

Pediatrics

OFFICIAL PUBLICATION OF THE AMERICAN
ACADEMY OF PEDIATRICS

EDITOR

Jerold F. Lucey, *Burlington, Vt.*

CO-EDITOR

Robert J. Haggerty, *Boston*

ASSISTANT EDITOR

R. James McKay, Jr., *Burlington, Vt.*

EDITORIAL BOARD

- Tom Anders, *Palo Alto, Calif.*
- Lewis A. Barness, *Tampa, Fla.*
- Abraham B. Bergman, *Seattle*
- William D. Donald, *Nashville, Tenn.*
- Ralph D. Feigin, *Houston*
- Robert H. Fiser, *Little Rock, Ark.*
- John M. Freeman, *Baltimore*
- Vincent A. Fulginiti, *Tucson, Ariz.*
- Lowell A. Glasgow, *Salt Lake City*
- Norman Glazer, *Akron, Ohio*
- Richard J. Grand, *Boston*
- Jay Grosfeld, *Indianapolis*
- Neil A. Holtzman, *Baltimore*
- Carolyn C. Huntley, *Winston-Salem, N.C.*
- Julie R. Ingelfinger, *Boston*
- Harold P. Jackson, *Greenville, S.C.*
- William E. Laopus, *Greenville, N.C.*
- Martha L. Lepow, *Farmington, Conn.*
- Russell V. Lucas, Jr., *Minneapolis*
- Henry L. Nadler, *Chicago*
- Gary S. Rachelefsky, *Los Angeles*
- John E. Schowalter, *New Haven, Conn.*
- John C. Sinclair, *Hamilton, Ontario, Canada*
- Nathan Smith, *Seattle*
- Barbara Starfield, *Baltimore*
- William H. Tooley, *San Francisco*

EX OFFICIO

Bruce D. Graham, *President*
Robert G. Frazier, *Executive Director*

PUBLISHER

American Academy of Pediatrics
Lucy Ranes Maloney, *Publication Manager*
Hugh Morgan, *Advertising Manager*
Linda Napora, *Copy Editor*

PEDIATRICS (ISSN 0031-4005) is owned and controlled by the American Academy of Pediatrics. It is published monthly by the American Academy of Pediatrics, P.O. Box 1034, Evanston, IL 60204.

Subscriptions must be entered on a volume basis. Subscriptions may be entered with the January or July issue and expire with the June or December issue. Payment must accompany the order.

Subscription price per year: U.S., Mexico, Canada, Central and South America, \$24.00; other countries, \$30.00. Special rates for medical students, hospital residents and fellows in full time training in U.S., Mexico, Canada, Central and South America, \$16.00 per year. Renewal at special rate beyond two years will require a letter from an appropriate authority stating the individual's eligibility. Current single issue \$3.00.

Second-class postage paid at EVANSTON, ILLINOIS, 60204 and at additional mailing offices.

© American Academy of Pediatrics, 1980. All Rights Reserved. Printed in U.S.A. No part may be duplicated or reproduced without permission of the American Academy of Pediatrics.



ARTICLES

- 867 **Oral Antibiotic Therapy of Skeletal Infections in Children**—E. Kolyvas, G. Ahronheim, M. I. Marks, R. Gledhill, H. Owen, and L. Rosenthal
- 872 **Morphologic Evidence of Accelerated Closure of the Ductus Arteriosus in Preterm Infants**—Donald T. King, George C. Emmanouilides, James C. Andrews, and Frank M. Hirose
- 881 **Effect of Acute Hemorrhage on Transcutaneous, Subcutaneous, Intramuscular, and Arterial Oxygen Tensions**—Frederick A. Matsen III, Craig R. Wyss, Racheal V. King, and Charles W. Simmons
- 884 **Transcutaneous Oxygen Monitoring During Neonatal Transport**—Thomas A. Clarke, Ehud Zmora, Joung-Huei Chen, Gopal Reddy, and T. Allen Merritt
- 887 **Neonatal Transport Nurses: An Analysis of Their Role in the Transport of Newborn Infants**—Theodore R. Thompson
- 893 **Chronic Vitamin A Intoxication in Infants Fed Chicken Liver**—C. Patrick Mahoney, M. Theodore Margolis, Thomas A. Knauss, and Robert F. Labbe
- 897 **Acute Fluoride Poisoning in a New Mexico Elementary School**—Richard Hoffman, Jonathan Mann, James Calderone, Jon Trumbull, and Michael Burkhardt
- 901 **Posthemorrhagic Hydrocephalus in the Preterm Infant**—Edward R. Chaplin, Gary W. Goldstein, David Z. Myerberg, Jane V. Hunt, and William H. Tooley
- 910 **Regional Neonatal Transport: Impact of an Integrated Community/Center System**—James Sumners, Howard B. Harris, Bobbetta Jones, George Cassady, and David D. Wirtschafer

REVIEW ARTICLE

- 917 **Otitis Media in Infants and Children**—Jack L. Paradise

SPECIAL ARTICLE

- 944 **Marital Stress and Medical Training: An Experience with a Support Group for Medical House Staff Wives**—Anne Sturmthal Bergman

ARTICLES continued

- 948 **Effects of Nephrotic Syndrome on the Family: A Controlled Study**—John C. Vance, Louis E. Fazan, Betty Satterwhite, and Ivan B. Pless
- 956 **Vulnerable Children: Parents' Perspectives and the Use of Medical Care**—Janice C. Levy
- 964 **An After-Hours Pediatric Walk-In Clinic for an Entire Urban Community: Utilization and Effectiveness of Follow-up Care**—Michael Weitzman, Margot S. Moomaw, and Katherine P. Messenger



