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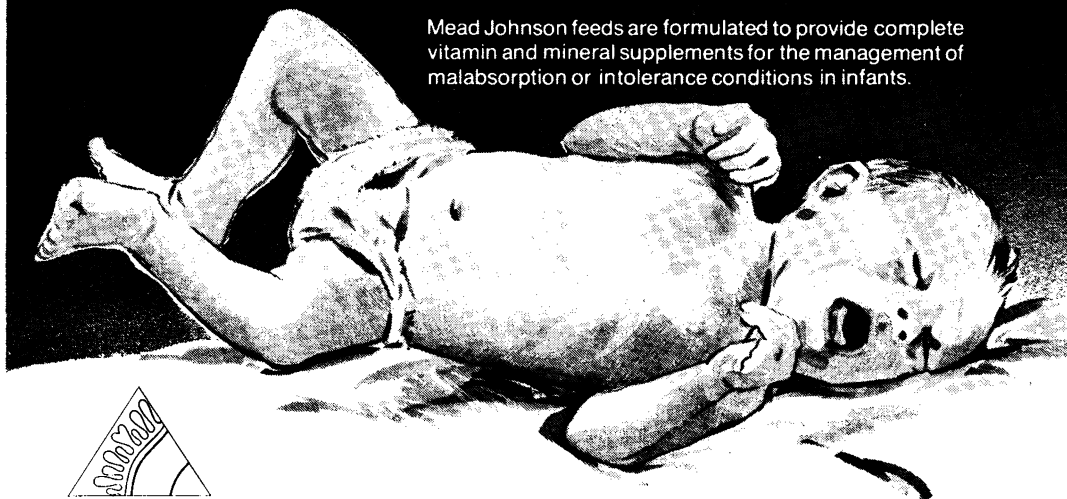
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heilkunde**
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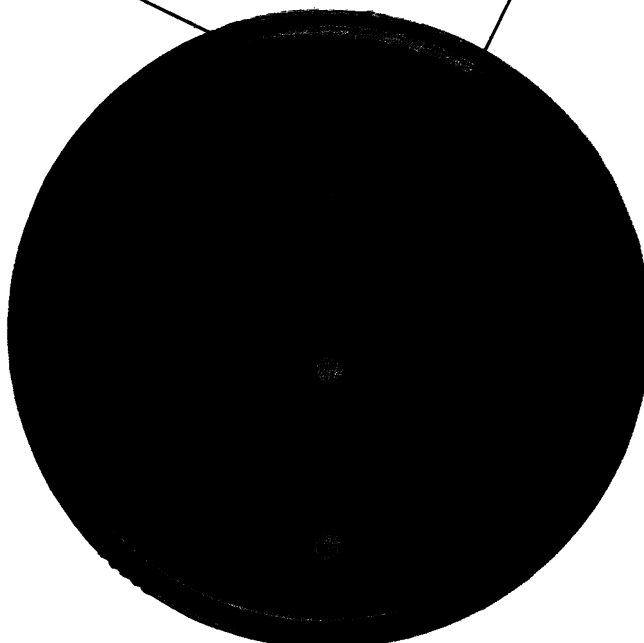
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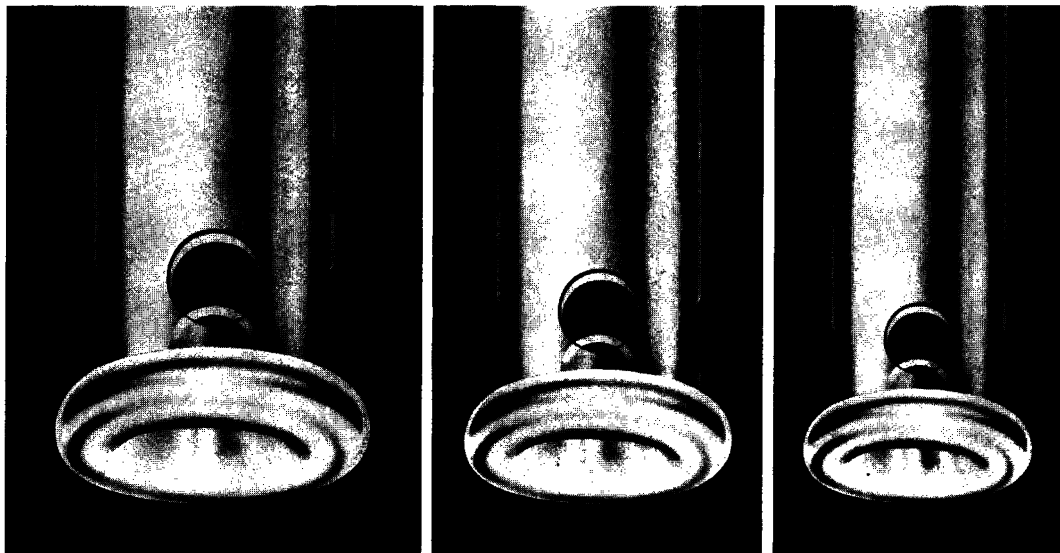


