

ARCHIVES OF PEDIATRICS & ADOLESCENT MEDICINE

The ARCHIVES OF PEDIATRICS & ADOLESCENT MEDICINE (incorporating *AJDC*, *American Journal of Diseases of Children*) is a member of the consortium of AMA journals listed below. The complete text of all AMA journals is available online from Dialog Information Services and Ovid Technologies, Inc.

The Journal of the American Medical Association (JAMA)

Archives of Dermatology
Archives of Facial Plastic Surgery
Archives of General Psychiatry
Archives of Internal Medicine
Archives of Neurology
Archives of Ophthalmology
Archives of Otolaryngology—Head & Neck Surgery
Archives of Pathology & Laboratory Medicine
Archives of Pediatrics & Adolescent Medicine
Archives of Surgery

The ARCHIVES OF PEDIATRICS & ADOLESCENT MEDICINE (ISSN 1072-4710) is published monthly by the American Medical Association, 515 N State St, Chicago, IL 60610-0946, and is an official publication of the Association. The ARCHIVES OF PEDIATRICS & ADOLESCENT MEDICINE reaches more than 30 900 readers in over 83 countries each month. Periodicals postage paid at Chicago, IL, and at additional mailing offices. GST registration number 12622 5556 RT. Canada Post International Publications Mail (Canadian Distribution) Sales Agreement No. 318728. Printed in the USA.

SUBSCRIPTION RATES—The personal subscription rates for the ARCHIVES OF PEDIATRICS & ADOLESCENT MEDICINE are \$175 for 1 year (12 issues) in the United States and US possessions; \$225 in the Americas; £155 outside the Americas. The institution rates for 1 year are \$325 in the United States; \$425 in the Americas; £275 outside the Americas. Special rates for residents and medical students are available. Address all subscription communications to: Subscriber Services Center, American Medical Association, PO Box 10946, Chicago, IL 60610-0946. Phone: (800) 262-2350. Fax: (312) 464-5831. E-mail: ama-subs@ama-assn.org. For mailing addresses outside the United States and US possessions, see International Subscription Information.

CHANGE OF ADDRESS—POSTMASTER, send all address changes to ARCHIVES OF PEDIATRICS & ADOLESCENT MEDICINE, c/o Subscriber Services, American Medical Association, 515 N State St, Chicago, IL 60610. Please notify us of address change at least 6 weeks in advance to ensure uninterrupted service. Include both old and new addresses, a recent mailing label, and new ZIP code. For mailing addresses outside the United States and US possessions, see International Subscription Information.

SUBSCRIBER SERVICES—For information about subscribing to any of the AMA publications, change of address, missing issues, or purchasing back issues, please contact Subscriber Services Center, American Medical Association, PO Box 10946, Chicago, IL 60610-0946, or call (800) 262-2350 or (312) 670-SUBS (670-7827) between 8:30 AM and 4:30 PM CST. Fax: (312) 464-5831. E-mail: ama-subs@ama-assn.org. For mailing addresses outside the United States and US possessions, see International Subscription Information.

INTERNATIONAL SUBSCRIPTION INFORMATION—Subscriptions outside the United States and US possessions are served according to geographic region. Please address correspondence to the following 2 offices based on delivery address: (1) For delivery in North America, Central America and South America, contact Subscriber Services, AMA, PO Box 10946, Chicago, IL 60610-0946. Phone: (312) 670-7827. Fax: (312) 464-5831. E-mail: ama-subs@ama-assn.org. (2) For delivery outside the Americas, contact JAMA & Archives Journals, American Medical Association, Tower House, Sovereign Park, Market Harborough, Leicestershire LE15 9EF, England. Telephone: +44 (0) 1858-438880. Fax: +44 (0) 1858-434958.

REPRINTS—Authors place their reprint order at the time the edited typescript is reviewed and should allow 4 to 6 weeks for delivery following publication. Requests for individual reprints should be sent directly to the author at the address shown in the article.

For bulk reprint orders for distribution by commercial organizations, please contact Wanda Bartolotta, 2441 84th St, Brooklyn, NY 11214. Phone: (718) 946-7424. Fax: (718) 946-7372. E-mail: wanda_bartolotta@ama-assn.org. For reprint orders in limited quantities for distribution by educational organizations and for author reprints, please contact Reprint Coordinator, 515 N State St, Chicago, IL 60610. Phone: (312) 464-4594. Fax: (312) 464-4849.

PERMISSIONS—Contact Rhonda Bailey, Permissions Assistant, 515 N State St, Chicago, IL 60610. Phone: (312) 464-2513.

