

JAMA

The Journal of the American Medical Association



Jacob Jordaens (1593-1678), *The Temptation of the Magdalene*, c 1616/1617, Flemish.

April 25, 2001

ORIGINAL CONTRIBUTIONS

Lamivudine-Zidovudine Combination for Prevention of Maternal-Infant Transmission of HIV-1 2083

L. MANDELBROT, A. LANDREAU-MASCARO, C. REKACEWICZ, A. BERREBI, J. L. BENIFLA, M. BURGARD, E. LACHASSINE, B. BARRET, M.-L. CHAIX, A. BONGAIN, N. CIRARU-VIGNERON, C. CRENN-HEBERT, J.-F. DELFRAISSY, C. ROUZIOUX, M.-J. MAYAUX, S. BLANCHE; FOR THE AGENCE NATIONALE DE RECHERCHES SUR LE SIDA (ANRS) 075 STUDY GROUP

Bullying Behaviors Among US Youth: Prevalence and Association With Psychosocial Adjustment 2094

T. R. NANSEL, M. OVERPECK, R. S. PILLA, W. J. RUAN, B. SIMONS-MORTON, P. SCHEIDT

Long-term MI Outcomes at Hospitals With or Without On-Site Revascularization 2101

D. A. ALTER, C. D. NAYLOR, P. C. AUSTIN, J. V. TU

Relation of Impaired Fasting and Postload Glucose With Incident Type 2 Diabetes in a Dutch Population: The Hoorn Study 2109

F. DE VEGT, J. M. DEKKER, A. JAGER, E. HIENKENS, P. J. KOSTENSE, C. D. A. STEHOUWER, G. NIJPELS, L. M. BOUTER, R. J. HEINE

Medication Errors and Adverse Drug Events in Pediatric Inpatients 2114

R. KAUSHAL, D. W. BATES, C. LANDRIGAN, K. J. MCKENNA, M. D. CLAPP, F. FEDERICO, D. A. GOLDMANN

CLINICAL CROSSROADS

A 45-Year-Old Woman With Obsessive-Compulsive Disorder 2121

M. A. JENIKE

A 33-Year-Old Woman With Morbid Obesity, 1 Year Later 2128

A.-M. AUDET, E. E. HARTMAN

EDITORIALS

Combination Prophylaxis for Prevention of Maternal-Infant HIV Transmission: Beyond 076 2129

N. SHAFFER

The Need to Address Bullying—An Important Component of Violence Prevention 2131

H. SPIVAK, D. PROTHROW-STITH

Letters

Safety of Bolus vs Infusion Thrombolytic Therapy 2075

J. F. GRAUMLICH; J. EIKELBOOM, S. MEHTA

Safety Reporting in Clinical Trials

K. A. CALIS, C. E. DANIELS; R. COLEBUNDERS, A. DE ROO, W. SCHROOTEN; K. S. KOHL, J. BONHOEFFER; J. L. NEIDIG, S. L. KOLETAR; J. P. A. IOANNIDIS, J. LAU

Bedside Rationing of Health Care

P. J. COHEN; M. G. BLOCHE, P. D. JACOBSON

Raloxifene for Breast Cancer Prevention

L. PLOUFFE, JR; B. VASTAG

Isotretinoin and Pregnancy

K. L. JONES, J. ADAMS, C. D. CHAMBERS, J. D. ERICKSON, E. LAMMER, J. POLIFKA; R. H. ELLISON, E. E. LEACH

Research Letter 2081

Persistent Pain in Nursing Home Residents

J. M. TENO, S. WEITZEN, T. WETLE, V. MOR

117 Years of CONTINUOUS PUBLICATION

EDITOR
Catherine D. DeAngelis, MD, MPH

www.jama.com

(Reprinted) (TABLE OF CONTENTS CONTINUED ON PAGE 2047.) 2045

©2001 American Medical Association. All rights reserved.

JAMA

Humanities

THE COVER 2052

The Temptation of the Magdalene

M. T. SOUTHGATE

POETRY AND MEDICINE 2053

Post-Compressionism Spring

A. LIVET

JAMA 100 YEARS AGO 2054

Hysterical Sensory Aphasia—
Word-Deafness—in a Child

Reader Service

This Week in JAMA 2049

Masthead 2050

**The Key and Critical Objectives
of JAMA** 2058

Abstracts 2059

Archives Journals Abstracts 2062

Correction 2081

Obituary Listing 2139

**Continuing Medical Education
JAMA Reader's Choice** 2141

**Classified Advertising
and Announcements** 2143

Index of Advertisers 2155

**Subscription, Business,
and Contact Information** 2155

Reference Directories

Meetings in the United States and
International Meetings April 11, 2001

Organizations of Medical Interest
and State Medical Associations and
Examinations and Licensure July 26, 2000

JAMA Instructions for Authors

JANUARY 3, 2001

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.

