

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 directly from AMA as well as the following aggregators: Dialog Information Services, Proquest, Ovid Technologies, Inc, Gale Research, and EBSCO.

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 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 30900 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—

	Individual Print & Online	Individual Online Only
US	\$185	\$140
Americas	\$235	\$140
Rest of World	£165	£100
	Institution Print & Online	Institution Online Only
US	\$340	\$260
Americas	\$445	\$260
Rest of World	£290	£185

Rates for residents and medical students available.

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 the Americas, see below.

SUBSCRIPTION INFORMATION—Subscription inquiries for mailing addresses in the US and the Americas: For fastest service, direct inquiries regarding missing issues, address changes, subscription billing, subscription renewal, or back issue purchases as shown below: **AMA members:** Phone: 800-262-3211 between 8:30 AM-4:45 PM CST; Fax: 800-262-3221; E-mail: masc@ama-assn.org. **Other physicians and nonphysician customers:** Phone: 800-262-2350 or 312-670-7827 (same hours as above); Fax: 312-464-5831; E-mail: ama-subs@ama-assn.org. Mail inquiries should be directed to the Unified Service Center, American Medical Association, PO Box 10946, Chicago, IL 60610-0946. For mailing addresses outside the US and the Americas: Contact JAMA and Archives Journals, American Medical Association, Tower House, Sovereign Park, Market Harborough, Leicestershire LE15 9EF, UK. Phone: +44 (0) 1858-438880; Fax: +44 (0) 1858-434958; E-mail: ama@subscription.co.uk.

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 Reprints 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

Department Director: Paula Glitman

Copyediting Manager:

Brenda Gregoline

Freelance Copyediting Manager:

Diane L. Cannon

Freelance Copyediting Coordinators:

Lauren B. Fischer

Connie Manno

Editorial Systems Managers:

Paul Frank

Monica Mungle

Systems Programmer/Internet Specialist:

J. D. Neff

Senior Copy Editor:

Vickey Golden

Copy Editors:

Juana N. Llorens

Rachel Novickas

Cheryl L. Tobey

Rachel Bodzin Young

Editorial Assistant: Wanda Hill

Circulation & Classified Advertising Division

Division Director: Curt Reilly

Managers: Vida Damijonaitis,
Michael McGraw, Thalia Moss,
Alfred Tomaselli

Physician's Marketplace—

Classified Advertising: (800) 262-2260

Advertising

National Sales Director:

Peter J. Murphy

Account Managers:

Philip G. Souleris (East/Midwest)

(973) 263-9191 ext. 204

Peter G. Messina (East/Midwest)

(973) 263-9191 ext. 205

Advertising Office:

119 Cherry Hill Rd, 3rd Flr,

Parsippany, NJ 07054

(973) 263-9191

Publishing Manager: Geoffrey A. Flick

Scientific Publications & Multimedia Applications

Assistant to the Editor: Helga Fritz

Scientific Online Resources

Director: Margaret Winker, MD

Electronic Media Department Director:

Michelle Kurzynski

Associate Web Editors:

Katherine Behar

Erin M. Giannini

Web Office Manager: Marla A. Hall

Publishing Operations Division

Division Director: Vanessa Hayden

Directors: Karen Adams-Taylor,

Paul Gasielki

Managers: David Antos, Debbie Camp,

Karl Elvin, Betty Frigerio,

Mary Ellen Johnston, Susan Price,

Charl Richey, Carmela Ware

Production Associates and Specialists

Advertising and Production Services:

