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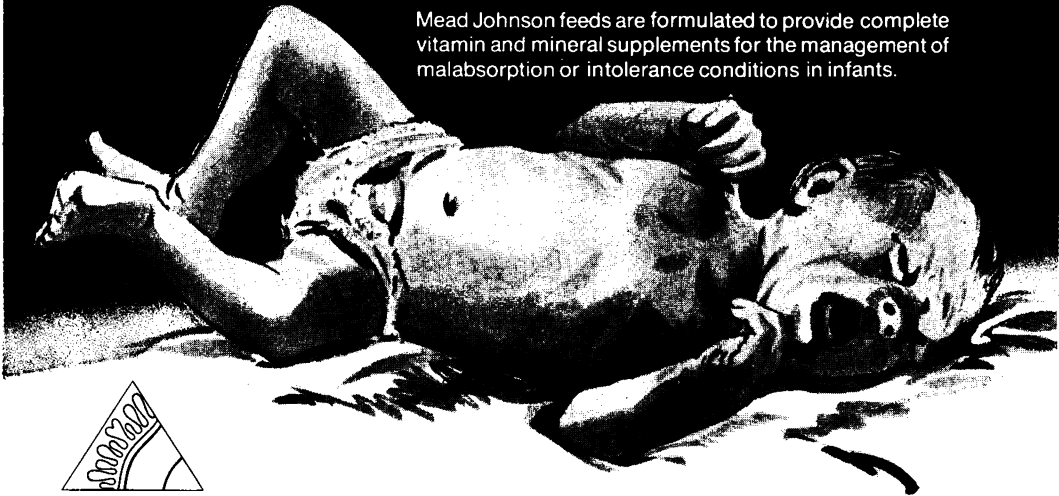
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In the Steroid Therapy Becotide Inhaler is preferred

**JANET - Aged 10 years 11 months:
Height 126 cm**

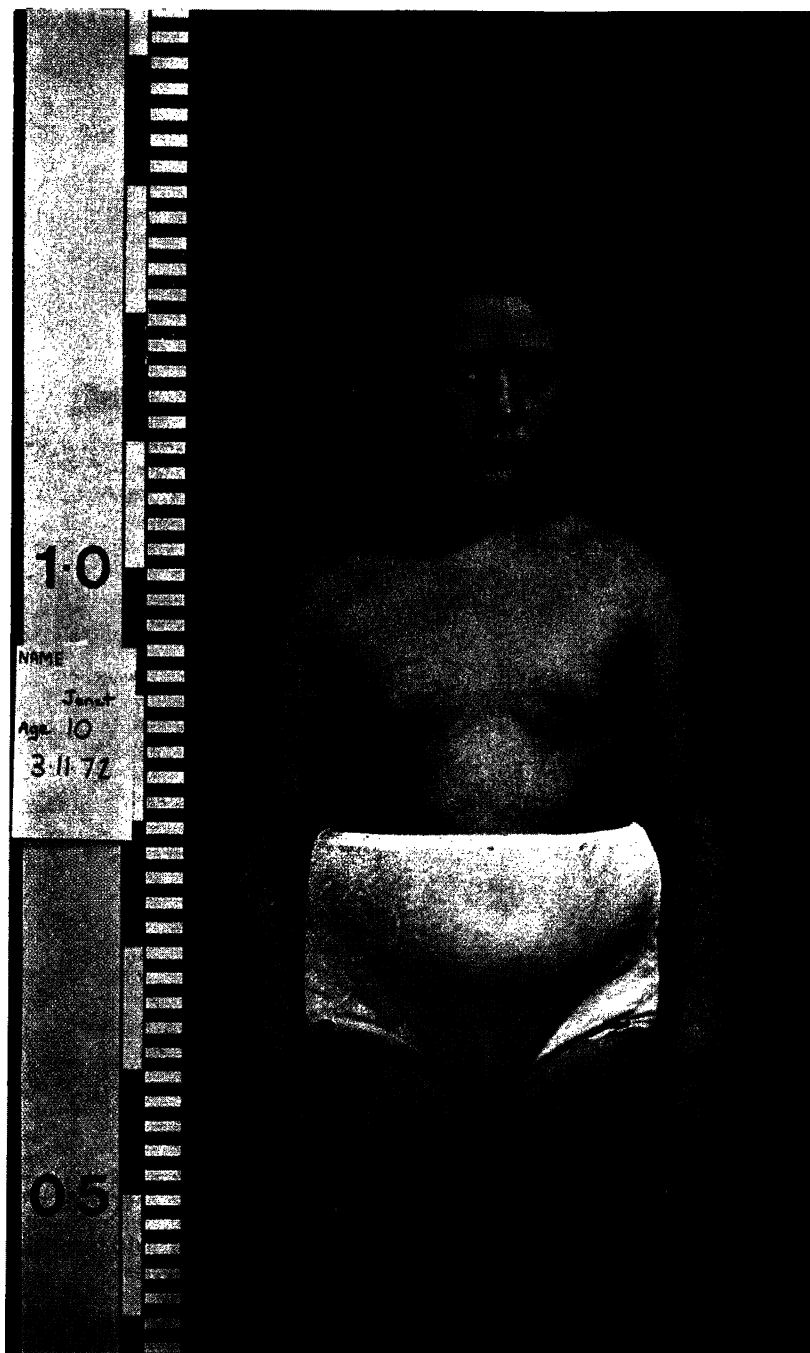
Janet began to wheeze at the age of one year and started prednisone therapy at two years. When this picture was taken she had been steroid dependent for 5 years and showed typical stunted growth, moon face and obesity. At this time she was taking oral prednisone 3mg daily, a bronchodilator and sodium cromoglycate. Skin and direct nasal challenge tests for dust mite, pollen and summer mould spores were positive.

