

Copyright © 1986 by the American Medical Association

THE PEDIATRIC FORUM

- 848 Primary Care Is an End in Itself** George D. Comerchi, MD, Tucson, Ray E. Helfer, MD, East Lansing, Mich . . . **AAP Activities in Border and Indian Health** Antoinette Eaton, MD; Doris Howell, MD; David Kaplan, MD, Elk Grove Village, Ill; Sergio A. Bustamante, MD, Tucson . . . **Approaches to Child Abuse on Indian Reservations** James F. Calvert, MD, Rockville, Md . . . **Infants With Meningitis Without Cerebrospinal Fluid Pleocytosis** Mark Michael, MD, Cincinnati; Douglas J. Barrett, MD, Paulette Mehta, MD, Gainesville, Fla . . . **Putting Rapid Group A Strep Throat Screening Tests into Perspective** Albert F. DiNicola, MD, Menlo Park, Calif . . . **Classification of Protein-Energy Malnutrition in Industrialized Countries** Margaret P. Boland, MD, FRCP(C), John Patrick, MD (Lond), MB, BS, MRCP, Ottawa, Ontario; Robert Listerick, MD, Katherine K. Christoffel, MD, MPH, Chicago . . . **Neonatal Tetany and High-Phosphate Infant Formulas** Lytt I. Gardner, MD, Syracuse, NY . . . **Late-Onset Tetany With Hypocalcemia and Hyperphosphatemia** M. Cassandra Matustik, MD, Sioux Falls, SD . . . **Influence of a Swimming Program on the Lung Function Status of Children With Cystic Fibrosis** Maximilian S. Zach, MD, Beatrice Oberwaldner, PT, Graz, Austria . . . **Diagnostic Sensitivity and Specificity of Prick vs Intradermal Skin Tests** Giorgio Longo, MD; Roberto Strinati, MD; Francesco Tedesco, MD, Trieste, Italy; Dennis R. Ownby, MD, Judith A. Bailey, Detroit . . . **Radiologic Findings in Radial Head Subluxation** Cloyd B. Gatrell, MD, Tacoma, Wash . . . **Corticotropic Deficiency in Russell-Silver Syndrome** Alan H. Morris, MD, Edward O. Reiter, MD, Springfield, Mass; Suzanne B. Cassidy, MD, Dennis E. Carey, MD, Farmington, Conn . . . **Failure of High Calcium and Phosphorus Supplementation in the Prevention of Rickets of Prematurity** Winston W. K. Koo, MBBS, FRACP; Alan E. Oestreich, MD; Roberta Sherman, MS; Donna Buckley; Reginald C. Tsang, MBBS; Jean J. Steichen, MD, Cincinnati . . . **Vancomycin Pharmacokinetics in Neonates** J. Michael Spivey, Peter Gal, PharmD, Greensboro, NC; Shehla H. Naqvi, MBBS; William Keenen, MD; Richard Reichley, St Louis

EDITORIAL

- 865 Review of 'The Dilemma of the Multicystic Dysplastic Kidney'**
Thomas H. Staniscic, MD, Tucson

THE EDITORIAL BOARD SPEAKS . . .

- 866 Pediatrics to Geriatrics?**
Elizabeth R. McAnarney, MD, Rochester, NY

ARTICLES

- 867 Diphtheria, Tetanus, and Pertussis Vaccine**
Kathryn M. Edwards, MD; Eileen Lawrence, FNC; Peter F. Wright, MD, Nashville, Tenn
- 872 A Double-blind Study Comparing an Acellular Pertussis-Component DTP Vaccine With a Whole-Cell Pertussis-Component DTP Vaccine in 18-Month-Old Children**
Karen Lewis, MD, James D. Cherry, MD, Los Angeles;
H. James Holroyd, MD; Leonard R. Baker, MD;
Frank E. Dudenhoeffer, MD; Ricki G. Robinson, MD, LaCanada, Calif
- 877 Juvenile Autoimmune Thyroiditis**
Charles A. Sklar, MD; Rekha Qazi, MD; Raphael David, MD, New York
- 881 How Useful Is the Barium Enema in the Diagnosis of Infantile Hirschsprung's Disease?**
Thomas L. Taxman, MD; Barry S. Yulish, MD; Fred C. Rothstein, MD, Cleveland
- 885 Intensive Care for High-Risk Infants in Calcutta**
Chitra Subramanian, MBBS, DCH, Minneapolis;
Cherie Clark-Prakash, RN, Zarine K. Dadina, MBBS, DCH, Calcutta;
Bruce Ferrara, MD, Dana E. Johnson, MD, PhD, Minneapolis
- 889 Exaggerated Jaundice in Navajo Neonates**
John D. Johnson, MD; Pamela Angelus, RN;
Marilyn Aldrich, RN; Betty J. Skipper, PhD, Albuquerque
- 891 Buccal Cellulitis Reevaluated**
Stephen A. Chartrand, MD, Christopher J. Harrison, MD, Oklahoma City
- 894 1% Permethrin Cream Rinse vs 1% Lindane Shampoo in Treating Pediculosis Capitis**
Kathie Brandenburg, RN, MS, Nashua, NH; Amos S. Deinard, MD, MPH, Minneapolis;
Joan DiNapoli, RN, PhD, Durham, NC; Steven J. Englander, MD, MPH, Phoenix;
Joseph Orthofer, DVM, MPH, Rockford, Ill; Doris Wagner, RN, MS, Indianapolis

