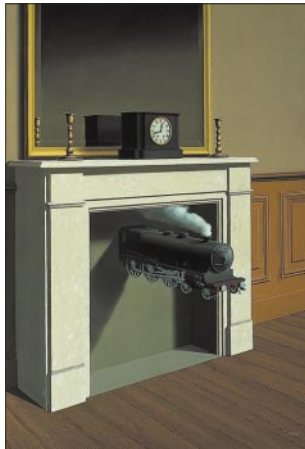


JAMA

The Journal of the American Medical Association



René Magritte (1898-1967), *Time Transfixed*, 1938, Belgian.

Letters

Editors and Owners of Scientific Journals 335

J. T. EVJY; M. BRADFORD, A. FLANAGIN, M. HELD, P. HUSTON, C. IVERSON, T. LANG, F. McLELLAN, B. MOSSMAN, T. PARKER; D. RENNIE

The Hospitalist's Role in Advance-Care Directives

L. BRICKNER, T. DROUGHT; S. Z. PANTILAT, A. ALPERS, R. M. WACHTER

Accurate Ascertainment of Child-Abuse Mortality

H. M. ROSENBERG, M. A. FREEDMAN; M. E. HERMAN-GIDDENS, G. BROWN, S. VERBIEST, P. J. CARLSON, E. G. HOOTEN, J. D. BUTTS

Estrogen-Receptor Status in Breast Cancer

Y.-H. KUO; S. R. CUMMINGS, D. GRADY, D. BLACK, S. ECKERT, K. A. KRUEGER, T. NICKELSEN, J. E. GLUSMAN, T. J. POWLES, J. A. CAULEY, L. NORTON, N. H. BJARNASON, M. MORROW, V. C. JORDAN, M. E. LIPPMAN, A. COSTA

Prescribing for Elderly Persons

G. T. LESSER, L. S. LIBOW; P. A. ROCHON, J. H. GURWITZ

Pressure to Publish in the Premedical Years

W. G. KUSCHNER

Research Letter 340

Human Papillomavirus Antibody and Risk of Prostate Cancer

M. HISADA, C. S. RABKIN, H. D. STRICKLER, W. E. WRIGHT, R. E. CHRISTIANSON, B. J. VAN DEN BERG

116 Years of CONTINUOUS PUBLICATION

EDITOR Catherine D. DeAngelis, MD, MPH

January 19, 2000

ORIGINAL CONTRIBUTIONS

Measles History and Atopic Diseases: A Population-Based Cross-sectional Study 343

M. PAUNIO, O. P. HEINONEN, M. VIRTANEN, P. LEINIKKI, A. PATJA, H. PELTOLA

Association Between Minor Elevations of Creatine Kinase-MB Level and Mortality in Patients With Acute Coronary Syndromes Without ST-Segment Elevation 347

J. H. ALEXANDER, R. A. SPARAPANI, K. W. MAHAFFEY, J. W. DECKERS, L. K. NEWBY, E. M. OHMAN, R. CORBALAN, S. L. CHIERCHIA, J. B. BOLAND, M. L. SIMOONS, R. M. CALIFF, E. J. TOPOL, R. A. HARRINGTON; FOR THE PURSUIT STEERING COMMITTEE

Urinary and Sexual Function After Radical Prostatectomy for Clinically Localized Prostate Cancer: The Prostate Cancer Outcomes Study 354

J. L. STANFORD, Z. FENG, A. S. HAMILTON, F. D. GILLILAND, R. A. STEPHENSON, J. W. ELEY, P. C. ALBERTSEN, L. C. HARLAN, A. L. POTOSKY

Trends in Pregnancy-Related Smoking Rates in the United States, 1987-1996 361

S. H. EBRAHIM, R. L. FLOYD, R. K. MERRITT II, P. DECOUFLE, D. HOLTZMAN

PRELIMINARY COMMUNICATION

Methylnaltrexone for Reversal of Constipation Due to Chronic Methadone Use: A Randomized Controlled Trial 367

C.-S. YUAN, J. F. FOSS, M. O'CONNOR, J. OSINSKI, T. KARRISON, J. MOSS, M. F. ROIZEN

REVIEW

Physicians and the Pharmaceutical Industry: Is a Gift Ever Just a Gift? 373

A. WAZANA

CONSENSUS STATEMENT

Antiretroviral Therapy in Adults: Updated Recommendations of the International AIDS Society-USA Panel 381