**JANET - Aged 12 years 1 month:
Height 134 cm**

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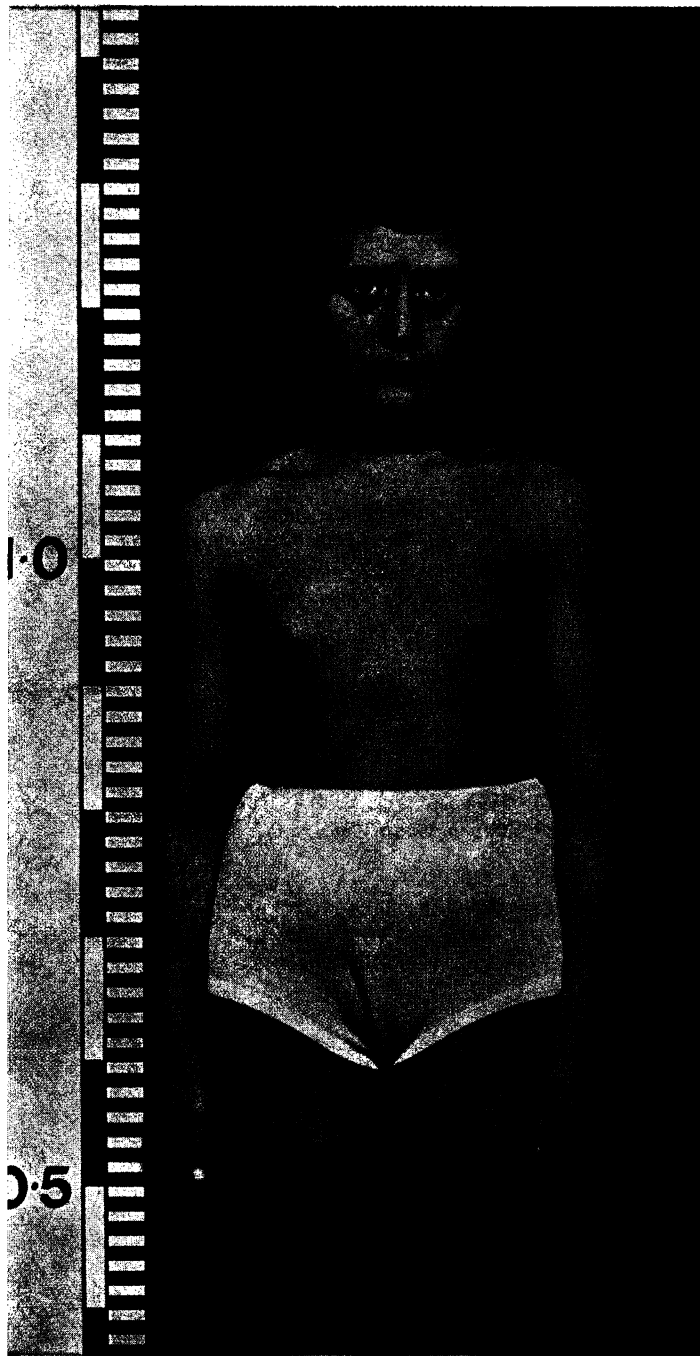
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(Arch. Dis. Childh., 1973, 48, 665)

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(Brit. med. J., 1973, 3, 161)

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(Arch. Dis. Childh., 1974, 49, 591)

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(Hospital Update, March, 1975, p. 179)