LaWanda Brown, Susan Chiara,

Mary Anne Donley, Brian McCartney,

Sarah Powell, Denise Steinhauer,

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, Rowena F. Dagang,

John Marcinek, La'son Diggs Sledge,

Angela Smits

Distribution: Linda Alexander

Graphics: Joe Amft, Noel Chaparro,

Carolyn Hall, Maria Kowalkowski,

Chris Meyer, JoAnne Weiskopf

Proofreading: Carol Joy Farrell,

Daniel James, Teresa H. Omietek,

Mary Kay Tinerella,

Barbara Wojtowicz,

Agnes A. Zarkadas



ARCHIVES

OF

PEDIATRICS & ADOLESCENT MEDICINE

JUNE 2002

VOLUME 156, NUMBER 6

PAGES 525-632

EDITORIAL

- Simple Febrile Seizures: Do Polymorphisms of the Interleukin 1 Gene Cluster Simplify Our Understanding?** 529
David B. Lewis, MD

ON MY MIND

- It's Because They Didn't Know Our Names** 531
Elizabeth A. Rider, MSW, MD

ARTICLES

- A Randomized, Controlled Trial of a Community-Based Support Program for Families of Children With Chronic Illness: Pediatric Outcomes** 533
Robin G. Chernoff, MD; Henry T. Ireys, PhD; Katherin A. DeVet, PhD; Young J. Kim, PhD
- Comparison of 2 Iron Doses in Infants Receiving Recombinant Human Erythropoietin Therapy** 540
Shahid Nazir, MD; Ricardo L. Peverini, MD; Douglas D. Deming, MD; Andrew O. Hopper, MD; Nidia R. Vyhmeister, MD
- Polymorphisms for Interleukin 1 β Exon 5 and Interleukin 1 Receptor Antagonist in Taiwanese Children With Febrile Convulsions** 545
Fuu-Jen Tsai, MD, PhD; Yao-Yuan Hsieh, MD; Chi-Chen Chang, MD; Cheng-Chieh Lin, MD; Chang-Hai Tsai, MD, PhD

- Academic and School Health Issues Among Children Exposed to Maternal Intimate Partner Abuse** 549
Mary A. Kernic, PhD, MPH; Victoria L. Holt, PhD, MPH; Marsha E. Wolf, PhD; Barbara McKnight, PhD; Colleen E. Huebner, PhD, MPH; Frederick P. Rivara, MD, MPH

- Quality of Life in Adolescent Girls With Polycystic Ovary Syndrome** 556
Maria E. Trent, MD, MPH; Michael Rich, MD, MPH; S. Bryn Austin, ScD; Catherine M. Gordon, MD, MSc

- Underuse of Controller Medications Among Medicaid-Insured Children With Asthma** 562
Jonathan A. Finkelstein, MD, MPH; Paula Lozano, MD, MPH; Harold J. Farber, MD; Irina Miroshnik, MS; Tracy A. Lieu, MD, MPH

- Efficacy and Toxicity of Antiretroviral Therapy Using 4 or More Agents: Application of a Strategy for Antiretroviral Management in Human Immunodeficiency Virus-Infected Children** 568
Ann J. Melvin, MD, MPH; Paul F. Lewis, MD; Kathleen M. Mohan, RN, MS; W. Scott Naugler, MD; Lisa M. Frenkel, MD

- Effects of Removing Gatekeeping on Specialist Utilization by Children in a Health Maintenance Organization** 574
Timothy G. Ferris, MD, MPH; Yuchiao Chang, PhD; James M. Perrin, MD; David Blumenthal, MD, MPP; Steven D. Pearson, MD, MSc

- Predictors of Change on the Smoking Uptake Continuum Among Adolescents** 581
Nancy J. Kaufman, MS; Brian C. Castrucci; Paul D. Mowery, MS; Karen K. Gerlach, PhD, MPH; Seth Emont, PhD; C. Tracy Orleans, PhD

JAMA
&
ARCHIVES
JOURNALS
American Medical Association

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

Nawin Gupta, PhD
Group Publisher

Cheryl Iverson
Managing Editor

Michael D. Maves, MD, MBA
Executive Vice President,
Chief Executive Officer

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

Copyright 2002 by the American Medical Association. All rights reserved.
Reproduction without permission is prohibited.