ADVERTISING PRINCIPLES—Each advertisement in this issue has been reviewed and complies with the principles governing advertising in AMA scientific publications. A copy of these principles is available on request. The appearance of advertising in AMA publications is not an AMA guarantee or endorsement of the product or the claims made for the product by the manufacturer.

WORLD WIDE WEB ADDRESS—<http://www.ama-assn.org>

PEDIATRICS HOME PAGE—<http://www.archpediatrics.com>

Publication Staff

Offices: 515 N State St, Chicago, IL 60610

Editorial Processing Department

Division Director: Cheryl Iverson
Department Director: Paula Glitman
Copyediting Manager:
Brenda Gregoline
Freelance Copyediting Manager:
Diane L. Cannon
Freelance Copyediting Coordinators:
Gwen Chaffen
Connie Manno
Electronic Editing Specialist:
Paul Frank
Assistant Electronic Editing Specialist:
Monica Mungle
Senior Copy Editors:
Erin M. Giannini
Vickey Golden
Copy Editors:
Lauren B. Fischer
Juana N. Llorens
Rachel Novickas
Cheryl L. Tobey
Editorial Assistant: Wanda Hill

Scientific Publications & Multimedia Applications

Assistant to the Editor: Helga Fritz

Scientific Online Resources

Director: Margaret Winker, MD
Electronic Media Department Director:
Michelle Kurzynski
Web Development Editor: Keith Huff
Assistant Editor: Nikhil Torsekar
Web Copy Editor: Erin M. Giannini
Web Office Manager: Marla A. Hall
Editorial Assistant: Gemma Wall

Specialty Journal Division Office

Manager, Marketing Services:
Geoffrey A. Flick
Assistant to the Publisher:
Christine Hearne

Circulation & Content Marketing Division

Administrative Assistant:
Millet Jackson-Bates

Circulation Processing Department

Director: Robert Herling
Subscriber Services Manager:
Susan Stoken
Circulation Systems Manager:
Alfred Tomaselli
Circulation Specialists:
Reginald Jordan
Kathryn Osten

Circulation Development Department

Director: Bina Oza
Circulation Marketing Managers:
Vida Damijonaitis
Donna Goldman
Michael McGraw
Circulation Marketing Specialist:
Sandra Garzon

Licensing & Permissions Department

Director: Norman Frankel
Permissions: Rhonda Bailey

Production & Distribution Division

Directors: Karen Adams-Taylor,
Paul Gasciecki, Vanessa Hayden
Managers: David Antos, Karen Branham,
Debbie Camp, Diane Darnell,
Kar 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, 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,
Joel Brammeier, 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. Omiotek,
Mary Kay Tinerella,
Barbara Wojtowicz,
Agnes A. Zarkadas

Advertising

Director, Advertising Sales:
Peter G. Messina
AMA Classified Advertising Department:
Thalia Moss, 800-262-2260.
Advertising Offices:
East: Philip G. Soufleris and
Kelly Lezynski,
119 Cherry Hill Rd, 3rd Flr,
Parsippany, NJ 07054
(973) 263-9191.
Midwest/West: Alexis O'Connell,
515 N State St,
Chicago, IL 60610
(312) 464-2470.



ARCHIVES

OF

PEDIATRICS & ADOLESCENT MEDICINE

MARCH 2001 VOLUME 155, NUMBER 3 PAGES 321-428

EDITORIALS

- Reducing Gun Carrying by Youth** 330
Peter Ash, MD;
Arthur L. Kellermann, MD, MPH
- Complexities in Recognizing and Treating Iron Deficiency Anemia** 332
Herbert T. Abelson, MD

ARTICLES

- Factors Preventing Gun Acquisition and Carrying Among Incarcerated Adolescent Males** 335
Lorraine H. Freed, MD, MPH;
Daniel W. Webster, ScD, MPH;
Jason J. Longwell, MHS;
Joseph Carrese, MD, MPH;
Modena H. Wilson, MD, MPH
- Witnessing Violence Among Inner-city Children of Substance-Abusing and Non-Substance-Abusing Women** 342
Maureen E. Schuler, PhD;
Prasanna Nair, MD, MPH
- Maternal Depressive Symptoms and Emergency Department Use Among Inner-city Children With Asthma** 347
Susan J. Bartlett, PhD; Kenneth Kolodner, ScD;
Arlene M. Butz, ScD;
Peyton Eggleston, MD;
Floyd J. Malveaux, MD, PhD;
Cynthia S. Rand, PhD