"Inhaled beclomethasone dipropionate in the doses used does not have adverse effects on adrenal function and, therefore, should be the first choice when childhood asthma requires long-term treatment with corticosteroids."
(Postgrad. med. J., 1975, 51 (Suppl. 4), 104)

Steroid Control without Steroid side effects

European Journal of
Pediatrics
Zeitschrift für Kinderheilkunde

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MEDICAL PROBLEMS IN THE CLASSROOM: An Educator's Guide edited by Raymond M. Peterson, *Univ. of California*, and James O. Cleveland, *San Diego State Univ., both of San Diego, California*. Foreword by Harry V. Wall. (16 Contributors) A variety of medical syndromes are covered in this text with emphasis on their effect on the behavior and learning of exceptional children. The material in the book will assist in the management of the medical and educational needs of handicapped children through promoting communication between related disciplines. '76, 328 pp., 82 il., 16 tables, \$18.75

PHYSICIAN'S HANDBOOK OF NUTRITIONAL SCIENCE by Roger J. Williams, *Univ. of Texas, Austin*. Foreword by I. Newton Kugelmass. A straightforward, sound, conservative and readable account of the crucial facts of nutrition are provided in this book. In the few instances where the author speculates or voices his opinion, the difference between fact and opinion is clearly defined. The twelve basic principles of nutritional science outlined by the author were reviewed by several prominent nutritional experts. Some of the topics considered are basic principles underlying nutritional science, internal nutrition, prenatal nutrition, biochemical individuality, and problems with environment and its effect on nutrition. '75, 128 pp., \$9.75

DETECTION OF HEARING LOSS AND EAR DISEASE IN CHILDREN edited by Kenneth S. Gerwin, *Morristown, New Jersey*, and Aram Glorig, *The Callier Center for Communication Disorders, Dallas, Texas*. (6 Contributors) Prepared for the otolaryngologist, pediatrician, audiologist and school nurse interested in detecting hearing loss and ear disease in children, this book reviews the problems of ear disease in children with a discussion of the incidence, causes and methods of detection. '74, 208 pp., 4 il., 91 tables, \$12.50

FLUIDS FOR ANESTHESIA AND SURGERY IN THE NEWBORN AND THE INFANT by E. J. Bennett, *Univ. of Illinois at the Medical Center, Chicago*. Foreword by J. P. Payne. (3 Contributors) Recommendations are given for fluids and electrolytes for neonates and infants in the rapidly changing situation of the operating room. Among the topics examined are basic renal function as applied to the neonate, considerations in recommended amounts of fluids and electrolytes, aspects related to variations in basic fluids, and pathophysiology of specific diseases in this age group as related to fluid and electrolyte requirements. '75, 248 pp., 5 il., 31 tables, \$18.50

REFRACTORY ANEMIA by Lawrence Kass and Bertram Schnitzer, *both of the Univ. of Michigan, Ann Arbor*. A challenging group of acquired refractory anemias that defy attempts at therapy are covered including acute and chronic erythremic myelosis, erythroleukemia and refractory sideroblastic anemia. The book discusses diagnostic, clinical and hematologic features of each disorder; enumerates and illustrates morphologic, ultrastructural, and cytological characteristics of each type of anemia; discusses pathophysiological aspects of various anemias; details possible associations between acute erythremic myelosis and reticulum cell sarcoma; and defines "preleukemia." '75, 160 pp. (6 3/4 x 9 3/4), 138 il. (12 in color), \$24.50

ABNORMAL ELECTROENCEPHALOGRAMS IN THE NEONATAL PERIOD by Rudolf C. H. Engel, *Univ. of Oregon, Eugene*. Foreword by Richard W. Olmsted. Electroencephalography as discussed in the contents of this book is an important monitoring device to aid in decision making in the intensive care unit during the battle for life in the neonatal period—a most crucial age. Relevant examples in this text illustrate the prognostic significance of different abnormalities. '75, 144 pp. (6 3/4 x 9 3/4), 88 il., 8 tables, \$18.00

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PEDIATRIC RESEARCH

Volume 10, No. 2

February 1976

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Spontaneous Rupture of the Stomach in the Newborn: Clinical and Experimental Evaluation

A. E. JAMES, JR., R. M. HELLER, JR., J. J. WHITE, J. A. SCHAEFER, I. J. SHAKER, J. A. HALLER, JR., AND J. P. DORST (Baltimore, Maryland)

These investigators attempt to study the pathogenesis of spontaneous rupture of the stomach in the newborn by quantitative examination of the air in the stomach and to test the theory that fluid within the stomach can produce an "air trap" valve that prevents escape of swallowed air from the stomach into the small bowel or esophagus.

