

JAMA

The Journal of the American Medical Association



Jan Miense Molenaer (c 1610-1668), *Allegory of Vanity*, 1633, Dutch.

Letters

Patients' Stories as Narrative 447

W. J. DONNELLY; M. R. PARIS;
N. YANES-HOFFMAN; C. B. HENDERSON;
R. CHARON

Use of Anticoagulants in Patients
With Sepsis

M. LANGER, F. RICCARDI, F. PIOVELLA,
C. KLERSY; S. M. OPAL, S. KNAUB,
H.-O. KEINECKE

Measuring the Effect
of Sibutramine
for Weight Loss

T. RANSOM, E. UR; A. WIRTH

Interferon Assay Compared
to Tuberculin Skin Testing
for Latent Tuberculosis Detection

A. HERSH, C. F. VON REYN;
C. HERZMANN; G. H. MAZUREK

Citation of Unethical Research

M. FURMANSKI; D. T. DENNIS,
T. V. INGLESBY, T. O'TOOLE,
D. A. HENDERSON

118 Years of
CONTINUOUS
PUBLICATION

EDITOR
Catherine D. DeAngelis, MD, MPH

www.jama.com

January 23/30, 2002

ORIGINAL CONTRIBUTIONS

Excessive Daytime Sleepiness and
Sudden-Onset Sleep in Parkinson Disease:
A Survey by the Canadian Movement Disorders Group 455

D. E. HOBSON, A. E. LANG, W. R. W. MARTIN,
A. RAZMY, J. RIVEST, J. FLEMING

The Changing Epidemiology of Rubella in the 1990s:
On the Verge of Elimination and New Challenges
for Control and Prevention 464

S. E. REEF, T. K. FREY, K. THEALL, E. ABERNATHY, C. L. BURNETT,
J. ICENOGLU, M. M. MCCAULEY, M. WHARTON

Data Withholding in Academic Genetics:
Evidence From a National Survey 473

E. G. CAMPBELL, B. R. CLARRIDGE, M. GOKHALE, L. BIRENBAUM,
S. HILGARTNER, N. A. HOLTZMAN, D. BLUMENTHAL

Chelation Therapy for Ischemic Heart Disease:
A Randomized Controlled Trial 481

M. L. KNUDTSON, D. G. WYSE, P. D. GALBRAITH, R. BRANT, K. HILDEBRAND,
D. PATERSON, D. RICHARDSON, C. BURKART, E. BURGESS;
FOR THE PROGRAM TO ASSESS ALTERNATIVE TREATMENT STRATEGIES
TO ACHIEVE CARDIAC HEALTH (PATCH) INVESTIGATORS

REVIEW

The Hospitalist Movement 5 Years Later 487

R. M. WACHTER, L. GOLDMAN

COMMENTARY

US Immunization Policy 505

J. S. ABRAMSON, L. K. PICKERING

EDITORIAL

Daytime Sleepiness, Agonist Therapy, and Driving
in Parkinson Disease 509

C. L. COMELLA

CLINICIAN'S CORNER

CLINICAL CROSSROADS

Caring for a 70-Year-Old Vietnamese Woman 495

S. J. MCPHEE

An 8-Year-Old Boy With Autism, 1 Year Later 504

R. A. PARKER, E. E. HARTMAN

(Reprinted) (TABLE OF CONTENTS CONTINUED ON PAGE 409.) 407

©2002 American Medical Association. All rights reserved.

JAMA

Humanities

THE COVER 415

Allegory of Vanity

M. T. SOUTHGATE

A PIECE OF MY MIND 417

The Knapsack

F. NENNER

POETRY AND MEDICINE 421

One Morning

A. SHAFER

JAMA 100 YEARS AGO 422

Pulmonary Fearlessness

Reader Service

This Week in JAMA 411

Masthead 412

Abstracts 428

Archives Journals Abstracts 434

Continuing Medical Education 527

Classified Advertising and Announcements 530

Index of Advertisers 541

Reference Directories

Meetings in the United States and International Meetings January 9, 2002

Organizations of Medical Interest and State Medical Associations and Examinations and Licensure July 25, 2001

JAMA Instructions for Authors

January 2, 2002

Contact Information 541

Subscriptions: (800) 262-2350

fax: (312) 464-5831

ama-subs@ama-assn.org

Permissions: (312) 464-2513

fax: (312) 464-5835

rhonda_bailey@ama-assn.org

Editorial Office: (312) 464-2402

fax: (312) 464-5824

jamams@ama-assn.org

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

CONTEMPO UPDATES: LINKING EVIDENCE AND EXPERIENCE 425

Mycotoxins

R. A. ETZEL

LETTER FROM SIERRA LEONE 513

Prevalence of War-Related Sexual Violence and Other Human Rights Abuses Among Internally Displaced Persons in Sierra Leone