- Measles-Mumps-Rubella and Other Measles-Containing Vaccines Do Not Increase the Risk for Inflammatory Bowel Disease: A Case-Control Study From the Vaccine Safety Datalink Project** 354
Robert L. Davis, MD, MPH; Piotr Kramarz, MD;
Kari Bohlke, ScD; Patti Benson, MPH;
Robert S. Thompson, MD;
John Mullooly, PhD;
Steve Black, MD;
Henry Shinefield, MD;
Edwin Lewis, MPH; Joel Ward, MD;
S. Michael Marcy, MD;
Eileen Eriksen, MPH;
Frank Destefano, MD, MPH;
Robert Chen, MD;
for the Vaccine Safety Datalink Team

- Television Watching, Energy Intake, and Obesity in US Children: Results From the Third National Health and Nutrition Examination Survey, 1988-1994** 360
Carlos J. Crespo, DrPH, MS;
Ellen Smit, PhD, RD;
Richard P. Troiano, PhD, RD;
Susan J. Bartlett, PhD;
Caroline A. Macera, PhD;
Ross E. Andersen, PhD

- Outcome of Children Identified as Anemic by Routine Screening in an Inner-city Clinic** 366
Debra L. Bogen, MD; Jennifer P. Krause, MD;
Janet R. Serwint, MD

American Medical Association

Physicians dedicated to the health of America



Copyright 2001 by the American Medical Association. All rights reserved.
Reproduction without permission is prohibited.

All articles published, including editorials, letters, and book reviews, represent the opinions of the authors and do not reflect the policy of the American Medical Association, the Editorial Board, or the institution with which the author is affiliated, unless this is clearly specified.

Catherine D. DeAngelis, MD, MPH
Editor in Chief, Scientific Publications
& Multimedia Applications

Robert L. Kennett
Vice President, Publishing

Peter L. Payerli
Publisher

Cheryl Iverson
Managing Editor

E. Ratcliffe Anderson, Jr, MD
Executive Vice President,
Chief Executive Officer

Robert A. Musacchio, PhD
Senior Vice President,
Publishing & Business Services

Significance of Grunting Respirations in Infants Admitted to a Well-Baby Nursery <i>Gentry C. Yost, MD;</i> <i>Paul C. Young, MD;</i> <i>Karen F. Buchi, MD</i>	372	Impact of Low Birth Weight on Early Childhood Asthma in the United States <i>Ann-Marie Brooks, MD;</i> <i>Robert S. Byrd, MD, MPH;</i> <i>Michael Weitzman, MD;</i> <i>Peggy Auinger, MS;</i> <i>John T. McBride, MD</i>	401
Accuracy of a Noninvasive Temporal Artery Thermometer for Use in Infants <i>David S. Greenes, MD;</i> <i>Gary R. Fleisher, MD</i>	376		
Effectiveness of a Practice-Based Intervention to Increase Vaccination Rates and Reduce Missed Opportunities <i>Cynthia S. Minkovitz, MD, MPP;</i> <i>Amy D. Belote, MHS, CHES;</i> <i>Susan M. Higman;</i> <i>Janet R. Serwint, MD;</i> <i>Jonathan P. Weiner, DrPH</i>	382	Picture of the Month <i>Naji A. Kulaylat, MD;</i> <i>Hassib Narchi, MD;</i> <i>Walter W. Tunnessen, Jr, MD</i>	407
Evidence for Changing Guidelines for Routine Screening for Retinopathy of Prematurity <i>Shoo K. Lee, MBBS, FRCPC, PhD;</i> <i>Charles Normand, BA, DPhil;</i> <i>Douglas McMillan, MD, FRCPC;</i> <i>Arne Ohlsson, MD, FRCPC, MSc;</i> <i>Michael Vincer, MD, FRCPC;</i> <i>Christopher Lyons, MBBS, FRCSC;</i> <i>for the Canadian Neonatal Network</i>	387	Pathological Case of the Month <i>Sharon Geaghan, MD</i>	409
Clinical, Laboratory, and Epidemiologic Features of Murine Typhus in 97 Texas Children <i>Sarah F. Whiteford, MD;</i> <i>Jeffery P. Taylor, MPH;</i> <i>J. Stephen Dumler, MD</i>	396	Pathological Case of the Month <i>Bina S. Menon, MRCP;</i> <i>Wan Maziah, WM, MMed;</i> <i>Mutum Samarendra, MDPath;</i> <i>Ahmad Toha, MMed</i>	411
		Radiological Case of the Month <i>Phyllis R. Bishop, MD;</i> <i>Michael J. Nowicki, MD;</i> <i>Paul H. Parker, MD</i>	413
		Radiological Case of the Month <i>Derek S. Wheeler, MD;</i> <i>W. Bradley Poss, MD;</i> <i>Alton L. Stocks, MD</i>	415

