

# When infants fail to thrive

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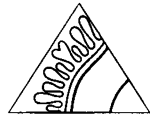
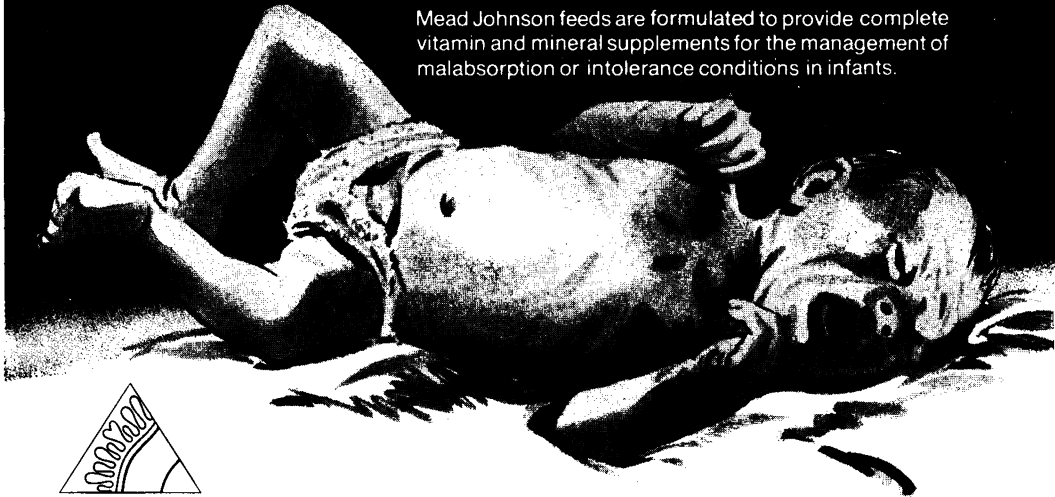
milk substitute for infants sensitive to milk protein.  
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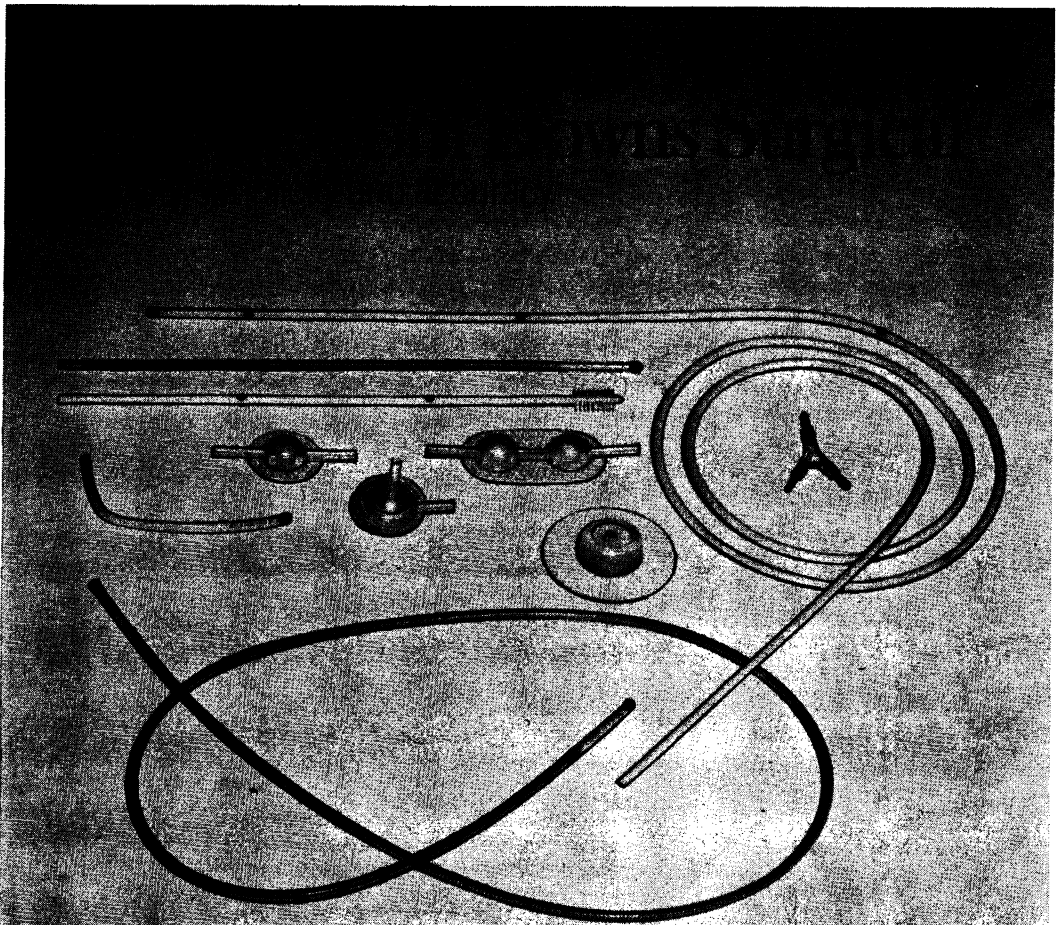
A comprehensive feeding programme for infants who fail to thrive

Further information is available from:

Mead Johnson Laboratories, Division of Bristol-Myers Co Limited, Stamford House, Langley, Slough SL3 6EB

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# PEDIATRIC RESEARCH

Volume 10, No. 5

August 1976

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### Genetics and Etiology of Childhood Cancer

A. G. KNUDSON, JR. (Houston, Texas)      The heritable forms of childhood malignancies are reviewed and a mutation model of childhood cancers is presented.