L. L. AMOWITZ, C. REIS, K. H. LYONS, B. VANN, B. MANSARAY, A. M. AKINSULURE-SMITH, L. TAYLOR, V. IACOPINO

BOOKS, JOURNALS, NEW MEDIA 522

A Life of Sir Francis Galton:

From African Exploration to the Birth of Eugenics (Gillham)

REVIEWED BY D. J. GALTON

Wilderness Medicine (textbook and CD-ROM) (Auerbach, ed)

REVIEWED BY M. S. JASTREMSKI

The Man Who Found the Missing Link: Eugene Dubois and His Lifelong Quest to Prove Darwin Right (Shipman)

REVIEWED BY A. M. CLARFIELD

The Liver: Biology and Pathobiology (Arias et al, eds)

REVIEWED BY F. L. IBER

Color Atlas and Synopsis of Clinical Dermatology: Common and Serious Diseases (Fitzpatrick et al)

REVIEWED BY M. B. BRODIN

Books, Journals, New Media Received

JAMA PATIENT PAGE

Rubella 542

News and Analysis

MEDICAL NEWS & PERSPECTIVES 437

Football Brain Injuries Draw Increased Scrutiny

Tumoricidal Temperature-Related Treatments

WHO Report Urges Putting More Money Behind Words

Miscellanea Medica

QUICK UPTAKES 443

Early Anthrax Identification

Stroke Recovery Improved

Bone Repair Breakthrough?

Restoring Impaired Memory

FROM THE WORLD HEALTH ORGANIZATION 444

The War Against Disease: Investing in Health, Investing in Our Common Future

FROM THE CENTERS FOR DISEASE CONTROL AND PREVENTION 445

Evaluation of *Bacillus anthracis* Contamination Inside the Brentwood Mail Processing and Distribution Center—District of Columbia, October 2001

©2002 American Medical Association. All rights reserved.

(Reprinted) 409

JAMA

EDITORIAL STAFF

EDITOR

Catherine D. DeAngelis, MD, MPH

Executive Deputy Editor: Phil B. Fontanarosa, MD

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

Senior Contributing Editor: M. Therese Southgate, MD

Managing Senior Editor: Annette Flanagan

Senior Editor: Stephen J. Lurie, MD, PhD

Contributing Editors: Charles B. Clayman, MD, Helene M. Cole, MD, Thomas B. Cole, MD, MPH, David S. Cooper, MD, Michael S. Lauer, MD, Wendy Levinson, MD, David H. Mark, MD, MPH, Robert A. McNutt, MD, Harriet S. Meyer, MD, Carrin M. Olson, MD, Jeanette M. Smith, MD, Jody W. Zylke, MD

Consulting Editor: Deborah J. Cook, MD

Statistical Editor: Naomi Vaisrub, PhD

Associate Editors: Charlene Breedlove, Roxanne K. Young

Fishbein Fellow: Janet M. Torpy, MD

Medical News & Perspectives: Marsha F. Goldsmith (editor); Mike Mitka, Joan Stephenson, PhD, Brian Vastag (associate editors); Rebecca Voelker (contributing editor)

Assistant Editors: Jennifer Reiling, Juliana M. Walker

MSJAMA: Stuart P. Weisberg (editor)

Assistant to the Editor: Helga Fritz

Administrative Assistant: Nadine Siewnarine

Editorial Graphics: Ronna Henry Siegel, MD (director); Cassio Lynn (medical illustrator)

Electronic Media: Michelle Kurzynski (director); Katherine Behar, Erin Giannini (associate Web editors); Marla A. Hall (Web office manager)

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

Staff Assistant: Gloria Tate

Editorial Assistants: Patricia Joworski (group supervisor); Mary Cannon, Susan Collister, Dawn Cortez, Audrey Forman, Shirley Gogins, Gwenn Gregg, Lisa Hardin, Carmina Landeros, Mary Ann Lilly, Rachell M. Lozano, Rosa E. Miranda, Lupe Morales, Ethel Pinkston, Cara Savage, Kenny Stewart

Editorial Processing Division: Cheryl Iverson (director); Paul Frank, Monica Mungle (editorial systems managers); J. D. Neff (associate editorial systems developer)