C. C. J. CARPENTER, D. A. COOPER, M. A. FISCHL, J. M. GATELL, B. G. GAZZARD, S. M. HAMMER, M. S. HIRSCH, D. M. JACOBSEN, D. A. KATZENSTEIN, J. S. G. MONTANER, D. D. RICHMAN, M. S. SAAG, M. SCHECHTER, R. T. SCHOOLEY, M. A. THOMPSON, S. VELLA, P. G. YENI, P. A. VOLBERDING

COMMENTARY

Interactions Between Physicians and the Health Care Technology Industry 391

R. M. TENERY, JR

EDITORIAL

Protection Against Atopic Diseases by Measles—A Rash Conclusion? ... 394

J. E. GERN, S. T. WEISS

JAMA

Humanities

THE COVER 301

Time Transfixed

M. T. SOUTHGATE

A PIECE OF MY MIND 305

A Fragile Commodity

J. STEIN

POETRY AND MEDICINE 308

Parkinson's

J. SKILLMAN

JAMA 100 YEARS AGO 309

Innocuous Insomnia?

Respiratory Gymnastics
in Pulmonary Tuberculosis

Reader Service

This Week in JAMA 297

Masthead 298

Abstracts 311

Archives Journals Abstracts 314

Correction 341

Obituary Listing 409

Continuing Medical Education

JAMA Reader's Choice 411

Classified Advertising

and Announcements 413

Index of Advertisers 423

Subscription, Business,

and Contact Information 423

Reference Directories

Meetings in the United States and
International Meetings January 12, 2000

Organizations of Medical Interest
and State Medical Associations and
Examinations and Licensure July 28, 1999

JAMA Instructions for Authors

JANUARY 5, 2000

JAMA Key and Critical Objectives

JANUARY 5, 2000

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.

www.jama.com

FROM THE JAMA WEB SITES

Chimpanzees as Original Source for HIV 310

T. M. FOLKS

LETTER FROM MTENDELI

An Evaluation of Poor Pregnancy Outcomes

Among Burundian Refugees in Tanzania 397

D. J. JAMIESON, S. F. MEIKLE, S. D. HILLIS,
D. MTSUKO, S. MAWJI, A. DUERR

BOOKS, JOURNALS, NEW MEDIA 403

Blind Eye: How the Medical Establishment Let a Doctor Get Away With Murder (Stewart)

REVIEWED BY J. HAUSER

State Medical Boards and the Politics of Public Protection (Ameringer)

REVIEWED BY J. A. GOLD

The Scalpel and the Silver Bear (Alvord, Van Pelt)

REVIEWED BY R. LOEWE

Epilepsy: The Comprehensive CD-ROM (Engel, Pedley, eds)

REVIEWED BY T. RILEY

Books, Journals, New Media Received

JAMA PATIENT PAGE

Allergies 424

News and Analysis

MEDICAL NEWS & PERSPECTIVES 317

Researchers Buoyed by Promise of Targeted Leukemia Therapy

Increases in Global Access to Essential Drugs Sought

Miscellanea Medica

HEALTH AGENCIES UPDATE 325

Genetics Milestone

Mental Disorders Undertreated

Targeting Medical Errors

Stem Cell Guidelines

FROM THE CENTERS FOR DISEASE CONTROL AND PREVENTION 326

Achievements in Public Health, 1900-1999: Family Planning

Carbon Monoxide Poisoning Associated With Use of LPG-Powered (Propane)

Forklifts in Industrial Settings—Iowa, 1998

©2000 American Medical Association. All rights reserved.

295

JAMA

EDITORIAL STAFF

EDITOR

Catherine D. DeAngelis, MD, MPH

Deputy Editors: Richard M. Glass, MD, Drummond Rennie, MD, Phil B. Fontanarosa, MD, Margaret A. Winker, MD

Senior Contributing Editor: M. Therese Southgate, MD

Managing Senior Editor: Annette Flanagan

Contributing Editors: Charles B. Clayman, MD, Helene M. Cole, MD, Thomas B. Cole, MD, MPH, David S. Cooper, MD, Thomas C. Jefferson, MD, David H. Mark, MD, MPH, Harriet S. Meyer, MD, Carin M. Olson, MD, Jeanette M. Smith, MD, Jody W. Zylke, MD

Consulting Editors: Robert A. Clark, MD, Deborah J. Cook, MD

Statistical Editor: Naomi Vaisrub, PhD

Associate Editors: Charlene Breedlove, Roxanne K. Young

Fishbein Fellow: Stephen J. Lurie, MD, PhD

International Fellow: Maria Guadalupe Campos, PhD

Medical News & Perspectives: Marsha F. Goldsmith (editor); Charles Marwick, Mary Jane Friedrich, Mike Mitka, Joan Stephenson, PhD (associate editors); Rebecca Voelker (contributing editor)