Review: Relation between Invasiveness and the K₁ Capsular Polysaccharide of *Escherichia coli*

M. S. SCHIFFER, E. OLIVEIRA, M. P. GLODE, G. H. McCRACKEN, JR., L. M. SARFF, AND J. B. ROBBINS (Bethesda, Maryland and Dallas, Texas)

This review summarizes current data concerned with the role of the K₁ capsular polysaccharide antigen of *E. coli* in virulence and in the pathogenesis of neonatal infections caused by this organism.

Studies on Cystic Fibrosis Using Isoelectric Focusing. II. Demonstration of Deficient Proteolytic Cleavage of α_2 -Macroglobulin in Cystic Fibrosis Plasma

G. B. WILSON AND H. H. FUDENBERG (San Francisco, California and Charleston, South Carolina)

These authors describe a deficiency in proteolysis of α_2 -macroglobulin in plasma from cystic fibrosis patients and in heterozygote carriers.

Serum Immunoglobulin E Concentrations and Radioallergosorbent Tests in Children with Atopic Dermatitis

J. A. CHURCH, D. G. KLEBAN, AND J. A. BELLANTI (Washington, D.C.)

The present study was undertaken to evaluate serum IgE levels in a selected group of pediatric patients seen in an allergy clinic to determine the presence or absence of allergen-specific IgE and to examine the relation of atopic dermatitis to inhalent and food allergies.

Substrate-induced Acceleration of Lactase Synthesis in Fetal Rat Intestine

I. L. LIFRAK, R. LEV, AND A. V. LOUD (Valhalla, New York)

In this study the intestinal lactase synthesis in the fetal rat was accelerated by exposing the fetus to lactose injected directly into the amniotic sac 4-5 days before birth

Brain Glucose Utilization in Undernourished Rats

H. P. CHASE, D. O. RODGERSON, W. LINDSLEY, JR., T. THORNE, AND G. CHEUNG (Denver Colorado)

The present paper reports studies of the utilization of [U - ^{14}C]glucose in the formation of lipids and amino acids in rat brain and liver: of brain glucose, glycogen, ATP and phosphocreatine levels; and of the activities of four enzymes important in glucose metabolism.

Elevated Levels of Immunoglobulin E in the Acute Febrile Mucocutaneous Lymph Node Syndrome

S. KUSAKAWA AND D. C. HEINER (Torrance, California)

These researchers document elevations in serum IgE levels which accompany the mucocutaneous lymph node syndrome and discuss the possible implications of this in the pathogenesis of the disease.

Various Bilirubin Conjugates in Pregnant and Nonpregnant Rats with and without Phenobarbital Treatment

S. L. VAISMAN, K. S. LEE, AND L. M. GARTNER (Bronx, New York)

These investigators explore the relative participation of bilirubin conjugating systems other than UDP-glucuronic acid-dependent bilirubin glucuronyl-transferase in 21-day pregnant and nonpregnant rats with and without prior phenobarbital administration.



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124. Band · Heft 1 · Januar 1976

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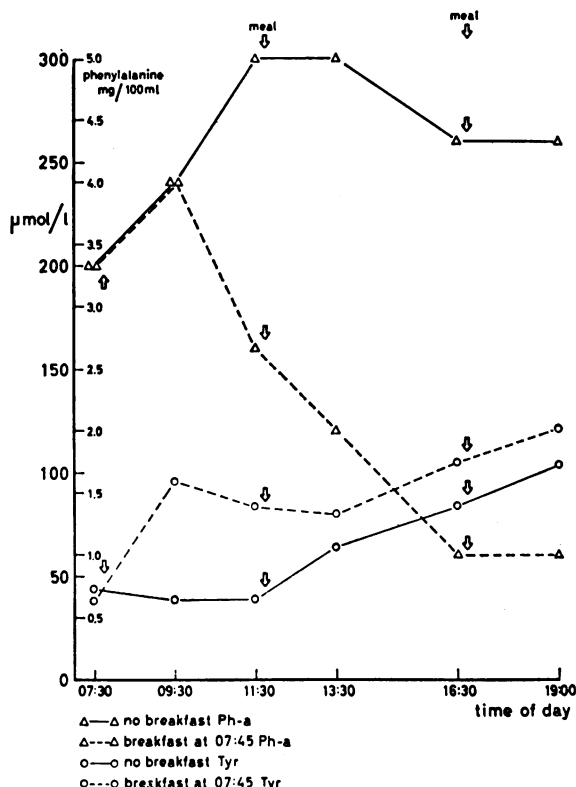
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