SPECIAL FEATURES

ARCHIVES

OF

PEDIATRICS & ADOLESCENT MEDICINE

Editor:

Frederick P. Rivara, MD, MPH
*Archives of Pediatrics
& Adolescent Medicine*
The Child Health Institute
University of Washington
Suite 300
146 N Canal St
Seattle, WA 98103-8652
(206) 685-3573
Fax: (206) 685-3572

Associate Editors:

Abraham Bergman, MD
Seattle, Wash
Dimitri Christakis, MD, MPH
Seattle, Wash
Alain Joffe, MD, MPH
Baltimore, Md

Editorial Manager:

Suzanne Shuey
Seattle, Wash

Statistical Consultant:

Peter Cummings, MD, MPH
Seattle, Wash

Editorial Board:

Lewis A. Barness, MD
Tampa, Fla
Carolyn DiGuseppi, MD, MPH
Denver, Colo
Claibourne I. Dungy, MD
Iowa City, Iowa
Laurence Finberg, MD
San Francisco, Calif
Enid Gilbert-Barness, MD
Tampa, Fla
Richard E. Kreipe, MD
Rochester, NY
Gregory L. Landry, MD
Madison, Wis

Harold P. Lehmann, MD, PhD

Baltimore, Md
David Lewis, MD
Palo Alto, Calif
Howard Markel, MD, PhD
Ann Arbor, Mich
Donna G. Nativio, PhD, RN
Pittsburgh, Pa
Vaughn I. Rickert, PsyD
New York, NY
David Schonfeld, MD
New Haven, Conn
Gary A. Smith, MD, DrPH
Columbus, Ohio
Walter W. Tunnessen, Jr, MD
Chapel Hill, NC
Beverly P. Wood, MD
Los Angeles, Calif
Andrew M. Yeager, MD
Pittsburgh, Pa

Section Editors:

Book Reviews and Other Media
Abraham Bergman, MD
Seattle, Wash

Pathological Case of the Month
Enid Gilbert-Barness, MD
Tampa, Fla

Picture of the Month
Walter W. Tunnessen, Jr, MD
Chapel Hill, NC

Radiological Case of the Month
Beverly P. Wood, MD
Los Angeles, Calif

THE PEDIATRIC FORUM**Boy Scouts of America Policy on Homosexuality** 417

John M. Girard, MD; Mark Levy, MD;
Julie Ellner, MD; Tao Kwan-Gett, MD, MPH

Pediatric Acetaminophen Poisoning 417

Geoff Isbister, BSc, MBBS;
Ian Whyte, MBBS, FRACP;
Andrew Dawson, MBBS, FRCP(Ed), FRACP

In Reply 418

Sarah W. Alander, MD;
M. Denise Dowd, MD, MPH;
Susan L. Bratton, MD, MPH;
Gregory L. Kearns, PharmD

Promoting Adolescent Smoking Cessation Is Worth the Effort 419

Robin B. McFee, DO, MPH;
Rachel Boykan, BFA; Howard Lasner, BS;
Brian Mazure, BS

In Reply 420

Richard D. Hurt, MD; Gary A. Croghan, PhD, MD;
Ivana T. Croghan, PhD; Christi A. Patten, PhD;
Scott D. Beede, MD; Troy D. Wolter, MS

Does Information Collected During the Residency Match Process Predict Clinical Performance? 420

Peter A. Lane, MD;
Ann-Christine Nyquist, MD, MSPH;
O. Patrick O'Meara, MD;
Ralph R. Quinones, MD;
Elizabeth H. Thilo, MD

In Reply 421

Stephen M. Borowitz, MD;
Frank T. Saulsbury, MD;
William G. Wilson, MDMS

Universal Newborn Hearing Screening 421

Martin B. Lahr, MD, FAAP

In Reply 422

Alex R. Kemper, MD, MPH, MS, FAAP

BOOK REVIEWS AND OTHER MEDIA**Time to Heal: American Medical Education From the Turn of the Century to the Era of Managed Care** 424

Edward M. McMahon, Jr, MD

Preventive Management of Children With Congenital Anomalies and Syndromes 424

Enid Gilbert-Barness, MD

REGULAR DEPARTMENTS**This Month in Archives of Pediatrics & Adolescent Medicine** 329**Classified Advertising** 426**Index to Advertisers** 428

Instructions for Authors—
See January 2001 issue, page 101, or visit
the Web site at <http://www.archpediatrics.com>.