SPECIAL FEATURE

- 903 Radiological Case of the Month**
Rachel R. Phillips, MD, ChB,
Rosemary J. Arthur, MRCP, FRCP (Contributors), Leeds, England;
Lionel W. Young, MD (Section Editor), Pittsburgh

Monthly Circulation >49,000
Also published in French

EDITORIAL BOARD

Editor

Vincent A. Fulginiti, MD
American Journal of
Diseases of Children
PO Box 43700
Tucson, AZ 85733
(602) 626-4304

Associate Editors

James J. Corrigan, Jr, MD
Tucson

Hugh D. Allen, MD
Tucson

Book Review Editor

Peggy C. Ferry, MD
Tucson

Editorial Assistant

Jo Anne Jenkins
Tucson

Milton I. Arnold, MD, Los Angeles
Richard W. Blumberg, MD, Atlanta
Ben H. Brouhard, MD, Galveston, Tex
George W. Brown, MD, Los Lunas, NM
James D. Cherry, MD, Los Angeles
Beverly B. Dahms, MD, Cleveland
Murray Feingold, MD, Boston
Laurence Finberg, MD, Brooklyn, NY
Boyd W. Goetzman, MD, Davis, Calif
John D. Johnson, MD, Albuquerque
Richard B. Johnston, Jr, MD, Denver
James P. Keating, MD, St Louis
Elizabeth R. McAnarney, MD, Rochester, NY
Dan G. McNamara, MD, Houston
Denis R. Miller, MD, Chicago
Beverly C. Morgan, MD, Orange, Calif
Henry L. Nadler, MD, Detroit
Albert W. Pruitt, MD, Augusta, Ga
Kenneth B. Roberts, MD, Baltimore
Barton D. Schmitt, MD, Denver
William B. Strong, MD, Augusta, Ga
Lionel W. Young, MD, Pittsburgh

EDITORIAL POLICY

The JOURNAL is meant to provide physicians in all specialties who practice pediatric medicine a complete and accurate synthesis of all current research developments and clinical topics pertinent to their practice, as well as an open forum for dialogue on scientific, educational, ethical, and humanistic issues of concern to any intellectual committed to the practice of pediatrics.

PUBLICATION STAFF

Offices: 535 N Dearborn St
Chicago, IL 60610

Gabriela Radulescu, Managing Editor and Director, Specialty Journal Department

Michael D. Springer, Associate Editor

Mariene M. Hinsch, Production Manager

John R. Sayban, Assistant Production Manager

Cheryl Iverson, Editorial Processing Manager

Paula Giltman, Assistant Editorial Processing Manager

Dennis J. Shipley, Permissions and Graphic Design

Copy Editing: Patricia A. Predey (Supervisor), Vickey Golden (Free-lance Coordinator), Stephen Borysewicz, Richard Diaz, Paul Frank, Kathy Loudon

Production Supervisors: Betty Frigerio (Advertising), Thomas J. Handrigan (Illustrations), Elizabeth Petrikenas (Proofreading), Mary C. Steermann (Editorial), JoAnne Weiskopf (Layout)

Proofreading: Lisette Sabbach, Barbara Wojtowicz

Art and Senior Production Assistants: Karen Branham, Diane Darnell, Donna Hagler, Jerri Hall-Gortowski, Jill Harvey, Debra Lucas, Terese Noto, Mary C. Planek-Vanco, Susan Price, Helen Sorrell, Sandra Williams, Ellen Yoshihara

Production Assistants: Darlene E. Filips, Anita Jackson

Editorial Assistant: Jean Schaffner

Indexing: Norman Frankel (Supervisor), Hermese Bryant, Mary Kay Tinerella

Please address communications concerning accepted or published communications to AMA Specialty Journals, 535 N Dearborn St, Chicago, IL 60610.

James H. Sammons, MD, Executive Vice-President

James S. Todd, MD, Senior Deputy Executive Vice-President

Whalen M. Strobhar, Deputy Executive Vice-President

M. Roy Schwarz, MD, Assistant Executive Vice-President

George D. Lundberg, MD, Vice-President, Scientific Information

John T. Baker, Vice-President, Publishing and Marketing

Norman D. Richey, Director, Publication Production and Printing Division

Lee A. Parent, Director, Circulation-Fulfillment Division

Joseph Dennehy, General Sales Manager; Director, Advertising Sales and Promotion Services Division

Thomas J. Carroll, Director, Department of Promotion

Raymond Christian, Director, Advertising Services Department

ARTICLES

905 Slow, Natural Reduction in Blood Lead Level After Chelation Therapy for Lead Poisoning in Childhood

Donald I. Moel, MD, Henrietta K. Sachs, MD, Chicago; Mary Ann Drayton, PhD, DeKalb, Ill

