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**References**

1. Practical Therapeutics (1975) 10, 112.
2. Postgraduate Medical Journal (1975) 51, 615.

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European Journal of  
**Pediatrics**  
Zeitschrift für Kinderheilkunde

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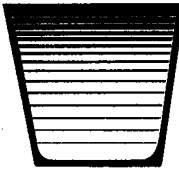
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**Kjellman, N-I Max:** Immunoglobulin E and Atopic Allergy in Childhood. Linköping University Medical Dissertations 36, 1976.

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## PEDIATRIC RESEARCH

Volume 11, No. 8

August 1977

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### *Contents include*

#### Relationship between Maturity and Isoenzymes of Erythrocytic Carbonic Anhydrase in Newborn Infants

J. B. MOYNIHAN (Dublin, Ireland)

The present study was conducted to assess the activities of all three principal isoenzymes of human erythrocytic carbonic anhydrase in newborn infants in relation to their estimated gestational ages.

#### Glucose Homeostasis in Preterm Rhesus Monkey Neonates

W. G. SHERWOOD, D. E. HILL, AND  
G. W. CHANCE (Toronto, Ontario,  
Canada)

A primate model was employed to study the effects of prematurity on postnatal glucose homeostasis utilizing a radioactive tracer kinetic methodology.

#### Carnitine Content of Blood and Amniotic Fluid

P. HAHN, J. P. SKALA, D. W.  
SECCOMBE, J. FROHLICH, D. PENN-  
WALKER, M. NOVAK, I. HYNIE, AND  
M. E. TOWELL (Royal Oak, Michigan,  
and Vancouver, British Columbia,  
Canada)

The free carnitine levels determined in fetal blood and amniotic fluid from the 10th-40th week of gestation were found to decrease progressively in gestation but to be higher in cord blood than in maternal blood.

#### Negative Feedback Control of Neonatal Serum Creatine and Increased Urinary Creatinine Excretion after Enzyme-inducing Drugs

E. TALAFANT, A. HÖSKOVÁ, AND A.  
POJEROVÁ (Brno, Czechoslovakia)

Results of these studies indicate that rapid creatine input into the circulation in the first days of life causes depression of its formation, resulting in a slight decrease in the next few days and that phenobarbital with nikethamide increases urinary creatine excretion.

#### Plasma Somatomedin Activity in Normal and Scoliotic Children

G. S. G. SPENCER AND P. A. ZORAB  
(London, England)

Plasma somatomedin activity was measured in normal and scoliotic children.

#### The Effect of Growth Hormone Deficiency and of Growth Hormone Substitution on Blood Volume and Red Cell Parameters

O. LINDERKAMP, O. BUTENANDT, T.  
MADER, D. KNORR, AND K. P. RIEGEL  
(Munich, Federal Republic of  
Germany)

This study on various form of dwarfism revealed a direct effect on growth hormone deficiency and substitution on blood volume and related hematologic parameters.

#### Catecholamine Release in the Newborn Infant at Birth

H. LAGERCRANTZ AND P. BISTOLETTI  
(Huddinge, Sweden)

Catecholamine concentrations in umbilical blood of the newborn were correlated with clinical condition, gestational age, pH, and fetal heart rate pattern.

#### Steroid Sulfatase Deficiency

L. J. SHAPIRO, L. COUSINS, A. L.  
FLUHARTY, R. L. STEVENS, AND H.  
KIHARA (Torrance and Pomona,  
California)

These authors have studied the placenta, cultured fibroblasts, and amniotic fluid cells from a patient with placental sulfatase deficiency.

#### Immunologic Studies in Cow's Milk-induced Pulmonary Hemosiderosis

H. A. STAFFORD, S. H. POLMAR, AND  
T. F. BOAT (Cleveland, Ohio)

Studies of possible immunologic mechanisms involved in the pathogenesis of milk-induced pulmonary hemosiderosis were undertaken in nine patients with precipitins to cow's milk.

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# Journal of Medical Genetics

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August 1977 Vol. 14 No. 4

G $\gamma$   $\delta\beta$  thalassaemia and G $\gamma$  HPFH (Hb Kenya type). Comparison of 2 new cases *W. G. Wood, J. B. Clegg, D. J. Weatherall, O. H. B. Gyde, D. A. Obeid, M. J. Tarlow, M. J. Brown, and S. Hewitt*

Haemoglobin D Ouled Rabah ( $\beta$ 19 [B1] Asn $\rightarrow$ Lys) in a Tuareg tribe of the Southern Sahara *A. Mauran-Sendrail, Ph. Lefevre-Witier, H. Lehmann, and R. Casey*

Glucose-6-phosphate dehydrogenase (G6PD) activity of human sperm *Siddhartha Sarkar, Alvin J. Nelson, and O. W. Jones*

Sister chromatid exchange in dyskeratosis congenita lymphocytes *Walter Burgdorf, Karen Kurvink, and Jaroslav Cervenka*

Partial trisomy 7p associated with familial 7p;22q translocation *Linda M. Larson, Walter A. Wasdahl, and Syed M. Jalal*

X/XYq—mosaicism and mixed gonadal dysgenesis *Emilio Yunis, Rafael Silva, Efrain Ramirez, and Marco A. Nossa*

The prune belly anomaly. Heterogeneity and superficial X-linkage mimicry *Vincent M. Riccardi and Cyril M. Grum*

'Complete 5p' trisomy: 1 case and 19 translocation carriers in 6 generations *F. S. W. Brimblecombe, F. J. Lewis, and M. Vowles*

## Short communications:

15/15 translocation in Prader-Willi syndrome *M. Fraccaro, Orsetta Zuffardi, Erica M. Bühler, and L. Pia Jurik*

Echinocytes in families with Duchenne muscular dystrophy *H. C. Soltan*

## Case reports:

A further example of human blood group chimaerism *I. O. Szymanski, C. A. Tilley, M. C. Crookston, T. J. Greenwalt, and S. Moore*

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Congenital discoid lupus in the newborn *J. S. Fitzsimmons, M. J. Crawford, and W. G. Reeves*

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Trisomy 22 with 'cat eye' anomaly *J. Cervenka, Cheryl A. Hansen, R. A. Franciosi, and R. J. Gorlin*

Cebocephaly in an infant with trisomy 18 *Alasdair G. W. Hunter, Manoranjan Ray, and Claire Langston*

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