

ARCHIVES OF PEDIATRICS & ADOLESCENT MEDICINE

The ARCHIVES OF PEDIATRICS & ADOLESCENT MEDICINE 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 Information Access Company.

The Journal of the American Medical Association (JAMA)

Archives of Dermatology
Archives of Family Medicine
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 30 500 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 \$110 for 1 year (12 issues) in the United States and US possessions; \$152 in the Americas; £98 outside the Americas. The institution rates for 1 year are \$160 in the United States; \$200 in the Americas; £130 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) 760-7827. Fax: (312) 464-5831. E-mail: ama-subs@ama-assn.org. (2) For delivery outside the Americas, contact JAMA & Archives Journals, Reader Services Centre, PO Box 299, London WC1H 9TD, England. Phone: +44 (0)171-383-6270. Fax: +44 (0)171-383-6402. E-mail: bmjsubs@dial.pipex.com.

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, 500 Fifth Ave, #2210, New York, NY 10110. Phone: (212) 354-0050. Fax: (212) 354-1169. E-mail: wanda_bartolotta@ama-assn.org. For reprint orders in limited quantities for distribution by educational organizations and for author reprints, please contact Joseph R. Rekish, 515 N State St, Chicago, IL 60610. Phone: (312) 464-4594. Fax: (312) 464-4849.

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

PEDIATRICS HOME PAGE—<http://www.ama-assn.org/peds>.

PERMISSIONS—Contact Ada Jimenez-Walker, 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.

Publication Staff
Offices: 515 N State St
Chicago, IL 60610

Editorial Processing Department,
Archives Journals

Director: Paula Glitman
Manager: Vickey Golden
Freelance Manager: Diane L. Cannon
Freelance Coordinator:
Sandra E. Hazel

Electronic Editing Specialist:
Paul Frank

Assistant Electronic Editing Specialist:
Monica Mungle

Copy Editors:
Brenda Gregoline
Mary Kingzette
Bryan E. Steinmetz

Editorial Assistant: Celina Canchola
Scientific Information and
Multimedia Group

Administrative Assistant: Helga Fritz
New Media Editorial Office

Editorial Director, New Media:
William M. Silberg

Associate Editor: Marty Suter
Assistant Editors:

Deborah Flapan
Neal Shankman

Staff Assistant: Marla A. Hall



Production & Distribution Division

Manager, Budgets & Costs:
Bonnie Van Cleven

Office Manager: Karen Branham
Senior Secretary: Shannon Epplert

Advertising & Production Department

Director: Karen Adams-Taylor
Manager, Advertising Services:
Carole Piszker

Manager, Production Services:
Susan Price

Production Associates:
Debbie Camp
Betty Frigerio
Mari Guizzetti
Sarah Powell
Jennifer Reiling
Chad Sanderson
Mary Ann Schultz
Carmela Ware

Production Assistant:
Jo Anne Turner

Distribution

Distribution Manager: Paul Gaseiecki

Electronic Production Department

Director: Linda Knott
Supervisor, Composition: Phil Arko
Electronic Production Operators:
Brenda Chandler
La'son J. Diggs
Mary Ann Kuranda
Sandra Lopez

Manager, Graphics: Charl Richey
Graphics Operators:

Joe Amft
Ellen Gundersen
JoAnne Weiskopf
Alicja Wojcik-Dunn

Manager, Proofreading:
Teresa H. Omiolek

Proofreaders:

David Antos
Daniel James
Mary Kay Tinerella
Barbara Wojtowicz

Production Assistant: Ruth Sprague

Database & New Media

Electronic Coordinator:
Mary Ellen Johnston
Indexer: Kathy Gaydar

Database Assistants:
Gail Barrett
Melanie Parenti
Vincent Tafoya

Specialty Journal Division Office

Assistant to the Publisher:
Christine Hearne

Publications Marketing & New Media Division

Administrative Assistant:
Millette Jackson-Bates

Circulation Processing Department

Director: Beverly Martin

Circulation Development Department

Director: Bina Oza

Licensing & Permissions Department

Director: Norman Frankel
Permissions: Ada Jimenez-Walker
International Coordinator: Sharon Ali