Copyediting: Stacy L. Christiansen (director); Joy K. Jaeger (abstracts editor); Coleen Adamson, Susan R. Benner, Beverly Stewart (senior copy editors); Phil Sefton, Heather A. Shebel, Cara Wallace

PUBLISHING AND BUSINESS STAFF

Vice President, Publishing: Nawin Gupta, PhD

Publisher: Peter J. Murphy

Production and Distribution Division:

Directors: Karen Adams-Taylor, Paul Gasielki, Vanessa Hayden

Managers: David Antos, Karen Branham, Debbie Camp, Diane Darnell, Karl Elvin, Betty Frigerio, Terri Hanley, Mary Ellen Johnston, Carole Piszker, Susan Price, Charl Richey, Carmela Ware

Production Assistant: Kristy Kambanis

Production Associates and Specialists:

Advertising and Production Services: LaWanda Brown, Susan Chiara, Mary Anne Donley, Brian McCartney, Sarah Powell, Denise Steinhauser, 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, Regina Brownlee, Rowena F. Dagang, John Marcinek, La'Son Diggs Sledge, Angela Smits

Distribution: Linda Alexander, Michelle Robinson

Graphics: Joe Amft, Noel Chaparro, Carolyn Hall,

Maria Kowalkowski, Chris Meyer, JoAnne Weiskopf

Proofreading: Daniel James, Teresa H. Omiolek, Mary Kay Tinerella, Barbara Wojtowicz, Agnes A. Zarkadas

Circulation Processing: Karen Howes (director); Alfred Tomaselli (manager); Reginald Jordan, Kathryn Osten (specialists); Julie Burton (assistant application administrator)

Circulation Development: Bina Oza (director); Vida Damijonaitis, Donna Goldman, Michael McGraw (managers); Sandra Garzon (specialist)

Licensing and Permissions: Norman Frankel (director); Rhonda Bailey (permissions); fax: (312) 464-5835

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

Advertising Sales Staff: Stuart H. Williams (director)

Eastern: Susan J. Carollo, Nancy E. Souza (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 (director); 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: Michael D. Maves, MD, MBA

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

President: Richard F. Corlin, MD

President-Elect: Yank D. Coble, Jr, MD

Immediate Past President: Randolph D. Smoak, Jr, MD

Speaker, House of Delegates: John A. Knote, MD

Vice-Speaker, House of Delegates: Nancy H. Nielsen, MD, PhD

Trustees: Timothy T. Flaherty, MD (chair); J. Edward Hill, MD (chair-elect); Donald J. Palmisano, MD (secretary-treasurer); Herman I. Abromowitz, MD; Susan Hershsberg Adelman, MD; Duane M. Cady, MD; Ronald M. Davis, MD; Hillary Johnson (student); D. Ted Lewers, MD; John C. Nelson, MD; William G. Plested III, MD; J. James Rohack, MD; Joseph A. Riggs, MD; Bruce A. Scott, MD (young physician); Peter Y. Watson, MD (resident)

JOURNAL OVERSIGHT COMMITTEE

Joshua Lederberg, PhD (chair), Christine K. Cassel, MD, David A. Kessler, MD, JD, 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

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

Joseph T. Coyle, MD
Harvard Medical School
Boston, Mass

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

Lois DeBakey, PhD
Baylor College of Medicine
Houston, Tex

Pierre Durieux, MD, MPH
Université Paris 6
Paris, France

Ronald G. Evens, MD
Barnes-Jewish Hospital
St Louis, Mo

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

Mary-Claire King, PhD
University of Washington
Seattle, Wash

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

Joseph K. Lim, MD
Yale University School of Medicine
New Haven, Conn

Donald A. B. Lindberg, MD
National Library of Medicine
Bethesda, Md

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

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

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

Frederick P. Rivara, MD, MPH
University of Washington
Seattle, Wash

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

Masaaki Terada, MD
National Cancer Center
Tokyo, Japan

INTERNATIONAL ADVISORY COMMITTEE

Bassel Atallah, MD, JAMA—Middle East

Mauro Bologna, MD, JAMA—Italy

Csaba Farsang, MD, DSc, JAMA—Hungary

Igor Francetic, MD, PhD, JAMA—Croatia

Evarist Feliu Frasnado, MD, JAMA—Spain

Zbigniew A. Gaciong, MD, PhD, JAMA—Poland

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

Li Chengyi, MD, JAMA—China

Victor Hugo Olmedo Canchola, MD, JAMA—Mexico

Ivan Vidmar, MD, JAMA—Slovenia

Jiří Widimský, MUDr, DrSc, JAMA—Czech/Slovak

Alexei Yurenev, MD, JAMA—Russia