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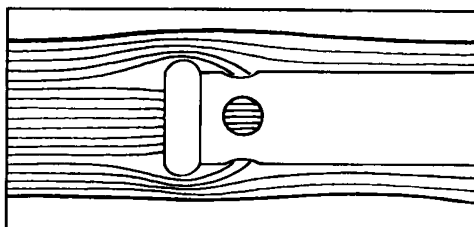
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1. Acta neurol.scand.,1973,49(Suppl.53),82

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6. S.Afr.med.J.,1973,47,1683



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Organ der Deutschen Gesellschaft für Kinderheilkunde

123. Band · Heft 4 · April 1975

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- E. Bossi Spontanatmung mit kontinuierlichem endexpiratorischem Druck mittels doppelseitiger Nasenkanüle beim Neugeborenen (Continuous Positive Airway Pressure in the Spontaneously Breathing Newborn by Means of Bilateral Nasal Cannulation) 141
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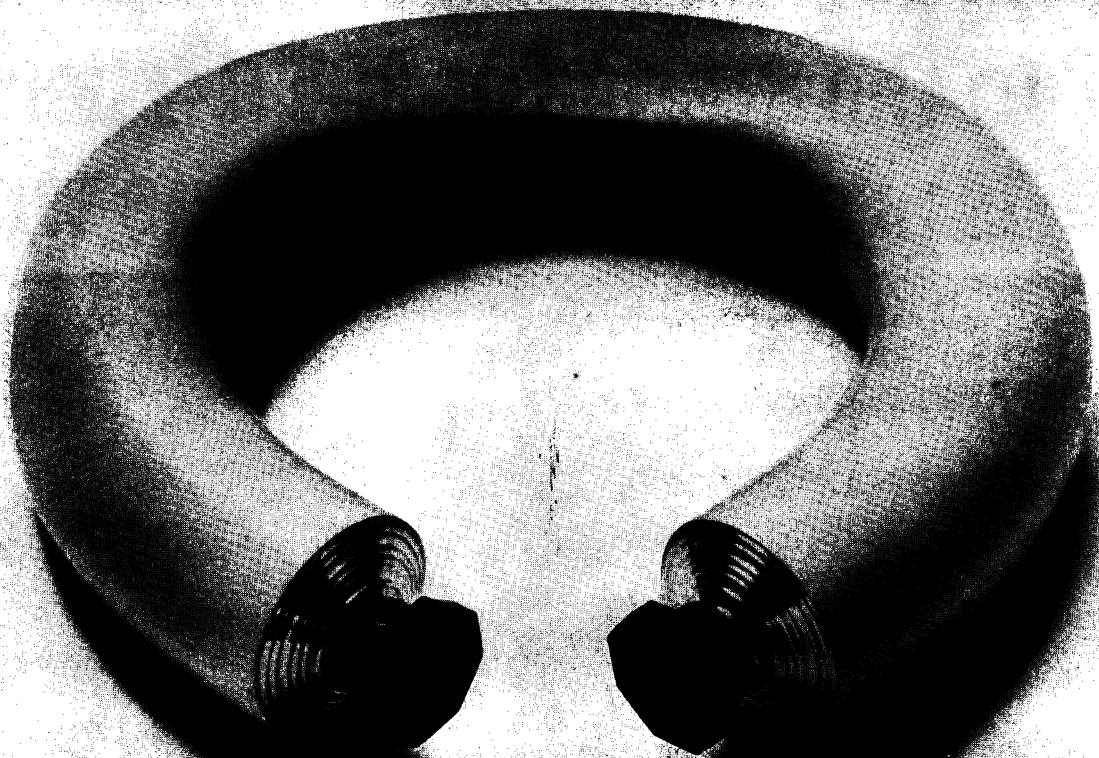


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MOKIAY 123 (4) 141-188 (1975)



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1 Brit. J. Clin. Pract. (1973) 27177 2 Brit. J. Clin. Pract. (1972) 23263 3 Brit. J. Derm. (1970) 8393 4 Brit. J. Derm. (1973) 8883
5 Brit. J. Derm. (1973) 89505

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(Editorial, *Drugs*, 1974, 8, 241)

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(Editorial, *Brit. med. J.*, 1975, 1, 413)

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PEDIATRIC RESEARCH

Volume 9, No. 6

June 1975

*Contents*Hemopexin Synthesis *in Vitro* by Human Fetal Tissues

U. MULLER-EBERHARD, H. H. LIEM, K. H. COX, AND T. P. CONWAY (La Jolla, California)

The concentration of hemopexin, albumin, and transferrin in fetal serum and the amount of these proteins synthesized by fetal tissues is determined by these investigators, who found significant synthesis of hemopexin and albumin only in the liver.