Assistant Editor: Juliana M. Walker

Staff Assistant: Helga Fritz

Editorial Graphics: Ronna Henry Siegel, MD (director); Jill Ghormley (medical illustrator)

Electronic Media: Marty Suter (director); Brande Martin, Neal Shankman (assistant editors); Marla A. Hall (staff assistant)

MSJAMA: Jonathan H. Lin, PhD, Sue Sun Yom (editors)

Editorial Systems and Administration: Elaine Williams (director); Lenette Gardner-Gullens (electronic input supervisor); Fanny L. Brown, Celina Canchola (electronic input specialists)

Editorial Assistants: Linda Baker, Patricia Joworski, Gale Saulsberry (group supervisors); Kemberly Evans (letters coordinator); Mary Cannon, Susan Collister, Audrey Forman, Shirley Gogins, Charisse Green, Gwenn Gregg, Lisa Hardin, Carmina Landeros, Mary Ann Lilly, Ethel Pinkston, Jennifer Relling, Raul Serrato, Nadine Siewnarine, Gloria Tate

Editorial Processing Division: Cheryl Iverson (director); Paul Frank (electronic editing specialist); Monica Mungle (assistant electronic editing specialist)

Copyediting: Stacy L. Christiansen (director); Joy K. Jaeger (abstracts editor); Coleen Adamson, Susan R. Benner (senior copy editors); Diane Howard, Marie Reinke, Beverly Stewart

PUBLISHING AND BUSINESS STAFF

Vice President, Publishing: Robert L. Kennett

Publisher: Peter J. Murphy

Production and Distribution Division: Vanessa Hayden (director), Diane Darnell (publishing manufacturing analyst), Bonnie Van Cleven (manager, budgets and costs), Karen Adams-Taylor (director, advertising and production), Paul Gasiecki (manager, distribution), Debbie Camp (production services supervisor), Terri Hanley (production specialist)

Managers: Phil Arko (composition), Mary Ellen Johnston (database and new media), Teresa Omiotek (proofreading), Carole Piszker (advertising), Susan Price (print production), Charl Richey (color and graphics)

Proofreaders: David Antos, Daniel James, Rachel Novickas, Mary Kay Tinerella, Barbara Wojtowicz

Production Associates and Specialists: Joseph Amft, Gail Barrett, Joel Brammeier, Karen Branham, Regina Brownlee, Victoria Buckner, Noel Chaparro, Brenda Chandler-Grayer, Heather Crego, La'son J. Diggs, Mary Anne Donley, Karl Elvin, Shannon Epplett, Amy Evers, Kathy Gaydar, Carolyn Hall, Maria Kowalkowski, Mary Ann Kuranda, Sandra Lopez, Christopher Meyer, Melanie Parenti, Sarah Powell, Michelle Robinson, Angela Smits, Denise Steinhauer, Jo Anne Turner, JoAnne Weiskopf, Amelia Zamudio

Production Assistants: Bryan Irzyk, Ruth Sprague

Circulation and Content Marketing Staff:

James A. Skowrenski (director)

Circulation Processing: Robert Herling (director); Susan Stoken, Alfred Tomaselli (managers); Reginald Jordan, Kathryn Osten (specialists)

Circulation Development: Bina Oza (director); Audrey Mathies, Timothy Ryan (managers); Sandra Garzon, Michael McGraw (specialists)

Licensing and Permissions: Norman Frankel (director); Rhonda Bailey (permissions)

Subscriber Services: (800) 262-2350; fax: (312) 464-5831; e-mail: ama-sub@ama-assn.org

Advertising Sales Staff: Stuart H. Williams (director)

Eastern: Susan J. Carollo, Alice H. Herman (representatives); 119 Cherry Hill Rd, Third Floor, Parsippany, NJ 07054, (973) 263-9191

Midwest/Farwest: Jeffery J. Bonistalli (representative); 515 N State St, Chicago, IL 60610, (312) 464-2551

Classified Advertising: Crystal Wells (representative); 515 N State St, Chicago, IL 60610, (312) 464-2456

Marketing Services Manager: Kathleen Hiltz

AMA EXECUTIVES AND TRUSTEES

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

Chief Operating Officer: Lynn E. Jensen, PhD

Senior Vice President, Publishing and Business Services: Robert A. Musacchio, PhD

