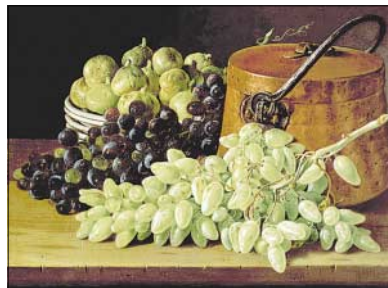


JAMA

The Journal of the American Medical Association



Luis Egidio Meléndez (1716-1780), *Still Life With Grapes and Figs*, c 1765-1775, Spanish.

Letters

Dairy Products and Insulin Resistance 693

M. F. MCCARTY; G. MERZER;
M. A. PEREIRA, D. S. LUDWIG

Inappropriate Prescription for Metformin

M. E. MOLITCH; W. E. CAYLEY, JR;
R. ROTHMAN, M. PIGNONE, B. BRYANT,
R. MALONE, C. HORLEN

Effects of Counterregulatory Hormones in a High-Glycemic Index Diet

D. J. BROTMAN; D. S. LUDWIG

Mineral Metabolism and Vascular Disease in Patients With End-Stage Renal Failure

I. A. C. ROWE; P. S. KLASSEN,
J. A. COLADONATO, D. N. REDDAN,
L. A. SZCZECZ, W. F. OWEN

Nursing Home Placement and Dementia

A. K. DESAI; K. YAFFE, K. E. COVINSKY

How Best to Improve Patient Safety?

E. J. THOMAS; R. MCNUTT;
P. M. LAYDE, L. M. CORTES,
S. P. TERET, K. J. BRASEL, E. M. KUHN,
J. A. MERCY, S. W. HARGARTEN

Research Letter 698

Erectile Dysfunction and Hepatitis C Virus Infection

C. FERRI, M. A. BERTOZZI, A. L. ZIGNEGO

119 Years of
CONTINUOUS
PUBLICATION

EDITOR
Catherine D. DeAngelis, MD, MPH

August 14, 2002

ORIGINAL CONTRIBUTIONS

Sertraline Treatment of Major Depression in Patients With Acute MI or Unstable Angina 701

A. H. GLASSMAN, C. M. O'CONNOR, R. M. CALIFF, K. SWEDBERG, P. SCHWARTZ,
J. T. BIGGER, JR, K. R. KRISHNAN, L. T. VAN ZYL, J. R. SWENSON,
M. S. FINKEL, C. LANDAU, P. A. SHAPIRO, C. J. PEPINE, J. MARDEKIAN, W. M. HARRISON;
FOR THE SERTRALINE ANTIDEPRESSANT HEART ATTACK RANDOMIZED TRIAL (SADHART) GROUP

Effect of Mandatory Parental Notification on Adolescent Girls' Use of Sexual Health Care Services 710

D. M. REDDY, R. FLEMING, C. SWAIN

Effect of Daily Vitamin E and Multivitamin-Mineral Supplementation on Acute Respiratory Tract Infections in Elderly Persons: A Randomized Controlled Trial 715

J. M. GRAAT, E. G. SCHOUTEN, F. J. KOK

Hand-Rubbing With an Aqueous Alcoholic Solution vs Traditional Surgical Hand-Scrubbing and 30-Day Surgical Site Infection Rates: A Randomized Equivalence Study 722

J. J. PARIENTI, P. THIBON, R. HELLER, Y. LE ROUX, P. VON THEOBALD,
H. BENSADOUN, A. BOUVET, F. LEMARCHAND, X. LE COUTOUR;
FOR MEMBERS OF THE ANTISEPSIE CHIRURGICALE DES MAINS STUDY GROUP

REVIEW

Cognitive and Behavioral Outcomes of School-Aged Children Who Were Born Preterm: A Meta-analysis 728

A. T. BHUTTA, M. A. CLEVES, P. H. CASEY, M. M. CRADOCK, K. J. S. ANAND

SPECIAL COMMUNICATION

Financial Ties and Conflicts of Interest Between Pharmaceutical and Tobacco Companies 738

B. SHAMASUNDER, L. BERO

EDITORIALS

The Importance of the Journal Embargo 748

P. B. FONTANAROSA, C. D. DEANGELIS

Treatment of Depression Following Acute Myocardial Infarction 750

R. M. CARNEY, A. S. JAFFE

Limiting Confidentiality of Adolescent Health Services: What Are the Risks? 752

C. A. FORD, A. ENGLISH

CLINICIAN'S CORNER

CONTEMPO UPDATES: LINKING EVIDENCE AND EXPERIENCE

Pediatric Asthma 745

R. A. WOOD

JAMA

Humanities

THE COVER 673

Still Life With Grapes and Figs

M. T. SOUTHGATE

POETRY AND MEDICINE 676

26 Piazza di Spagna

J. T. MOORE

A PIECE OF MY MIND 677

Vanity

A. ROCKOFF

JAMA 100 YEARS AGO 776

A Human Incubator

Typhoid Fever in Chicago

Trephining for Cerebral Hemorrhage

Reader Service

This Week in JAMA 671

Masthead 672

Abstracts 678

Archives Journals Abstracts 681

CME Announcement 699

Physician Marketplace 777

Index of Advertisers 791

Reference Directories

Meetings, Organizations of Medical Interest and State Medical Associations, and Examinations and Licensure are available at <http://pubs.ama.org/meetings.html>.