CONTEMPO UPDATES: LINKING EVIDENCE AND EXPERIENCE

Nitric Oxide Deficiency as a Cause of Clinical Hypertension:
Promising New Drug Targets for Refractory Hypertension 2055

G. D. THOMAS, W. ZHANG, R. G. VICTOR

BOOKS, JOURNALS, NEW MEDIA 2133

The Tragedy of Childbed Fever (Loudon)

REVIEWED BY S. W. CAMPBELL

Resolving Ethical Dilemmas: A Guide for Clinicians (Lo)

REVIEWED BY B. H. ADELSON

Margin of Error: The Ethics of Mistakes in the Practice of Medicine
(Rubin, Zoloth, eds)

REVIEWED BY M. L. SMITH, H. P. FORSTER

Tarnished Scalpels: The Court-Martials of Fifty Union Surgeons (Lowry, Welsh)

REVIEWED BY M. A. FRANCHETTI

La Leche League: At the Crossroads of Medicine, Feminism, and Religion (Ward)

REVIEWED BY D. WEAR

Books, Journals, New Media Received

JAMA PATIENT PAGE

Bullying 2156

News and Analysis

MEDICAL NEWS & PERSPECTIVES 2065

Advances in Pediatric Dermatology: Specialist Training to Internet Atlas

Antibiotics Show Promise as Therapy for Genetic Disorders

Medical Societies Unite Against Firearm Injuries

Stent + Radiation No Sure Cure for Stenosis

QUICK UPTAKES 2070

Expanding Care Information

Emergency Care of Children Improved

Predicting Brain Cell Death

β-Blocker Benefit

FROM THE CENTERS FOR DISEASE CONTROL AND PREVENTION 2071

Preliminary FoodNet Data on the Incidence of Foodborne Illnesses—
Selected Sites, United States, 2000

Outbreak of Community-Acquired Pneumonia
Caused by *Mycoplasma pneumoniae*—Colorado, 2000

Satellite Broadcast on a Public Health Response to Asthma

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 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, Carin 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:** Alice T. D. Hughes, 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:** Alison J. Huang, MPhil, Stefan C. Weiss, MHS (coeditors)**Assistant to the Editor:** Helga Fritz**Administrative Assistant:** Nadine Siewnarine**Editorial Graphics:** Ronna Henry Siegel, MD (director); Cassio Lynm (medical illustrator)
Electronic Media: Michelle Kurzynski (director) Erin Giannini (Web copy editor); Marla A. Hall (Web office manager); Gemma Wall (editorial assistant)**Editorial Systems and Administration:** Elaine Williams (director); Gale Saulsbery (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 Collier, Dawn Cortez, Audrey Forman, Shirley Gogins, Charisse Green, Gwenn Gregg, Lisa Hardin, Carmina Landeros, Mary Ann Lily, Rosa E. Miranda, Lupe Morales, Ethel Pinkston, Cara Savage**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); Heather A. Heminger, Jennifer L. Reddy, Phil Sefton, Beverly Stewart

PUBLISHING AND BUSINESS STAFF

Interim Vice President, Publishing: Peter L. Payerli**Publisher:** Peter J. Murphy**Production and Distribution Division:****Directors:** Karen Adams-Taylor, Paul Gasecki, 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 Assistants:** Kristy Kambanis, Ruth Sprague**Production Associates and Specialists:****Advertising and Production Services:** LaWanda Brown, Susan Chiara, Mary Anne Donley, Sarah Powell, Denise Steinhauer, 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, 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. Ormotek, Mary Kay Tinerella, Barbara Wojtowicz, Agnes A. Zarkadas**Circulation Processing:** Robert Herling (director);

Susan Stokes, Alfred Tomaselli (managers);

Reginald Jordan, Kathryn Osten (specialists)

Circulation Development: Bina Oza (director);

Vida Damjionaitis, 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-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 (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: E. Ratcliffe Anderson, Jr, MD**Senior Vice President, Publishing and Business Services:** Robert A. Musacchio, PhD**President:** Randolph D. Smoak, Jr, MD**President-Elect:** Richard F. Corlin, MD**Immediate Past President:** Thomas R. Reardon, MD**Speaker, House of Delegates:** John A. Knote, MD**Vice-Speaker, House of Delegates:** Nancy H. Nielsen, MD**Trustees:** D. Ted Lewers, MD (chair); Timothy T. Flaherty, MD (chair-elect); Yank D. Coble, Jr, MD (secretary-treasurer); Herman I. Abromowitz, MD; Susan Hersberg Adelman, MD; Duane M. Cady, MD; J. Edward Hill, MD; William H. Mahood, MD; Sandeep "Sunny" Mistry (student); John C. Nelson, MD; Donald J. Palmisano, MD; William G. Plested, MD; Liana Puskas, MD (resident); Joseph A. Riggs, MD; Bruce A. Scott, MD (young physician)

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**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 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, DPhil**
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****Evarist Feliu Frasnedo, 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**