

JAMA

The Journal of the American Medical Association



Arthur Armstrong (1798-1851), *Two Sisters With Puppy and Flowers*, 1842, American.

March 27, 2002

ORIGINAL CONTRIBUTIONS

Intravenous Nesiritide vs Nitroglycerin for Treatment of Decompensated Congestive Heart Failure: A Randomized Controlled Trial 1531

PUBLICATION COMMITTEE FOR THE VMAC INVESTIGATORS

Short-term Intravenous Milrinone for Acute Exacerbation of Chronic Heart Failure: A Randomized Controlled Trial 1541

M. S. CUFFE, R. M. CALIFF, K. F. ADAMS, JR, R. BENZA, R. BOURGE, W. S. COLUCCI, B. M. MASSIE, C. M. O'CONNOR, I. PINA, R. QUIGG, M. A. SILVER, M. GHEORGHIADE; FOR THE OUTCOMES OF A PROSPECTIVE TRIAL OF INTRAVENOUS MILRINONE FOR EXACERBATIONS OF CHRONIC HEART FAILURE (OPTIME-CHF) INVESTIGATORS

Association Between Pulse Pressure and Mortality in Patients Undergoing Maintenance Hemodialysis 1548

P. S. KLASSEN, E. G. LOWRIE, D. N. REDDAN, E. R. DELONG, J. A. COLADONATO, L. A. SZCZECZ, J. M. LAZARUS, W. F. OWEN, JR

Relationship Between Prepregnancy Anthrax Vaccination and Pregnancy and Birth Outcomes Among US Army Women 1556

A. R. WIESEN, C. T. LITTELL

Relationship of Prenatal Diagnosis and Pregnancy Termination to Overall Infant Mortality in Canada 1561

S. LIU, K. S. JOSEPH, M. S. KRAMER, A. C. ALLEN, R. SAUVE, I. D. RUSEN, S. W. WEN; FOR THE FETAL AND INFANT HEALTH STUDY GROUP OF THE CANADIAN PERINATAL SURVEILLANCE SYSTEM

EDITORIAL

Treatment of Acute Heart Failure: Out With the Old, In With the New 1578

P. A. POOLE-WILSON

CLINICIAN'S CORNER

CLINICAL CROSSROADS

A 75-Year-Old Man With Depression 1568

K. KROENKE

A 58-Year-Old Woman Dissatisfied With Her Care, 2 Years Later 1577

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

Letters

Priorities for Lung Transplantation Among Patients With Cystic Fibrosis 1523

T. G. LIOU, F. R. ADLER, B. C. CAHILL, S. C. FITZSIMMONS, D. HUANG, J. R. HIBBS, B. C. MARSHALL; A. B. MAISH; J. R. MAURER; T. G. LIOU, F. R. ADLER, B. C. CAHILL, B. C. MARSHALL

Relationship Between Kaposi Sarcoma-Associated Herpesvirus and HIV

T. R. O'BRIEN, E. A. ENGELS, P. S. ROSENBERG, J. J. GOEDERT; M. J. CANNON, P. E. PELLETT; H. W. HAVERKOS, A. N. KOPSTEIN; D. H. OSMOND, J. N. MARTIN

Measurement of Serum Estradiol

F. MCKIERNAN, C. WILEY

Value of Ophthalmologic Examination in Diagnosing Temporal Arteritis

C. F. BLODI; G. W. SMETANA, R. H. SHMERLING

118 Years of CONTINUOUS PUBLICATION

EDITOR
Catherine D. DeAngelis, MD, MPH

www.jama.com

(Reprinted) (TABLE OF CONTENTS CONTINUED ON PAGE 1489.) 1487

©2002 American Medical Association. All rights reserved.

JAMA

Humanities

THE COVER 1495

Two Sisters With Puppy and Flowers

M. T. SOUTHGATE

POETRY AND MEDICINE 1498

Bittersweet

M. J. STRAUS

JAMA 100 YEARS AGO 1500

Poisoning in History

Reader Service

This Week in JAMA 1491

Masthead 1492

Abstracts 1506

Archives Journals Abstracts 1510

The Key and Critical Objectives of JAMA 1586

Continuing Medical Education 1587

Classified Advertising and Announcements 1590

Index of Advertisers 1603

Reference Directories

Meetings in the United States and International Meetings February 6, 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 1603

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

CONTEMPO UPDATES: LINKING EVIDENCE AND EXPERIENCE

Laparoscopic Advances in General Surgery 1502

L. KHAITAN, M. D. HOLZMAN

BOOKS, JOURNALS, NEW MEDIA 1581

Ecosystem Change and Public Health: A Global Perspective (Aron, Patz, eds)

REVIEWED BY J. LABEL

Principles of Biomedical Ethics (Beauchamp, Childress)

REVIEWED BY T. FLEISCHER

Surgery of the Soul: Reflections on a Curious Career (Murray)

REVIEWED BY J. CHANG, M. B. KLEIN

Stroke Syndromes (Bogousslavsky, Caplan, eds)

REVIEWED BY S. E. KASNER, B. L. CUCCHIARA

Uncommon Causes of Stroke (Bogousslavsky, Caplan, eds)

REVIEWED BY S. E. KASNER, B. L. CUCCHIARA

Books, Journals, New Media Received

JAMA PATIENT PAGE

Delivering a Healthy Infant 1604

News and Analysis

MEDICAL NEWS & PERSPECTIVES 1513

New Threats and Old Enemies: Challenges for Critical Care Medicine

Chronic Disease Activists Target Arthritis, Asthma

Despite Finding Anthrax Vaccine Useful, IOM Recommends Seeking a Better One

Miscellanea Medica

QUICK UPTAKES 1518

Better Heparin for Severe MI?

Sweaty Palms Explained

New DNA Detection Method

Antiaging Movement Criticized

FROM THE CENTERS FOR DISEASE CONTROL AND PREVENTION 1519

Tularemia—United States, 1990-2000

Congenital Malaria as a Result of *Plasmodium malariae*—

North Carolina, 2000

Use of Assisted Reproductive Technology—

United States, 1996 and 1998

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.

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, Kenny Stewart

Editorial Processing Division: Cheryl Iverson (director); Paul Frank, Monica Mungie (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

Production and Distribution Division:

Directors: Karen Adams-Taylor, Paul Gasielick, 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 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, 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: 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: Karen Howes (director); Alfred Tomaselli (manager); Reginald Jordan, Kathryn Osten (specialists); Julie Burton (assistant application administrator)

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

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

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

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

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

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 Hershberg 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