**AMERICAN ACADEMY
OF PEDIATRICS**

1801 Hinman Avenue
Evanston, IL 60204

**SCHEDULE
OF MEETINGS**

ANNUAL MEETINGS

1980

Detroit Plaza Hotel
Detroit
October 25 to 30

1981

New Orleans
Oct 31 to Nov 5

1982

New York Hilton
Americana Hotel
New York City
October 23 to 28

1983

San Francisco
October 22 to 27

Note: All Annual Meetings start on
Saturday

971 **Failure-to-Thrive: A Study in a Primary Care Setting. Epidemiology and Follow-up**—Wendy G. Mitchell, Ralph W. Gorrell, and Robert A. Greenberg

978 **Infant Feeding Practices of Families Belonging to a Prepaid Group Practice Health Care Plan**—Elizabeth M. Andrew, Katherine L. Clancy, and Marcella G. Katz

989 **Prolonged Use of Large Intravenous Steroid Pulses in the Rheumatic Diseases of Children**—John J. Miller III

995 **Coronal Craniostenosis: Fetal Head Constraint as One Possible Cause**—John M. Graham, Jr, Richard J. Badura, and David W. Smith

1000 **Metopic Craniostenosis as a Consequence of Fetal Head Constraint: Two Interesting Experiments of Nature**—John M. Graham, Jr and David W. Smith

1003 **Pulmonary Echinococcosis: A Pediatric Disease of the Southwestern United States**—Robert Katz, Shirley Murphy, and Ann Kosloske

1007 **Ventriculoperitoneal Shunt-Associated Infection Due to *Haemophilus influenzae***—Peter A. Patriarca and Brian A. Lauer

1010 **Selenium and Glutathione Peroxidase Levels in Cystic Fibrosis**—John D. Lloyd-Still and Howard E. Ganther

1013 **Pulmonary Function Abnormalities in Thalassemia Patients on a Hypertransfusion Program**—Thomas G. Keens, Margaret H. O'Neal, Jorge A. Ortega, Carol B. Hyman, and Arnold C. G. Platzker

1018 **Insulin Receptors in Cystic Fibrosis: Increased Receptor Number and Altered Affinity**—Barbara M. Lippe, Solomon A. Kaplan, Naomi D. Neufeld, Angeline Smith, and Marilyn Scott

1023 **The Pancytopenia of Isovaleric Acidemia**—John F. Kelleher, Jr, Marc Yudkoff, Raymond Hutchinson, Charles S. August, and Robert M. Cohn

1028 **Systolic Blood Pressure in a Population of Infants in the First Year of Life: The Brompton Study**—Michael de Swiet, Peter Fayers, and Elliot Anthony Shinebourne

1036 **Early Diagnosis of Neonatal Sepsis**—Alistair G. S. Philip and Jean R. Hewitt

COMMENTARIES

1042 **The 'Vulnerable Child': Intimations of Mortality**—Morris Green

1043 **Experimental Power: The Other Side of the Coin**—Donald M. Berwick

1045 **Who Gives Nutritional Advice? Who Follows It?**—Lewis A. Barness

**AMERICAN ACADEMY
OF PEDIATRICS**

1801 Hinman Avenue
Evanston, Illinois 60204

**SCHEDULE
OF MEETINGS**

SPRING SESSIONS

1981
Washington, DC
April 4 to 9

1982
Honolulu
March 20 to 25

Note: All Spring Sessions start on
Saturday

AMERICAN ACADEMY OF PEDIATRICS

1047 Prophylaxis and Treatment of Neonatal Gonococcal Infections—Committee on Drugs, Committee on Fetus and Newborn, and Committee on Infectious Diseases

1049 AMERICAN BOARD OF PEDIATRICS

LETTERS TO THE EDITOR

1051 Nasal CPAP and Work of Breathing Study Questioned—John Kattwinkel; Reply by Steven L. Goldman, June P. Brady, and Fe M. Dumpit

1052 Pericardial Effusions in Bacterial Meningitis Are Not Common—John L. Bass and Edward L. Kaplan; Reply by John D. Nelson and W. Pennock Laird

1053 Circumcision Disasters—Jeffrey R. Woodside; Abram Kanof; Reply by Thomas G. Cleary and Steve Kohl

1054 Early History of Heart Surgery—Thom Mayer

1054 Home Monitoring of Infant at Risk for Apnea—Lawrence R. Berger; Reply by Dorothy Kelly and Daniel C. Shannon

1055 Styrofoam Aspiration—Edward M. Sessa

1055 Age and Blood Pressure—L. Jerome Krovetz

1056 Other Effects of Bilirubin—Y. H. Thong

1057 'Knocked Out'—An Early Sign of Intussusception—Don L. Thurston, Jean Holowach Thurston, and Ernest E. McCoy

1057 Evaluation of Perinatal Care Education Programs—Herman A. Hein and Norma N. Ferguson

1057 Intracranial Bleeding—Follow-up Needed—Gary M. Miller; Reply by K. S. Krishnamoorthy and D. C. Shannon

1006 ERRATA

A56 BOOKS RECEIVED

A5 PREPARATION OF MANUSCRIPTS

A48 GENERAL INFORMATION

A80 CLASSIFIED ADS

A88 INDEX TO ADVERTISERS