909 Survey on the Management of Febrile Seizures

Deborah G. Hirtz, MD; Young Jack Lee, PhD; Jonas H. Ellenberg, PhD; Karin B. Nelson, MD, Bethesda, Md

915 Knuckle Pads in Children

Amy S. Paller, MD, Chicago, Adelaide A. Hebert, MD, Houston

918 The CHARGE Association

Edward Goldson, MD; Ann C. Smith, MA; Janet M. Stewart, MD, Denver

SPORTS MEDICINE

922 Anaerobic Threshold as a Predictor of Athletic Performance in Prepubertal Female Runners

Robert R. Wolfe, MD; Reginald Washington, MD; Elaine Daberkow, RN, MSN; James R. Murphy, PhD; Homer L. Brammel, MD, Denver

ARTICLES

925 The Dilemma of the Multicystic Dysplastic Kidney

Gary E. Hartman, MD; Lynn M. Smolik, MD; Stephen J. Shochat, MD, Stanford, Calif

929 Nutritional Support of Very-Low-Birth-Weight Infants Requiring Prolonged Assisted Ventilation

Laurie Moyer-Mileur, MD, RD, Gary M. Chan, MD, Salt Lake City

933 Nutrient Intake by Breast-fed Infants During the First Five Days After Birth

Clare E. Casey, PhD; Marianne R. Neifert, MD; Joy M. Seacat, MS; Margaret C. Neville, PhD, Denver

937 Necrotizing Enterocolitis in Infants of Multiple Gestation

Michael Samm, MD; Marjorie Curtis-Cohen, MD; Marc Keller, MD; Harbhajan Chawla, MD, Philadelphia

940 Head Insulation for Premature Infants in Servocontrolled Incubators and Radiant Warmers

Mark C. Templeman, Edward F. Bell, MD, Iowa City

943 Bacterial Meningitis in Arizona American Indian Children

Gerald C. Yost, MD; Allen M. Kaplan, MD; Rudolph Bustamante, MD; Carl Ellison, MD; Albion F. Hargrave III, MD; Donald L. Randall, MD, Phoenix

REVIEW

947 Clinical Utility of Magnetic Resonance Imaging in Pediatrics

Mervyn D. Cohen, MB, ChB, Indianapolis

BOOK REVIEWS

Human Experimentation: A Guided Step Into the Unknown (Silverman) Reviewed by George W. Brown, MD, Los Lunas, NM (p 880) ... **Cystic Fibrosis** (Tauszig, ed) Reviewed by Howard Eigen, MD, Indianapolis (p 914)

844 INSTRUCTIONS FOR AUTHORS

845 INDEX TO ADVERTISERS

CORRECTIONS

884 The False Cortical Thumb

R. R. Skoglund, MD, E. E. Gilles, MD, San Diego

884 THE PEDIATRIC FORUM: Nutrient Intakes From Cow's Milk and Infant Formula

Gunnar B. Stickler, MD, Rochester, Minn; Alan S. Ryan, PhD; Gilbert A. Martinez; Donald J. Malec, PhD, Columbus, Ohio

Advertising and Subscription Information

ADVERTISING OFFICES: Eastern: 600 Third Ave, Suite 700, New York, NY 10016 (Manager: Robert C. Corcoran [212-867-6640]; Representative: Phillip B. Altamore); Midwest/Farwest: 535 N Dearborn St, Chicago, IL 60610 (Manager: Thomas J. Carroll [312-280-7182]; Representatives: John P. Cahill, Midwest; Daniel T. Mjolsness, Farwest)

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.

SUBSCRIPTION RATES—The subscription rates for the American Journal of Diseases of Children are as follows: for members of the AMA, \$1.50 included in the annual membership dues; for nonmembers, \$38 for one year, \$68 for two years in the United States and US possessions; all other countries, one year, \$48; two years, \$88 (add \$10 surcharge to each one-year subscription, \$20 for two years for air delivery to the United Kingdom and Europe only). **Special yearly rates to residents and medical students** in the United States and US possessions, one year, \$19; two years, \$34. Rates for subscriptions for delivery to Australia, Bangladesh, India, Japan, Nepal, New Zealand, South Korea, and Sri Lanka are available through respective exclusive agents. Address all subscription communications to the American Medical Association, Circulation and Fulfillment Division, 535 N Dearborn St, Chicago, IL 60610. Phone: (312) 280-7154.

CHANGE OF ADDRESS—POSTMASTER, send all address changes to Caryl L. Wertheimer, Director of Fulfillment, 535 N Dearborn St, Chicago, IL 60610. Notification of address change must be made at least six weeks in advance, include both old and new addresses, a recent mailing label, and your new zip code.

AJDC, American Journal of Diseases of Children (ISSN 0002-922X) is published monthly by the American Medical Association, 535 N Dearborn St, Chicago, IL 60610, and is an official publication of the Association. Second-class postage paid at Chicago and at additional mailing office.