

PEDIATRICS

Official Publication of
The American Academy of Pediatrics

MAY 1994
VOL. 93
NO. 5

EDITOR

Jerold F. Lucey, Burlington, VT

ASSOCIATE EDITOR

Birt Harvey, Stanford, CA

CONSULTING EDITORS

Russell W. Chesney, Memphis, TN
Ralph Feigin, Houston, TX

MANAGING EDITOR

Jo A. Largent, Elk Grove Village, IL

CIRCULATION MANAGER

Martha H. Saltzman, Elk Grove Village, IL

COPY EDITOR

Nancy Wachter

EDITORIAL BOARD

Peter Berman, Philadelphia, PA
William Carey, Swarthmore, PA
Ira Chasnoff, Chicago, IL
Susan Coupey, Bronx, NY
William Crist, Memphis, TN
Robert Desnick, New York, NY
Paul Dworkin, Farmington, CT
Howard Filston, Knoxville, TN
Lewis First, Boston, MA
Joseph Fitzgerald, Indianapolis, IN
Clifton Furukawa, Seattle, WA
Jeffrey Gould, Berkeley, CA
William Harmon, Boston, MA
Daniel J. Isaacman, Pittsburgh, PA
Kenneth L. Jones, San Diego, CA
Ronald Kleinman, Boston, MA
Michael Kramer, Montreal, Quebec
Richard D. Krugman, Denver, CO
Marie McCormick, Boston, MA
Kathleen G. Nelson, Birmingham, AL
Lucy Osborn, Salt Lake City, UT
Jeffrey Pomerance, Los Angeles, CA
Charles Prober, Stanford, CA
Jimmy Simon, Winston-Salem, NC
Richard J. Whitley, Birmingham, AL
Mark Widome, Hershey, PA

CONSULTANTS

Daniel W. Shea, DePere, WI
Howard Pearson, New Haven, CT

EX OFFICIO

Betty A. Lowe, President
Joe M. Sanders, Jr., Executive Director

PUBLISHER

American Academy of Pediatrics
Errol R. Alden, Director,
Department of Education
Jean Dow, Director, Division of Medical Journals

PEDIATRICS (ISSN 0031 4005) is owned and controlled by the American Academy of Pediatrics. It is published monthly by the American Academy of Pediatrics, PO Box 927, Elk Grove Village, IL 60009-0927.

© American Academy of Pediatrics, 1994. All Rights Reserved. Printed in USA. Authorization to photocopy items for internal or personal use, or for the internal or personal use of specific clients, is granted by PEDIATRICS, provided that the base fee of \$1.50 per article, per copy is paid directly to the Copyright Clearance Center Inc. (CCC), 222 Rosewood Drive, Danvers, MA 01923, (508) 750-8400.

The publication of an advertisement neither constitutes nor implies a guarantee or endorsement by PEDIATRICS or the American Academy of Pediatrics of the product or service advertised or of the claims made for the product or service by the advertiser.

ARTICLES

- 697 Parents' Versus Physicians' Values for Clinical Outcomes in Young Febrile Children *Michael S. Kramer, Jamshid Etezadi-Amoli, Antonio Ciampi, Susan M. Tange, Keith N. Drummond, Elaine L. Mills, Mark L. Bernstein, and Denis G. Leduc*
- 703 Early Prediction of the Development of Microcephaly After Hypoxic-Ischemic Encephalopathy in the Full-Term Newborn *Isabel Cordes, Elke H. Roland, Brian A. Lupton, and Alan Hill*
- 708 Barriers To Use of Oral Rehydration Therapy *Evelyn Cohen Reis, Julius G. Goepf, Scott Katz, and Mathuram Santosham*
- 712 Association of Pulmonary Inflammation and Increased Microvascular Permeability During the Development of Bronchopulmonary Dysplasia: A Sequential Analysis of Inflammatory Mediators in Respiratory Fluids of High-Risk Preterm Neonates *Peter Groneck, Bettina Götze-Speer, Martin Oppermann, Helmut Eiffert, and Christian P. Speer*
- 719 Treatment of Acute Childhood Diarrhea With Homeopathic Medicine: A Randomized Clinical Trial in Nicaragua *Jennifer Jacobs, L. Margarita Jiménez, Stephen S. Gloyd, James L. Gale, and Dean Crothers*
- 726 Extracorporeal Membrane Oxygenation for Refractory Septic Shock in Children *J. Beca and W. Butt*
- 730 Prenatal Dexamethasone Treatment in Conjunction with Rescue Therapy of Human Surfactant: A Randomized Placebo-Controlled Multicenter Study *M. Anneli Kari, Marianne Eronen, Kari Teramo, Martti Virtanen, Maila Koivisto, R. S. Ikonen, and Mikko Hallman*
- 737 Noninvasive Monitoring of Oxygenation in Infants and Children: Practical Considerations and Areas of Concern *Christian F. Poets and David P. Southall*
- 747 Universal Hepatitis B Immunization of Infants: Reactions of Pediatricians and Family Physicians Over Time *Gary L. Freed, W. Clayton Bordley, Sarah J. Clark, and Thomas R. Konrad*
- 752 A Short-Term Study of Nitrofurantoin Prophylaxis in Children Managed With Clean Intermittent Catheterization *Hjalmar W. Johnson, John D. Anderson, G. Keith Chambers, William J. D. Arnold, Beverly J. Irwin, and Jocelyne R. Brinton*
- 756 Effect of Dietary Fat on Cardiovascular Risk Factors in Infancy *George J. Fuchs, Rosanne P. Farris, Marianne DeWier, Sharon Hutchinson, Russell Strada, and Robert M. Suskind*
- 764 Oxidation of Proteins in Neonatal Lungs *Igor M. Gladstone, Jr and Rodney L. Levine*
- 769 Doppler-derived Systolic Pulmonary Artery Pressure in Acute Neonatal Respiratory Distress Syndrome *Marko P. Seppänen, Pekka O. Kääpä, Pentti O. Kero, and Markku Saraste*
- 774 Are Infants With Bronchopulmonary Dysplasia at Risk for Sudden Infant Death Syndrome? *Peter H. Gray and Yvonne Rogers*
- 778 Prenatal Exposure to Cigarettes in Infants With Obstructive Sleep Apneas *A. Kahn, J. Groswasser, M. Sottiaux, I. Kelmanson, E. Rebuffat, P. Franco, M. Dramaix, and J. L. Wayenberg*
- 784 Postoperative Respiratory Compromise in Children With Obstructive Sleep Apnea Syndrome: Can It Be Anticipated? *Gerald M. Rosen, Robert P. Muckle, Mark W. Mahowald, George S. Goding, and Connie Ullevig*