President: Thomas R. Reardon, MD

President-Elect: Randolph D. Smoak, Jr, MD

Immediate Past President: Nancy W. Dickey, MD

Speaker, House of Delegates: Richard F. Corlin, MD

Vice-Speaker, House of Delegates: John A. Knotte, MD

Trustees: D. Ted Lewers, MD (chair); Timothy T. Flaherty, MD (vice chair); Yank D. Coble, Jr, MD (secretary-treasurer); Herman I. Abramowitz, MD; Susan Hershberg Adelman, MD; Duane M. Cady, MD; J. Edward Hill, MD; Matthew Kagan (student); William H. Mahood, MD; John C. Nelson, MD; Donald J. Palmisano, MD; William G. Plested, MD; Liana Puscas, MD (resident); Joseph A. Riggs, MD; Bruce A. Scott, MD (young physician)

JOURNAL OVERSIGHT COMMITTEE

Christine K. Cassel, MD, David A. Kessler, MD, JD, Joshua Lederberg, PhD, Robert A. Musacchio, PhD, William M. Passano, Jr, Roy M. Pitkin, MD, Kenneth I. Shine, MD

EDITORIAL BOARD

Daniel M. Albert, MD
University of Wisconsin Hospital and Clinics
Madison, Wis

Kenneth A. Arndt, MD
Harvard Medical School
Boston, Mass

H. David Banta, MD
The Netherlands Organization
for Applied Scientific Research
Leiden, the Netherlands

Jack D. Barchas, MD
Cornell University Medical College
New York, NY

Michael Berger, MD
Heinrich Heine Universität Düsseldorf
Düsseldorf, Germany

Robert J. Blendon, ScD
Harvard University
Boston, Mass

Marjorie A. Bowman, MD, MPA
University of Pennsylvania Health System
Philadelphia, Pa

James E. Dalen, MD
University of Arizona College of Medicine
Tucson, Ariz

Lois DeBaakey, PhD
Baylor College of Medicine
Houston, Tex

Ronald G. Evens, MD
Washington University
School of Medicine
St Louis, Mo

Alain Joffe, MD
Johns Hopkins University
School of Medicine
Baltimore, Md

Michael E. Johns, MD
Robert W. Woodruff Health Sciences
Center of Emory University
Atlanta, Ga

Colin I. Johnston, MB, BS
University of Melbourne
Melbourne, Australia

Wayne F. Larrabee, Jr, MD
University of Washington
Seattle, Wash

Hervé Maisonneuve, MD
Paris 7 University
Paris, France

Kenneth D. McClatchey, MD, DDS
Loyola University Medical Center
Maywood, Ill

C. David Naylor, MD, DPHl
University of Toronto
Toronto, Ontario, Canada

Claude H. Organ, Jr, MD
University of California—Davis, East Bay
Oakland, Calif

Edmund D. Pellegrino, MD
Georgetown University
Washington, DC

Reed E. Pyeritz, MD, PhD
MCP Hahnemann University
Pittsburgh, Pa

Uwe E. Reinhardt, PhD
Princeton University, Princeton, NJ

Povl Riis, MD, DSCI, DHC
Professor of Medicine
Copenhagen, Denmark

William L. Roper, MD, MPH
University of North Carolina at Chapel Hill
Chapel Hill, NC

Roger N. Rosenberg, MD
University of Texas
Southwestern Medical Center
Dallas, Tex

Renée Solomon, MD
Mount Sinai—NYU Medical Center
New York, NY

Masaaki Terada, MD
National Cancer Center
Tokyo, Japan

INTERNATIONAL ADVISORY COMMITTEE

Bassel Atallah, MD, JAMA—Middle East
Mauro Bologna, MD, JAMA—Italy
Romuald Debski, MD, PhD, JAMA—Poland
Csaba Farsang, MD, DSc, JAMA—Hungary
Carlos R. Gherardi, MD, JAMA—Argentina
Carla Gikovate, MD, MSc, JAMA—Brazil
Hiromasa Ishii, MD, JAMA—Japan
Evin Kantemir, MD, JAMA—Turkey
A. J. Khan, SI, FRCP, JAMA—Pakistan
Jin-Pok Kim, MD, JAMA—Korea
C. R. Kumana, MBBS, JAMA—Southeast Asia
Li Chengyi, MD, JAMA—China
Alexandra Livaditou, MD, JAMA—Greece
Victor Hugo Olmedo Canchola, MD, JAMA—Mexico
Ivan Vidmar, MD, JAMA—Slovenia
Miquel Vilardell-Tarres, MD, JAMA—Spain
Jiří Widimský, MUDr, DrSc, JAMA—Czech/Slovak
Alexei Yurenev, MD, JAMA—Russia