

# JAMA

The Journal of the American Medical Association



Arthur Dove (1880-1946), *Grandmother, 1925, American.*

October 8, 2003

## ORIGINAL CONTRIBUTIONS

Association of Low-Level Ozone and Fine Particles With Respiratory Symptoms in Children With Asthma ..... 1859

J. F. GENT, E. W. TRICHE, T. R. HOLFORD, K. BELANGER, M. B. BRACKEN, W. S. BECKETT, B. P. LEADERER

Excess Length of Stay, Charges, and Mortality Attributable to Medical Injuries During Hospitalization ..... 1868

C. ZHAN, M. R. MILLER

Treatment of Corticosteroid-Responsive Autoimmune Inner Ear Disease With Methotrexate: A Randomized Controlled Trial ..... 1875

J. P. HARRIS, M. H. WEISMAN, J. M. DEREBERY, M. A. ESPELAND, B. J. GANTZ, A. J. GULYA, P. E. HAMMERSCHLAG, M. HANNLEY, G. B. HUGHES, R. MOSCICKI, R. A. NELSON, J. K. NIPARKO, S. D. RAUCH, S. A. TELIAN, P. E. BROOKHOUSER

Lifetime Risk for Diabetes Mellitus in the United States ..... 1884

K. M. V. NARAYAN, J. P. BOYLE, T. J. THOMPSON, S. W. SORENSEN, D. F. WILLIAMSON

Mortality Benefit of Immediate Revascularization of Acute ST-Segment Elevation Myocardial Infarction in Patients With Contraindications to Thrombolytic Therapy: A Propensity Analysis ..... 1891

M. GRZYBOWSKI, E. A. CLEMENTS, L. PARSONS, R. WELCH, A. T. TINTINALLI, M. A. ROSS, R. J. ZALENSKI

Safety of Patients Isolated for Infection Control ..... 1899

H. T. STELFOX, D. W. BATES, D. A. REDELMEIER

## EDITORIALS

Air Pollution as an Underappreciated Cause of Asthma Symptoms ..... 1915

G. D. THURSTON, D. V. BATES

Looking for Medical Injuries Where the Light Is Bright ..... 1917

S. N. WEINGART, L. I. IEZZONI

## CLINICIAN'S CORNER

### CLINICAL CARDIOLOGY

Obstructive Sleep Apnea: Implications for Cardiac and Vascular Disease ..... 1906

A. S. M. SHAMSUZZAMAN, B. J. GERSH, V. K. SOMERS

## LETTERS

Patients With Viral Infections Who Demand Antibiotics ..... 1851

M. HALL; R. MATZ; R. GONZALES

The Value of Diagnostic Tests for Low Back Pain

L. R. CAPLAN; E. ERNST; L. JARVIK; J. G. JARVIK; R. A. DEYO, W. HOLLINGWORTH; N. M. HADLER

Computer Use and Risk of Carpal Tunnel Syndrome

P. A. NATHAN, K. D. MEADOWS, J. A. ISTVAN; A. HEDGE; J. H. ANDERSEN

Causes of Renal Failure in Patients With Type 2 Diabetes Mellitus

Y. KIDA; M. A. C. ONUIGBO; H. KRAMER, C. HSU

Research Letter ..... 1856

Methyl Isocyanate Exposure and Growth Patterns of Adolescents in Bhopal

N. RANJAN, S. SARANGI, V. T. PADMANABHAN, S. HOLLERAN, R. RAMAKRISHNAN, D. R. VARMA

120 Years of CONTINUOUS PUBLICATION

EDITOR  
Catherine D. DeAngelis, MD, MPH

www.jama.com

(Reprinted) (TABLE OF CONTENTS CONTINUED ON PAGE 1815.) 1813

©2003 American Medical Association. All rights reserved.

# JAMA

## Humanities

### THE COVER ..... 1821

*Grandmother*

M. T. SOUTHGATE

### POETRY AND MEDICINE ..... 1827

At the Bald Men's Convention

W. McDONALD

### JAMA 100 YEARS AGO ..... 1930

The Fallibility of Scientific Dicta

"The Age of Pap"

## Reader Service

### This Week in JAMA ..... 1817

### Masthead ..... 1818

### Abstracts ..... 1828

### Archives Journals Abstracts ..... 1830

### Online CME Article ..... 1906

### Physician Marketplace ..... 1931

### Index of Advertisers ..... 1942

### JAMA Instructions for Authors

July 2, 2003

### JAMA Key and Critical Objectives

January 1, 2003

### JAMA Contact Information ..... 1943

**Editorial Office:** (312) 464-2402  
 fax: (312) 464-5824  
 jamams@jama-archives.org  
**Subscriptions:** (800) 262-2350  
 fax: (312) 464-5831  
 ama-sub@ama-assn.org  
**Permissions:** (312) 464-2513  
 fax: (312) 464-5835  
 rhonda\_bailey@ama-assn.org

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

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](http://www.jama.com)

## BOOKS, JOURNALS, NEW MEDIA ..... 1923

Modern Surgical Pathology, vols 1 & 2 (Weidner et al, eds)

REVIEWED BY L. I. GILTMAN

Dead on Arrival: The Politics of Health Care in Twentieth-Century America (Gordon)

REVIEWED BY B. S. BLOOM

Merchants of Immortality: Chasing the Dream of Human Life Extension (Hall)

REVIEWED BY P. J. HORNSBY

NINDS at 50: An Incomplete History Celebrating the Fiftieth Anniversary of the National Institute of Neurological Disorders and Stroke (Rowland)

REVIEWED BY F. R. FREEMON

Office Practice of Medicine (Branch, Jr, ed)

REVIEWED BY K. I. JANTUNEN

Books, Journals, New Media Received

## JAMA PATIENT PAGE

### Health Effects of Ozone ..... 1944

## News and Analysis

### MEDICAL NEWS & PERSPECTIVES ..... 1835

Researchers Probe Anemia-Heart Failure Link

Breast Cancer Racial Gap Examined:

No Easy Answers to Explain Disparities in Survival

Telemedicine Eyed for Mental Health Services:

Approach Could Widen Access for Older Patients

### CAPITOL HEALTH CALL ..... 1844

Project BioShield on Track

NIH Budget

Emergency Medical Treatment

Commission Wants Studies of ART Health Effects

### FROM THE CENTERS FOR DISEASE CONTROL AND PREVENTION ..... 1845

Severe Acute Pneumonitis Among Deployed U.S. Military Personnel—Southwest Asia, March-August 2003

Injuries Associated With Landmines and Unexploded Ordnance—Afghanistan, 1997-2002

Wound Botulism Among Black Tar Heroin Users—Washington, 2003

©2003 American Medical Association. All rights reserved.

(Reprinted) 1815