. Kajubi, MD*

**NSAIDs, Intestinal Cell Integrity,  
and Bacterial Translocation  
in Chronic Heart Failure 3004**

*Mathias Rauchhaus, MD;  
Rakesh Sharma, BSc, MRCP;  
Aidan Bolger, BSc, MRCP*

**β-Blockers in Congestive Heart Failure:  
Is There a Difference Between Classes? 3005**

*Brian Stello, MD*

**In Reply 3005**

*Sara Bonet, MD; Antònia Agustí, MD;  
Josep Maria Arnau, MD; Xavier Vidal, MD;  
Eduard Diogène, MD; Enrique Galve, MD;  
Joan-Ramon Laporte, MD*

**Additional Monitoring Tools  
to Improve the Quality of  
Anticoagulation Management 3006**  
*Samuel K. Kajubi, MD*

**REGULAR DEPARTMENTS**

**Instructions for Authors 3007**

**ARCHIVES CME 3010**

**Classified Advertising 3013**

**Index to Advertisers 3016**