What Sexually Transmitted Disease Screening Method Does the Adolescent Prefer? Adolescents' Attitudes Toward First-Void Urine, Self-collected Vaginal Swab, and Pelvic Examination 588

Michelle Serlin, MD; Mary-Ann Shafer, MD; Kathleen Tebb, PhD; Afua-Adoma Gyamfi, BS; Jeanne Moncada, MT; Julius Schachter, PhD; Charles Wibbelsman, MD

Primary Care Referral of Children With Psychosocial Problems 592

Jerry Rushton, MD, MPH; David Bruckman, MS; Kelly Kelleher, MD, MPH

Temporal Associations Between Depressive Symptoms and Self-reported Sexually Transmitted Disease Among Adolescents 599

Lydia A. Shrier, MD, MPH; Sion Kim Harris, PhD; William R. Beardslee, MD

Validity of the CRAFFT Substance Abuse Screening Test Among Adolescent Clinic Patients 607

John R. Knight, MD; Lon Sherritt, MPH; Lydia A. Shrier, MD, MPH; Sion Kim Harris, PhD; Grace Chang, MD, MPH

Pattern of Learning Disabilities in Children With Extremely Low Birth Weight and Broadly Average Intelligence 615

Ruth Eckstein Grunau, PhD; Michael F. Whitfield, MD; Cynthia Davis, PhD

Antibiotic Use for Upper Respiratory Tract Infections: How Well Do Pediatric Residents Do? 621

Sumathi Nambiar, MD; Richard H. Schwartz, MD; Michael J. Sheridan, ScD

THE PEDIATRIC FORUM

Adolescent Smoking Cessation: Implications for Relapse-Sensitive Interventions 625

Won S. Choi, PhD; Jasjit S. Ahluwalia, MD, MPH, MS; Niaman Nazir, MBBS, MPH

Preventing Unnecessary Emergency Department Visits for "Albuterol Nebs" 626

Barton D. Schmitt

In Reply 626

Irene Tien, MD; Howard Bauchner, MD

BOOK REVIEWS AND OTHER MEDIA

Medical Evaluation of Child Sexual Abuse: A Practical Guide, 2nd ed 627

Lori Frasier, MD

Collaborating With Parents: Using Parents' Evaluations of Developmental Status to Detect and Address Developmental and Behavioral Problems 627

Edward R. Christophersen, PhD

REGULAR DEPARTMENTS

This Month in Archives of Pediatrics & Adolescent Medicine 528

Correction 626

Classified Advertising 692

Index to Advertisers 632

Instructions for authors are available on our Web site: <http://www.archpediatrics.com>. If you do not have access to the Web, contact Suzanne Shuey at (206) 685-3573.

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 A. 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:

Jeffrey P. Brosco, MD, PhD
Miami, Fla

Ellen F. Crain, MD, PhD
Bronx, NY

Leona Cuttler, MD
Cleveland, Ohio

Phyllis Armelle Dennery, MD
Palo Alto, Calif

Carolyn DiGuseppi, MD, MPH
Denver, Colo

Gary L. Freed, MD, MPH
Ann Arbor, Mich

Frances P. Glascoe, EdS, PhD
Nashville, Tenn

Gregory L. Landry, MD

Madison, Wis

Harold P. Lehmann, MD, PhD
Baltimore, Md

David Lewis, MD
Palo Alto, Calif

Susan G. Millstein, MS, PhD
San Francisco, Calif

Vaughn I. Rickert, PsyD
New York, NY

David Schonfeld, MD
New Haven, Conn

Donald F. Schwarz, MD, MPH, MBA
Philadelphia, Pa

Phillip M. Sherman, MD, FRCPC
Toronto, Ontario

Robert C. Whitaker, MD, MPH
Princeton, NJ

Section Editors:

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

Clinical Problem Solving
Abraham Bergman, MD
Seattle, Wash

Evidence-Based Journal Club
Dimitri A. Christakis, MD, MPH
Seattle, Wash

Harold P. Lehmann, MD, PhD
Baltimore, Md