Reprints

Reprint Coordinator: Joseph Rekish



ARCHIVES

OF

PEDIATRICS & ADOLESCENT MEDICINE

VOL 152 NO. 1, JANUARY 1998

EDITORIAL

- Vaccine Liability and Safety Revisited** 7
Geoffrey Evans, MD

ARTICLES

- Physician Concerns About Vaccine Adverse Effects and Potential Litigation** 12
Richard Kent Zimmerman, MD, MPH;
James J. Schlesselman, PhD;
Tammy A. Mieczkowski, MA;
Anne R. Medsger, RN, MSHyg;
Mahlon Raymund, PhD
- Health Status and Service Use: Comparison of Adolescents at a School-Based Health Clinic With Homeless Adolescents** 20
Jo Ensign, FNP, DrPH; John Santelli, MD, MPH
- Managed Care and School-Based Health Centers: Use of Health Services** 25
David W. Kaplan, MD, MPH;
B. Ned Calonge, MD, MPH;
Bruce P. Guernsey, MSW;
Maureen B. Hanrahan, BSN, MA
- Neonatal Early-Onset *Escherichia coli* Disease: The Effect of Intrapartum Ampicillin** 35
Tessy A. Joseph, MD; Suma P. Pyati, MD;
Norman Jacobs, MD
- Childhood Injuries From Artificial Nail Primer Cosmetic Products** 41
Alan Woolf, MD, MPH; Judith Shaw, RN, MPH
- Diarrheal Mortality in US Infants: Influence of Birth Weight on Risk Factors for Death** 47
Umesh D. Parashar, MBBS, MPH;
Paul E. Kilgore, MD, MPH;
Robert C. Holman, MS;
Matthew J. Clarke, MA;
Joseph S. Bresee, MD;
Roger I. Glass, MD, PhD
- Urine-Based Screening of Adolescents in Detention to Guide Treatment for Gonococcal and Chlamydial Infections: Translating Research Into Intervention** 52
M. Kim Oh, MD; Kim R. Smith, MT;
Mike O'Cain; David Kilmer, MSW;
Julie Johnson; Edward W. Hook III, MD

American Medical Association

Physicians dedicated to the health of America



Copyright 1998 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.

Lynn Jensen, PhD
Chief Operating Officer &
Interim Executive Vice President

George D. Lundberg, MD
Editor in Chief, Scientific
Information and Multimedia

Robert L. Kennett
Vice President, Publishing

Peter L. Payerli
Publisher

Vanessa Hayden
Director, Production &
Distribution Division

Cheryl Iverson
Director, Editorial Processing
Division

Geoffrey A. Flick
Manager, Marketing Services

Advertising Offices: East: Phillip B. Altamore, Peter G. Messina, and Kelly Lezynski, 119 Cherry Hill Rd, 3rd Flr, Parsippany, NJ 07054 (201) 263-9191.
Midwest/West: Alexis O'Connell, 515 N State St, Chicago, IL 60610 (312) 464-2470. **AMA Classified Advertising Department:** Thalia Moss, 800-262-2260.

Gender Differences in Risk Behaviors Associated With Forced or Pressured Sex <i>Lydia A. Shrier, MD, MPH;</i> <i>Judith Dwyer Pierce, EdD;</i> <i>S. Jean Emans, MD;</i> <i>Robert H. DuRant, PhD</i>	57
--	----

What Mothers in the Women, Infants, and Children (WIC) Program Feel About WIC and Immunization Linkage Activities: A Summary of Focus Groups in Wisconsin <i>Abigail Shefer, MD; Jane Mezzoff, DrPh;</i> <i>Diane Caspari, MUP; Marilyn Bolton;</i> <i>Patti Herrick</i>	65
--	----

COMMENTARY

The Early History of the Treatment for Dehydration <i>Laurence Finberg, MD</i>	71
--	----

EDUCATIONAL INTERVENTION

The Use of an Objective Structured Clinical Examination With Postgraduate Residents in Pediatrics <i>Robert I. Hilliard, MD, EdD, FRCPC;</i> <i>Susan E. Tallett, MBBS, FRCPC</i>	74
--	----

