

# ARCHIVES

---

OF

# PEDIATRICS & ADOLESCENT MEDICINE

---

VOL 150 NO. 1, JANUARY 1996

---

Editorial

**Securing the Future**

Elizabeth R. McAnarney, MD;  
Michael Weitzman, MD;  
Richard A. Insel, MD

14

**Trends and Predictors of Human  
Immunodeficiency Virus Antibody  
Testing by Homosexual and Bisexual  
Adolescent Males, 1989-1994**

Maryanne Povinelli; Gary Remafedi, MD, MPH;  
Guoyu Tao, MS

33

---

Articles

**Sexually Transmitted Diseases, Human  
Immunodeficiency Virus, and  
Pregnancy Prevention: Combined  
Contraceptive Practices Among Urban  
African-American Early Adolescents**

B. F. Stanton, MD; X. Li, PhD;  
J. Galbraith, MA; S. Feigelman, MD;  
L. Kaljee, MA

17

---

**In Search of the Holy Grail**

James M. Oleske, MD, MPH

39

---

Editorial

**Vitamin A and Respiratory Syncytial  
Virus Infection: Serum Levels  
and Supplementation Trial**

Kyran P. Quinlan, MD,  
Karen C. Hayani, MD

25

---

**Diagnosis of Pediatric Human  
Immunodeficiency Virus Infection by  
Means of a Commercially Available  
Polymerase Chain Reaction  
Gene Amplification**

Robert P. Nelson, Jr, MD;  
Lorinda J. Price, MD, MPH;  
Alan B. Halsey, MD;  
Stanley N. Graven, MD;  
Lionel Resnick, MD;  
Noorbibi K. Day, PhD;  
Richard F. Lockey, MD;  
Robert A. Good, MD, DSc

40

---

Articles

**American Medical Association**

Physicians dedicated to the health of America



Copyright 1996 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.

**James S. Todd, MD**

Executive Vice President

**Kenneth E. Monroe**

Deputy Executive Vice President

**James F. Rappel**

Group Vice President,  
Business and Management Services

**George D. Lundberg, MD**

Editor in Chief, Scientific  
Information and Multimedia

**Robert L. Kennett**

Vice President, Publishing

**Michael D. Springer**

Publisher

**Mary C. Steermann**

Director, Production and  
Distribution Division

**Cheryl Iverson**

Director, Editorial Processing  
Division

**Peter L. Payerli**

Director, Advertising Sales

**Geoffrey A. Flick**

Manager, Marketing Services

**Advertising Offices: East:** Phillip B. Altamore, Peter G. Messina, John L. Reeves, 119 Cherry Hill Rd, 3rd Flr, Parsippany, NJ 07054 (201) 263-9191. **Midwest/West:** Monica E. Brent, 515 N State St, Chicago, IL 60610 (312) 464-2470. **AMA Physician Recruitment Advertising Department:** Carri Lynch, Supervisor, 800-262-2260.

<p><b>Content Analysis of Prime-time Television Medical News: A Pediatric Perspective</b>            Nivedita P. Prabhu, MD;            Linda C. Duffy, PhD;            F. Bruder Stapleton, MD</p>	46	<p><b>The Discriminating Value of Serum Lactate Dehydrogenase Levels in Children With Malignant Neoplasms Presenting as Joint Pain</b>            Michele Wallendal, MD; Linda Stork, MD;            J. Roger Hollister, MD</p>	70
<p><b>Relationship Between Behavioral Problems and Unintentional Injuries in US Children: Findings of the 1988 National Health Interview Survey</b>            Regina Bussing, MD, MSHS;            Edgardo Menvielle, MD;            Bonnie Zima, MD, MPH</p>	50	<p><b>Comparison of Rectal, Axillary, and Forehead Temperatures</b>            Frank Shann, MD, FRACP,            Angela Mackenzie, MB,BS, FRACP</p>	74
<hr/> Nutrition <hr/>			
<p><b>Oral Prednisone as a Risk Factor for Infections in Children With Asthma</b>            Cameron C. Grant, MBChB, FRACP;            Anne K. Duggan, ScD;            Mathuram Santosham, MD, MPH;            Catherine DeAngelis, MD, MPH</p>	58	<p><b>Fruit and Vegetable Intakes of Children and Adolescents in the United States</b>            Susan M. Krebs-Smith, PhD;            D. Annetta Cook, MS; Amy F. Subar, PhD;            Linda Cleveland, MS, RD;            James Friday; Lisa L. Kahle</p>	81
<hr/> Educational Interventions <hr/>			
<p><b>Depressive Symptoms, Stress, and Social Support in Pregnant and Postpartum Adolescents</b>            Beth Barnett, MD; Alain Joffe, MD, MPH;            Anne K. Duggan, ScD;            Michele D. Wilson, MD;            John T. Repke, MD</p>	64	<p><b>Professional Liability of Residents in a Children's Hospital</b>            Jacqueline Grupp-Phelan, MD;            Sally Reynolds, MD;            Laura L. Lingl, RN</p>	87

