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References

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

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D.C. Siggers M.B. B.S. M.R.C.P. December 1977.
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J. Apley C.B.E. M.D. F.R.C.P. J.P., R. Mac Keith D.M. F.R.C.P. and R.S. Meadow M.A. B.M. F.R.C.P. Third Edition, November 1977. 288 pages. Paper, about £7.50

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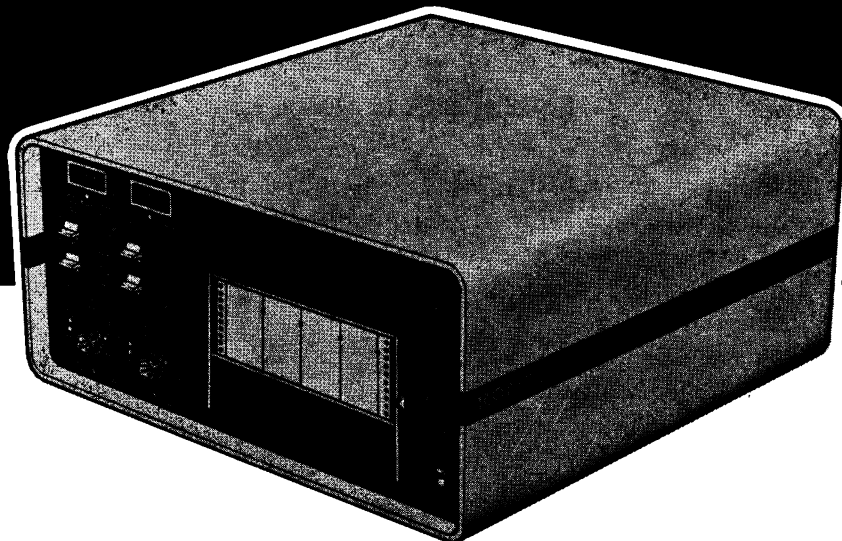
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Volume 11, No. 10, Part 1 of 2 parts

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M. J. DAUNCEY, J. C. L. SHAW, AND J. URMAN (London, England)

Absorption and retention of magnesium, zinc, and copper were measured in very low birth weight preterm infants to determine in what way their chemical growth, with respect to these elements, differed from that of a fetus of equivalent gestational age.

Red Blood Cell Carbonic Anhydrase Activity in Children with Distal Renal Tubular Acidosis

B. S. KAPLAN, M. MILLS, P. HECHTMAN, AND D. LEBLANC (Montreal, Quebec, Canada)

These authors studied red blood cell carbonic anhydrase (CA) activity in three children with renal tubular acidosis, two of whom were deaf, but were unable to demonstrate any abnormality in the red blood cell CA isoenzymes.

Prednisone Effects on Postnatal Brain Development of Rats Following Maternal Therapy

M. C. ROMANO, I. A. GIOIA, AND M. V. BERNASCONI (Mexico)

In the present investigation 16- β -methylprednisone was administered in the last week of pregnancy to inbred rats in order to study its effects on postnatal brain development of the litters.

The Activity of Galactose-1-phosphate Uridyltransferase and Galactokinase in Human Fetal Organs

Y. S. SHIN-BUEHRING, T. BEIER, A. TAN, M. OSANG, AND J. SCHAUB (Munich, West Germany)

The developmental changes of fetal galactokinase and transferase from several human organs were compared to the characteristics of other fetal liver enzymes.

Lung Development in the Fetal Primate *Macaca nemestrina*. I. Growth and Compositional Changes

W. A. HODSON, S. PALMER, G. A. BLAKELY, J. H. MURPHY, D. E. WOODRUM, AND T. E. MORGAN (Seattle, Washington)

Lung growth and composition are related to body growth in 23 precisely timed *M. nemestrina* fetuses and 2 spontaneously delivered newborn infants, and these data provide fundamental information for this subhuman primate species relevant to the study of human disease.

Lung Development in the Fetal Primate *Macaca nemestrina*. II. Pressure-Volume and Phospholipid Changes

S. PALMER, T. E. MORGAN, J. L., PRUEITT, J. H. MURPHY, AND W. A. HODSON (Seattle, Washington)

Biochemical and functional maturational changes in the fetal *M. nemestrina* indicate its suitability for studies of developmentally related pulmonary disorders of the human.

Effect of Intermittent Phototherapy on Bilirubin Dynamics in Gunn Rats

T. P. VOGL, H. CHESKIN, T. A. BLUMENFELD, W. T. SPECK, AND M. R. KOENIGSBERGER (Falls Church, Virginia)

Three intermittent phototherapy schedules are evaluated to determine their effectiveness in reducing the serum bilirubin concentration of adult homozygous Gunn rats.

Glycolytic Metabolism of Neonatal Mononuclear Cells

M. DAS AND S. A. FEIG (Los Angeles, California)

These studies were undertaken to compare the metabolism of cord lymphocytes with that of adult lymphocytes.

Prenatal Diagnosis of Metachromatic Leukodystrophy by Electrophoretic and Immunologic Techniques

M. C. RATAZZI AND R. G. DAVIDSON (Buffalo, New York, and Ontario, Canada)

Absence of arylsulfatase A was detected in cultured amniotic fluid cells by electrophoresis and immunodiffusion; a new arylsulfatase isozyme was found in cell-free amniotic fluid from normal and affected fetuses.

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