 α -Ketoadipic Aciduria: A Description of a New Metabolic Error in Lysine-Tryptophan Degradation

R. W. WILSON, C. M. WILSON, S. C. GATES, AND J. V. HIGGINS (East Lansing, Michigan)

These investigators describe a mentally retarded male with elevated levels of α -amino adipic and α -ketoadipic acids in his urine; their results suggest a new inborn error of metabolism involving the catabolism of lysine and tryptophan.

Fetomaternal Potassium Relations in the Fetal Rat of Twenty Days of Gestational Age

A. G. FANTEL (Seattle, Washington)

Studies undertaken by this scientist demonstrate that potassium concentrations in fetal rat plasma are considerably lower than these in maternal plasma; the fetal plasma levels are consistent with predictions based upon a passive transfer model.

Leukocyte Urea Cycle Enzymes in Hyperammonemia

D. M. WOLFE AND P. D. GATFIELD (London, Ontario, Canada)

Blood from patients with three hepatic urea cycle disorders was studied by these investigators who found that analysis of urea cycle enzymes in leukocytes may be useful in disease detection.

Interaction of Endogenous Growth Hormone, Cortisol, and Catecholamines with Blood Glucose in Children with Brittle Diabetes Mellitus

E. BRUCK AND M. H. MACGILLIVRAY (Buffalo, New York)

These studies document the sequences of hypoglycemia followed by hyperglycemia in diabetic children in response to excessive production of growth hormone and other antagonists of insulin; prompted by hyperglycemia, increasing administration of exogenous insulin results in a vicious cycle of hypoglycemia alternating with hyperglycemia (Somogyi syndrome).

The Use of Transfer Factor in a Patient with Agammaglobulinemia

N. M. ZALDIVAR, P. S. PAPA-GEORGIOU, S. KAFFE, AND P. R. GLADE (New York, New York)

Transfer factor therapy is used by these workers in an attempt to alter the clinical course of a patient with agammaglobulinemia; their findings suggest that transfer factor may affect immunoglobulin synthesis.

The Effect of Increased Pulmonary Blood Flow on the Pulmonary Vascular Bed in Pigs

B. FRIEDLI, G. KENT, AND B. S. L. KIDD (Toronto, Canada)

Obligatory shunts in 1-month-old piglets were produced by these scientists by unilateral pneumonectomy, creation of systemic arteriovenous fistulas, or a combination of both in an attempt to identify changes in the pulmonary vasculature induced by high pulmonary blood flow.

Citrullinemia: Enzymatic Evidence for Genetic Heterogeneity

N. G. KENNAWAY, P. J. HARWOOD, D. A. RAMBERG, R. D. KOLER, AND N. R. M. BUIST (Portland, Oregon)

The *in vitro* activity and kinetic properties of argininosuccinate synthetase were examined by these authors in three patients with citrullinemia.

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Arch Dis Child 1972; 47:64

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References

1. *Postgrad med J.* (1971) 47, Supplement (September) 7.
2. *Brit med J.* (1972), 2, 673.
3. *Clin Trials J.* (1972), 9/3, 9.

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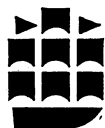
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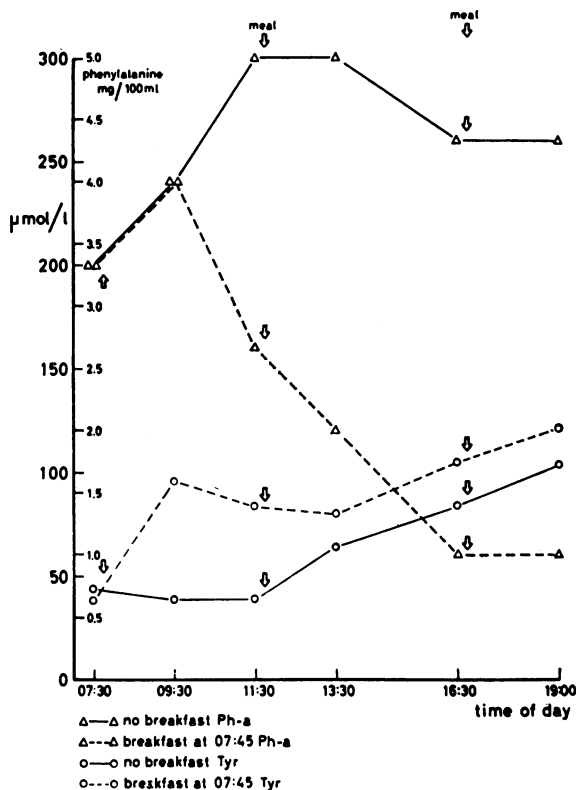
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