JAMA Instructions for Authors

July 3, 2002

Contact Information 791

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

THE PATIENT-PHYSICIAN RELATIONSHIP

Physician Gender Effects in Medical Communication:

A Meta-analytic Review 756

D. L. ROTER, J. A. HALL, Y. AOKI

BOOKS, JOURNALS, NEW MEDIA 768

Beethoven in Person: His Deafness, Illnesses, and Death (Davies)

REVIEWED BY M. E. DRAKE

Law and Bioethics: An Introduction (Menikoff)

REVIEWED BY L. UZYCH

Science, Truth, and Democracy (Kitcher)

REVIEWED BY J. WILSON

Mind, Body, and Medicine: An Integrative Text (Melmed)

REVIEWED BY N. B. LEVY

Tachdjian's Pediatric Orthopaedics, vols 1-3 (Herring, ed)

REVIEWED BY W. W. HUURMAN

Books, Journals, New Media Received

JAMA PATIENT PAGE

Depression and Heart Disease 792

News and Analysis

MEDICAL NEWS & PERSPECTIVES 683

At International HIV/AIDS Conference, Daunting Challenges Mixed With Hope

Psychiatric Emergencies Call for Comprehensive Assessment and Treatment

FROM THE FOOD AND DRUG ADMINISTRATION 688

Xenotransplantation Advisory

Limited Approval for Lotronex

Revision of Grant Program

Proposed Reporting Guidance

THE WORLD IN MEDICINE 689

Anthrax Inhibitors

Hidden Plaque Ruptures

Preventing Falls in Elderly Persons

Youth Ignorance of HIV/AIDS

FROM THE CENTERS FOR DISEASE CONTROL AND PREVENTION 690

Multistate Outbreak of *Escherichia coli* O157:H7 Infections

Associated With Eating Ground Beef—United States, June-July 2002

Update: AIDS—United States, 2000

©2002 American Medical Association. All rights reserved.

(Reprinted) 669

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 Flanagin
Senior Editors: Stephen J. Lurie, MD, PhD, Ronna Henry Siegel, MD
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, Jeanette M. Smith, MD, Janet M. Torpy, 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: Sarah Pressman Lovinger, 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: Jane van Dis, Stuart P. Weisberg (editors)

Assistant to the Editor: Helga Fritz
Administrative Assistant: Nadine Siewnarine
Medical Illustrator: Cassio Lynn
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, 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
JAMA/Archives Media Relations: Jann Ingmire (director); Jim Michalski, Sharon Parmet

PUBLISHING AND BUSINESS STAFF

Group Publisher: Nawin Gupta, PhD
Publishing Operations Division:
Division Director: Vanessa Hayden
Directors: Karen Adams-Taylor, Paul Gasielki
Managers: David Antos, Debbie Camp, Karl Elvin, Betty Frigerio, Mary Ellen Johnston, Mark Matura, Susan Price, Charl Richey, Carmela Ware
Production Associates and Specialists:
Advertising and Production Services: LaWanda Brown, Susan Chiara, Mary Anne Donley, Euwanaha Joiner-Smith, Brian McCartney, Noemi Olmo, 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
Graphics: Joe Amft, Carolyn Hall, Maria Kowalkowski, Chris Meyer, JoAnne Weiskopf
Proofreading: Carol Joy Farrell, Daniel James, Teresa H. Omiotek, Mary Kay Tinerella, Barbara Wojtowicz, Agnes A. Zarkadas

Director, Circulation and Classified Advertising: Curt Reilly
Circulation Processing: Alfred Tomaselli (manager)
Circulation Development: Vida Damijonaitis, Donna Goldman, Michael McGraw (managers)
Classified Advertising: Thalia Moss (manager) (800) 262-2260; 515 N State St, Chicago, IL 60610
Subscriber Services: (800) 262-2350; fax: (312) 464-5831; e-mail: ama-subs@ama-assn.org
Licensing and Permissions: Norman Frankel, PhD (director); Rhonda Bailey (permissions); fax: (312) 464-5835
National Sales Director: Peter J. Murphy
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
Marketing Services Manager: Kathleen Hiltz
Publishing Manager: Geoffrey A. Flick

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: Yank D. Coble, Jr, MD
President-Elect: Donald J. Palmisano, MD, JD
Immediate Past President: Richard F. Corlin, MD
Speaker, House of Delegates: John A. Knotte, MD
Vice-Speaker, House of Delegates: Nancy H. Nielsen, MD, PhD
Trustees: J. Edward Hill, MD (chair); William G. Pledest III, MD (chair-elect); Herman I. Abramowitz, MD; John H. Armstrong, MD (young physician); Duane M. Cady, MD; Peter W. Carmel, MD; Ronald M. Davis, MD; Timothy T. Flaherty, MD; Joseph M. Heyman, MD; Robert R. McMillan, MD (public board member); John C. Nelson, MD; Joseph A. Riggs, MD; J. James Rohack, MD; David A. Rosman (student); Peter Y. Watson, MD (resident); Cecil B. Wilson, MD

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
Cyril Chantler, MD, FRCP
London, United Kingdom
Joseph T. Coyle, MD
Harvard Medical School
Boston, Mass
James E. Dalen, MD
University of Arizona
College of Medicine
Tucson, Ariz
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, DPhil
University of Toronto
Toronto, Ontario, Canada
Claude H. Organ, Jr, MD
University of California—San Francisco, East Bay
Oakland, Calif
June E. Osborn, MD
Josiah Macy, Jr Foundation
New York, NY
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
Carla Gikovate, MD, MSc, JAMA—Brazil
Hirosama 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