

JAMA

The Journal of the American Medical Association



Pieter Duyfhuysen (1608-1677), *A Boy Eating Porridge*, c 1640, Dutch.

February 21, 2001

ORIGINAL CONTRIBUTIONS

- Effect of Age and Comorbidity in Postmenopausal Breast Cancer Patients Aged 55 Years and Older 885
 R. YANCIK, M. N. WESLEY, L. A. G. RIES, R. J. HAVLIK, B. K. EDWARDS, J. W. YATES
- Use of Alcohol as a Risk Factor for Bicycling Injury 893
 G. LI, S. P. BAKER, J. E. SMIALEK, C. A. SODERSTROM
- Impact of Changes in Transportation and Commuting Behaviors During the 1996 Summer Olympic Games in Atlanta on Air Quality and Childhood Asthma 897
 M. S. FRIEDMAN, K. E. POWELL, L. HUTWAGNER, L. M. GRAHAM, W. G. TEAGUE

Letters

- Abnormal Heart Rate Recovery and Risk of Death 879
 S. YODER, R. G. SCHWARTZ; M. S. LAUER
- Treatment of Respiratory Failure With Noninvasive Continuous Positive Airway Pressure
 K. BENDJELID, P. M. SUTER, J.-A. ROMAND; C. DELCLAUX, L. BROCHARD
- Noninvasive Ventilation and Nosocomial Infection
 V. KAGRAMANOV, A. LYMAN; E. GIROU, L. BROCHARD
- Asthma and Psychiatric Illness
 D. F. KLEIN; W. W. BUSSE
- Public Policy for Health Care Workers Infected With the Human Immunodeficiency Virus
 T. SUMMERS; L. O. GOSTIN
- Nevirapine and Postexposure Prophylaxis for Human Immunodeficiency Virus
 M. HAEHL
- Racial and Ethnic Disparities in Health Care
 J. ETCHASON, B. ARMOUR, E. OFILI, G. RUST, R. MAYBERRY, L. SANDERS, M. M. PITTS
- Research Letter** 883
- Patients' Point of View in Heart Failure Trials
 R. YUVAL, D. A. HALON, B. S. LEWIS

PRELIMINARY COMMUNICATION

- Hormone Replacement Therapy, Prothrombotic Mutations, and the Risk of Incident Nonfatal Myocardial Infarction in Postmenopausal Women 906
 B. M. PSATY, N. L. SMITH, R. N. LEMAITRE, H. L. VOS, S. R. HECKBERT, A. Z. LACROIX, F. R. ROSENDAAL

REVIEW

- Accuracy of Positron Emission Tomography for Diagnosis of Pulmonary Nodules and Mass Lesions: A Meta-analysis 914
 M. K. GOULD, C. C. MACLEAN, W. G. KUSCHNER, C. E. RYDZAK, D. K. OWENS

PERSPECTIVES ON CARE AT THE CLOSE OF LIFE

- Serving Patients Who May Die Soon and Their Families: The Role of Hospice and Other Services 925
 J. LYNN

COMMENTARY

- Academic Relationships With Industry: A New Model for Biomedical Research 933
 H. MOSES III, J. B. MARTIN

EDITORIAL

- PET Scans and Technology Assessment: Déjà Vu? 936
 E. BALK, J. LAU

117 Years of
 CONTINUOUS
 PUBLICATION

EDITOR
 Catherine D. DeAngelis, MD, MPH

www.jama.com

(Reprinted) (TABLE OF CONTENTS CONTINUED ON PAGE 843.) 841

©2001 American Medical Association. All rights reserved.

JAMA

Humanities

THE COVER 850

A Boy Eating Porridge

M. T. SOUTHGATE

POETRY AND MEDICINE 853

On the Bike Path, Riding Home

J. STRASSER

JAMA 100 YEARS AGO 856

Surgery of the Nineteenth Century

A PIECE OF MY MIND 857

I Remember

A. C. MCIVOR

Reader Service

This Week in JAMA 845

Masthead 846

Abstracts 861

Archives Journals Abstracts 864

The Key and Critical Objectives of JAMA 866

Correction 884

Reference Directories

MEETINGS IN THE UNITED STATES AND INTERNATIONAL MEETINGS 947

ORGANIZATIONS OF MEDICAL INTEREST AND STATE MEDICAL ASSOCIATIONS AND EXAMINATIONS AND LICENSURE July 26, 2000

Obituary Listing 953

Continuing Medical Education JAMA Reader's Choice 955

Classified Advertising and Announcements 958

Index of Advertisers 969

Subscription, Business, and Contact Information 969

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.

www.jama.com

CONTROVERSIES

What Price Mice? 939

E. A. FISHBEIN

Regulations for the Use of Laboratory Animals 941

D. GLICKMAN

BOOKS, JOURNALS, NEW MEDIA 942

Andrew's Diseases of the Skin: Clinical Dermatology (Odom et al)

REVIEWED BY M. B. BRODIN

Principles of Virology: Molecular Biology, Pathogenesis, and Control (Flint et al)

REVIEWED BY R. G. WEBSTER

Crofton and Douglas's Respiratory Diseases, vols 1 & 2 (Seaton et al, eds)

REVIEWED BY T. L. GUIDOTTI

Inner Hygiene: Constipation and the Pursuit of Health in Modern Society (Whorton)

REVIEWED BY M. SULLIVAN-FOWLER

Julia's Mother: Life Lessons in the Pediatric ER (Bonadio)

REVIEWED BY M. NELSON

Doctors Afield and Afar (McDermott)

REVIEWED BY K. DENKLER

Books, Journals, New Media Received

JAMA PATIENT PAGE

Hospice Care 970

News and Analysis

MEDICAL NEWS & PERSPECTIVES 869

Kenneth W. Kizer, MD, MPH: Health Care Quality Evangelist

Researchers Launch a Web-Based Resource for Smallpox Research

Miscellanea Medica

HEALTH AGENCIES UPDATE 874

Memory-Blocking Protein

Fertility Treatment Statistics

Neonatal Lung Treatment Risk

Multiple Sclerosis Report Released by IOM

FROM THE CENTERS FOR DISEASE CONTROL AND PREVENTION 875

Recommended Childhood Immunization Schedule—United States, 2001

Underdiagnosis of Dengue—Laredo, Texas, 1999

Health-Related Quality of Life Among Persons With Epilepsy—Texas, 1998

©2001 American Medical Association. All rights reserved.

(Reprinted) 843

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, 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: 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 Lynn (medical illustrator)

Electronic Media: Michelle Kurzynski (director); Keith Huff (Web development editor); Nikhil Torsekar (assistant editor); 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 Collister, Dawn Cortez, Audrey Forman, Shirley Gogins, Charisse Green, Gwenn Gregg, Lisa Hardin, Carmina Landeros, Mary Ann Lilly, 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); Diane Howard, Jennifer L. Reddy, Phil Sefton, Beverly Stewart

PUBLISHING AND BUSINESS STAFF

Vice President, Publishing: Robert L. Kennett

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 Steinhauser, Jo Anne Turner, 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, 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 Stoken, Alfred Tomaselli (managers); Reginald Jordan, Kathryn Osten (specialists)

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-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. Abramowitz, 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 Puscas, 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 Frasnado, MD, JAMA—Spain

Zbigniew A. Gacjong, 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