HISTORY OF PEDIATRICS

The 'First To Perish': Child Euthanasia in the Third Reich <i>Stefan Parent, MD, CM;</i> <i>Michael Shevell, MD, CM, FRCPC</i>	79
---	----

SPECIAL FEATURES

Radiological Case of the Month <i>Teresa Rivera-Penera, MD;</i> <i>Karin Nielsen, MD, MPH;</i> <i>Theodore R. Hall, MD</i>	87
--	----

Picture of the Month <i>Karen D. Tsuchiya, MD;</i> <i>Miriam Forsythe, MS;</i> <i>Nathaniel H. Robin, MD;</i> <i>Walter W. Tunnessen, Jr, MD</i>	89
---	----

Pathological Case of the Month <i>Orestes Borrego, MD;</i> <i>Enid Gilbert-Barness, MD</i>	91
---	----

Pathological Case of the Month <i>Lynn A. D'Andrea, MD</i>	93
--	----

ARCHIVES OF PEDIATRICS & ADOLESCENT MEDICINE

Editor:

Catherine D. DeAngelis, MD
Dean of Academic Affairs & Faculty
Johns Hopkins School of Medicine
720 Rutland Ave, Suite 106
Baltimore, MD 21205
(410) 614-3100
Fax: (410) 614-3099

Associate Editors:

Alain Joffe, MD
Baltimore, Md
Modena E. H. Wilson, MD
Baltimore, Md

Editorial Manager:

Carol Bocchini
Baltimore, Md

Editorial Board:

Lewis A. Barness, MD
Tampa, Fla
Claibourne I. Dungey, MD
Iowa City, Iowa
Laurence Finberg, MD
San Francisco, Calif
Enid Gilbert-Barness, MD
Tampa, Fla
Margaret K. Hostetter, MD
Minneapolis, Minn
Richard E. Kreipe, MD
Rochester, NY
Harold P. Lehmann, MD, PhD
Baltimore, Md
Howard Markel, MD, PhD
Ann Arbor, Mich
Donna G. Nativio, PhD, RN
Pittsburgh, Pa

Judith S. Palfrey, MD
Boston, Mass
Robert Penny, MD
Los Angeles, Calif
Gary A. Smith, MD, DrPH
Columbus, Ohio
E. Richard Stiehm, MD
Los Angeles, Calif
Thomas G. Storch, MD
New Orleans, La
Walter W. Tunnessen, Jr, MD
Chapel Hill, NC
Roberta G. Williams, MD
Chapel Hill, NC
Beverly P. Wood, MD
Los Angeles, Calif
Andrew M. Yeager, MD
Atlanta, Ga

Section Editors:

Book Reviews
Lewis A. Barness, MD
Tampa, Fla

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

Call for Papers	96
<i>Catherine D. DeAngelis, MD</i>	
Henoch-Schönlein Purpura in a Child at Risk of Abuse	96
<i>Kimberly C. Daly, MD;</i> <i>Robert M. Siegel, MD</i>	
Clonic Movements Following Lorazepam Administration in Full-Term Infants	98
<i>Patricia R. Chess, MD;</i> <i>Carl T. D'Angio, MD</i>	
What Bulges Under a Bulging Fontanel?	100
<i>Steven M. Rothman, MD;</i> <i>Benjamin C. P. Lee, MD</i>	
The Health and Hormone Status of Female Cadets and Active-Duty Women in the US Armed Forces	101
<i>William H. James, PhD</i>	
Treating Ear Pain in Children With Acute Otitis Media	102
<i>Sherman Woldman, MD</i>	

In Reply	102
<i>Alejandro Hoberman, MD;</i> <i>Jack L. Paradise, MD</i>	

Formula Discharge Packages' Effect on Breast-feeding Duration	102
<i>Brian W. Donnelly, MD</i>	

BOOK REVIEWS

American Childhood: Risks and Realities	103
<i>Kimberly Hunt, MD</i>	

Textbook of Pediatric Intensive Care	103
<i>Bruce M. Schnapf, DO</i>	

REGULAR DEPARTMENTS

Instructions for Authors	105
Classified Advertising	110
Index to Advertisers	112