## ARCHIVES

### 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  
**Alan D. Bedrick, MD**  
 Baltimore, Md  
**George W. Brown, MD**  
 Albuquerque, NM  
**Patricia Ferrieri, MD**  
 Minneapolis, Minn  
**Laurence Finberg, MD**  
 San Francisco, Calif  
**Enid Gilbert-Barness, MD**  
 Tampa, Fla  
**Howard Markel, MD**  
 Ann Arbor, Mich  
**Elizabeth R. McAnarney, MD**  
 Rochester, NY  
**Donna G. Nativio, PhD, RN**  
 Pittsburgh, Pa

**Judith S. Palfrey, MD**  
 Boston, Mass

**Robert Penny, MD**  
 Los Angeles, Calif  
**Albert W. Pruitt, MD**  
 Mobile, Ala  
**E. Richard Stiehm, MD**  
 Los Angeles, Calif  
**Thomas G. Storch, MD**  
 New Orleans, La  
**William B. Strong, MD**  
 Augusta, Ga  
**Walter W. Tunnessen, Jr, MD**  
 Philadelphia, Pa  
**Joseph J. Volpe, MD**  
 Boston, Mass  
**Roberta G. Williams, MD**  
 Los Angeles, Calif  
**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

# ARCHIVES

## PEDIATRICS & ADOLESCENT MEDICINE

---

### History of Pediatrics

- Open-Air Schools and the Tuberculous Child in Early 20th-Century America** 91  
*Richard A. Meckel, PhD*

---

### Special Features

- Radiological Case of the Month** 97  
*Steven M. Gold, MD;*  
*Sally R. Shott, MD;*  
*Charles M. Myer III, MD*

- Picture of the Month** 99  
*Fred E. Ghali, MD;*  
*Joel B. Steinberg, MD;*  
*Walter W. Tunnessen, Jr, MD*

- Pathological Case of the Month** 101  
*David W. Green, MD,*  
*William R. Laughlin, MD*

---

### The Pediatric Forum

- Necrotizing Fasciitis in Children: Report of Two Cases and Review of the Literature** 105  
*Leslie L. Barton, MD; David T. Jeck;*  
*Vinay U. Vaidya, MD*

- The Clinical Significance of *Pseudomonas aeruginosa* Isolation From Stool of Neonates** 108  
*Eli Somekh, MD; Vered Abishai, MD;*  
*Michael Hanani, MD; Ruth Gutman, MSc;*  
*Mordechai Mintz, MD*

- Hemolytic Anemia: An Unusual Presentation of Congenital Heart Disease** 109

*Piers E. F. Daubney, MA, MRCP;*  
*Alison E. Milne, MRCP, MRCPATH;*  
*Anthony P. Salmon, BMedSci, FRCP*

- Physical Abuse With Severe Hypothermia** 111

*Edward Gustavson, MD,*  
*Carolyn Levitt, MD*

- Removing a Major Barrier to Universal Hepatitis B Immunization in Infants** 112

*Stephen P. Combs, MD;*  
*Emmanuel B. Walter, MD, MPH;*  
*Robert P. Drucker, MD;*  
*Dennis A. Clements, MD, PhD*

- Cigarette Smoking Cessation Programs for Parents and Children's Caregivers: A Call to Children's Hospitals and Pediatric Facilities** 114

*Robert C. Cohn, MD; Denise Dodson, RRT;*  
*Teri Nikolai-Wilson, RRT, RPFT;*  
*Alisa French, RRT;*  
*Sue Ciarlariello, RRT*

---

### Regular Departments

- Index to Advertisers** 12

- Instructions for Authors** 115

- Physician Recruitment Advertising** 120