

# JAMA

The Journal of the American Medical Association



Paul Gauguin (1848-1903), *The Studio of Emile Schuffenecker*, 1889, French.

January 9/16, 2008

## ORIGINAL CONTRIBUTIONS

Immunogenicity of a Tetravalent Meningococcal Glycoconjugate Vaccine in Infants: A Randomized Controlled Trial ..... 173

M. D. SNAPE, K. P. PERRETT, K. J. FORD, T. M. JOHN, D. PACE, L.-M. YU, J. M. LANGLEY, S. MCNEIL, P. M. DULL, F. CEDDIA, A. ANEMONA, S. A. HALPERIN, S. DOBSON, A. J. POLLARD

Lifestyle Intervention and Metformin for the Treatment of Antipsychotic-Induced Weight Gain: A Randomized Controlled Trial ..... 185

R.-R. WU, J.-P. ZHAO, H. JIN, P. SHAO, M.-S. FANG, X.-F. GUO, Y.-Q. HE, Y.-J. LIU, J.-D. CHEN, L.-H. LI

Variation of Breast Cancer Risk Among *BRCA1/2* Carriers ..... 194

C. B. BEGG, R. W. HAILE, Å. BORG, K. E. MALONE, P. CONCANNON, D. C. THOMAS, B. LANGHOLZ, L. BERNSTEIN, J. H. OLSEN, C. F. LYNCH, H. ANTON-CULVER, M. CAPANU, X. LIANG, A. J. HUMMER, C. SIMA, J. L. BERNSTEIN

Rates of Solid-Organ Wait-listing, Transplantation, and Survival Among Residents of Rural and Urban Areas ..... 202

D. A. AXELROD, M. K. GUIDINGER, S. FINLAYSON, D. E. SCHAUBEL, D. C. GOODMAN, M. CHOBANIAN, R. M. MERION

## Letters

Diagnosing Hypertension in Children and Adolescents ..... 168

J. M. VAN SCHALKWYK, M. J. TURNER, M. L. HANSEN, P. W. GUNN, D. C. KAELEBER

Research Letter ..... 169

Physician Licensure During Disasters: A National Survey of State Medical Boards

L. A. BOYAJIAN-O'NEILL, L. M. GRONWOLD, A. G. GLAROS, A. M. ELMORE

## COMMENTARIES

Transforming Clinical Practice Guidelines Into Legislative Mandates: Proceed With Abundant Caution ..... 208

P. D. JACOBSON

The Meaning of Translational Research and Why It Matters ..... 211

S. H. WOOLF

## EDITORIAL

A Multivalent Conjugate Vaccine for Prevention of Meningococcal Disease in Infants ..... 217

L. H. HARRISON

## CLINICIAN'S CORNER

### COMMENTARY

Dengue and Hemorrhagic Fever: A Potential Threat to Public Health in the United States ..... 214

D. M. MORENS, A. S. FAUCI

CME

124 Years of CONTINUOUS PUBLICATION

EDITOR IN CHIEF  
Catherine D. DeAngelis, MD, MPH

www.jama.com

(Reprinted) (TABLE OF CONTENTS CONTINUED ON PAGE 135.) 133

©2008 American Medical Association. All rights reserved.

# JAMA

## Humanities

**THE COVER** ..... 141  
*The Studio of Emile Schuffenecker*  
 M. T. SOUTHGATE

**POETRY AND MEDICINE** ..... 142  
 Head Injury Odyssey  
 R. J. FOUST

**A PIECE OF MY MIND** ..... 144  
 Assuming the Worst  
 A.-M. ROSLAND

**JAMA 100 YEARS AGO** ..... 230  
 School Lighting

## Reader Service

**This Week in JAMA** ..... 137

**Masthead** ..... 139

**Author in the Room  
 Teleconference** ..... 142

**Archives Journals Abstracts** ..... 151

**Correction** ..... 171

**Online CME Article** ..... 214

**Online CME Quiz Questions** ..... 231

**Classified Advertising** ..... 232

**Journal Advertiser Index** ..... 242

**JAMA Contact Information** ..... 243

### Instructions for Authors

January 2, 2008

### The Key and Critical Objectives of JAMA

January 2, 2008

**Editorial Office:** (312) 464-2402  
 fax: (312) 464-5824  
 jamams@jama-archives.org  
**Subscriptions:** (800) 262-2350  
 fax: (312) 464-5831  
 ama-subs@ama-assn.org  
**Permissions:** (312) 464-2513  
 fax: (312) 464-5843  
 permissions@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](http://www.jama.com)

## BOOK AND MEDIA REVIEWS ..... 220

Dream Anatomy (Sappol)  
 REVIEWED BY S. T. BARROWS

Clinically Oriented Anatomy (Moore, Dalley)  
 REVIEWED BY C. D. CLEMENTE

Acland's DVD Atlas of Human Anatomy (Acland)  
 REVIEWED BY N. LIESKA

Anatomy: A Regional Atlas of the Human Body (Clemente)  
 Clemente's Anatomy Dissector (Clemente)  
 REVIEWED BY M. F. DAUZVARDIS, J. A. McNULTY

Color Atlas of Anatomy: A Photographic Study of the Human Body (Rohen et al)  
 REVIEWED BY J. M. WILLIAMS

Thieme Atlas of Anatomy: General Anatomy and Musculoskeletal System (Schuenke et al)  
 Thieme Atlas of Anatomy: Neck and Internal Organs (Schuenke et al)  
 REVIEWED BY J. M. ORGAN

Grant's Atlas of Anatomy (Agur, Dalley)  
 Grant's Dissector (Tank)  
 REVIEWED BY G. H. SPERBER

## LITERATIM ..... 227

*The House of God: 30 Years Later* (Shem)  
 REVIEWED BY H. MARKEL

## JAMA PATIENT PAGE

Organ Donation ..... 244

## News and Analysis

### MEDICAL NEWS & PERSPECTIVES ..... 157

FDA's Science Infrastructure Failing

Asthma Linked to Psychiatric Disorders

Exercise May Boost Aging Immune System

Scientists Build Map of Imprinted Genes

Benefits of Gut Microflora Under Study

### CAPITOL HEALTH CALL ..... 163

Nursing Homes Scrutinized

Cigarette Ratings Questioned

Trauma Care Funding Bill

Radiation Protection Lags

### FROM THE CENTERS FOR DISEASE CONTROL AND PREVENTION ..... 164

Norovirus Outbreak Associated With Ill Food-Service Workers—Michigan, January-February 2006

Notice to Readers: Expansion of Use of Live Attenuated Influenza Vaccine (FluMist) to Children Aged 2-4 Years and Other FluMist Changes for the 2007-08 Influenza Season

©2008 American Medical Association. All rights reserved.

(Reprinted) 135