### The Role of Cellular Immunity in Neoplasia

P. R. GLADE, N. M. ZALDIVAR, L. MAYER, AND L. T. CAHILL (Miami, Florida and New York, New York)      The surveillance function of the immune system is reviewed in this article with emphasis on the role of cell-mediated immunity.

### Electrolyte Abnormalities in Very Low Birthweight Infants

C. M. DAY, I. C. RADDE, J. W. BALFE, AND G. W. CHANCE (Toronto, Ontario, Canada)      Electrolyte changes in healthy very low birthweight infants are reported together with possible contributory factors.

### Late Hyponatremia in Very Low Birthweight Infants (<1.3 Kilograms)

R. N. ROY, G. W. CHANCE, I. C. RADDE, D. E. HILL, D. M. WILLIS, AND J. SHEEPERS (Toronto, Ontario, Canada)      In an effort to determine the nutritional requirements of the very low birthweight infant, the effect of different feed volumes and Na<sup>+</sup> and caloric intakes was measured on plasma and urinary electrolytes and on body fluid compartments.

### The Effect of Spermidine and Spermine on Proliferation *in Vitro* of Fibroblasts from Normal and Cystic Fibrosis Patients

W. A. GAHL, J. E. CHANGUS, AND H. C. PITOF (Madison, Wisconsin)      The toxic effects of polyamines on cultured cystic fibrosis fibroblasts were compared with normal cell strains.

### Ketonemia and Seizures: Metabolic and Anticonvulsant Effects of Two Ketogenic Diets in Childhood Epilepsy

P. R. HUTTENLOCHER (Chicago, Illinois)      Metabolic effects of a ketogenic regime in which ketonemia is induced by the feeding of a medium chain triglyceride diet are compared with those of the standard high fat ketogenic diet.

### Cholesterol Metabolism in Cultured Fibroblasts in Adrenoleukodystrophy

E. YAVIN, A. MILUNSKY, G. R. DE LONG, A. H. NASH, AND E. H. KOLODNY (Waltham and Boston, Massachusetts)      The authors are unable to demonstrate any abnormal kinetics of cholesterol metabolism in cultured skin fibroblasts from patients with adrenoleukodystrophy.

### Methionine Adenosyltransferase and Transmethylation in Fetal and Neonatal Lung of the Human, Monkey, and Rabbit

H. J. STERNOWSKY, N. C. R. RÄIHÄ, AND G. GAULL (Staten Island and New York, New York, Helsinki, Finland)      The activity of some of the enzymes of the methionine cycle and trans-sulfuration was examined at times of increased need for methylation.

### Type I Hyperprolinemia: A Study of the Intestinal Absorption of Proline, Hydroxy-proline, and Glycine

J. P. FARRIAUX AND J. L. DHONDT (Lille, France)      The levels of intestinal absorption of iminoacids and glycine were studied in a patient with type I hyperprolinemia and in six control subjects.

### Intracellular Deoxyribonucleic Acid-modifying Activity of Phototherapy Lights

W. T. SPECK AND H. S. ROSENKRANZ (New York, New York)      Structural changes were demonstrated in the DNA isolated from human cells growing in culture after exposure to high intensity illumination in the absence of added photosensitizers.

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# Monatsschrift für Kinder— heilkunde

Organ der Deutschen Gesellschaft für Kinderheilkunde

124. Band · Heft 8 · August 1976

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# ARCHIVES OF DISEASE IN CHILDHOOD on MICROFICHE

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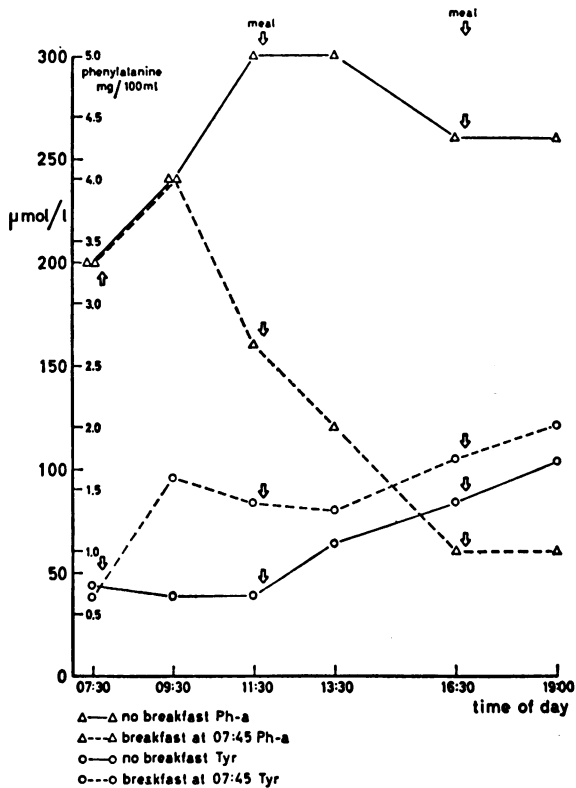
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