Neonatal Society

Meeting on 29 October 1970, at St. Mary's Hospital, London W.2.

Communications

Effect of removing the whole of the large intestine from newborn piglets on their subsequent development. R. A. McCance and A. W. Wilkinson. (Sidney Sussex College, Cambridge, England; Institute of Child Health, Great Ormond Street, London W.C.1.)

Effect of progressive bleeding on plasma corticotrophin and vasopressin concentrations in fetal sheep. D. Pauline Alexander,* H. G. Britton,* Mary L. Forsling,† D. A. Nixon,* and J. G. Ratcliffe.† (St. Mary's Hospital Medical School, London W.2. †St. Bartholomew's Hospital Medical College, London E.C.1.)

Infants' reaction to cold: heat radiation of the skin and the plasma concentrations of unesterified fatty acids and glycerol. B. Persson, Hana Pribylova and Eva Rylander. (Karolinska Institutet, Stockholm, Sweden.)

Fetal and maternal glucose and insulin relationships in human subjects prior to the onset of labour. R. W. Beard,* N. W. Oakley,† and R. C. Turner.† (King's College Hospital, Denmark Hill, London S.E.5;† St. Mary's Hospital, London W.2;† Middlesex Hospital, London W.1.)

Carbon dioxide response in the newborn. D. Redstone. (St. Mary's Hospital, London W.2.)

Effects of chronic hypoxia on oxygen consumption in infants at rest and on exercise. D. L. Kennaird. (London Hospital Medical College, London E.1.)

Findings in premature babies on ventilators. B. Gans. (Lewisham Hospital, London.)

Artificial expansion of the human newborn lung. K. Laurence, W. W. Mapleson, and M. Rosen. (The Royal Infirmary, Cardiff, Wales.)

Calcium metabolism in the neonatal period. D. Bartrop and T. E. Oppè. (St. Mary's Hospital, London W.2.)

Asphyxia and respiratory activity in the immature fetal lamb. G. S. Dawes, H. E. Fox, and R. T. Richards. (Nuffield Institute for Medical Research, Osler Road, Headington, Oxford.)

Demonstrations

Rapid electro-chemical determination of plasma glucose. D. Redstone.


Fetal and maternal glucose and insulin relationships in human subjects prior to the onset of labour. R. W. Beard, N. W. Oakley, and R. C. Turner.

Some aspects of the fine structure of the human decidua. A. D. Hoyes.

Donald Paterson Prize Essay

A prize essay competition will be held, open to medical practitioners registered in the United Kingdom and qualified for not more than ten years. The value of the prize will be twenty-five pounds.

The subject of the essay shall be related to paediatrics but will be chosen individually by candidates. The essay shall consist substantially of unpublished work.

Entry forms and further information may be obtained from the Honorary Secretary, British Paediatric Association, c/o Institute of Child Health, 30 Guilford Street, London WC1N 1EH. The closing date for entries will be 30 June 1971.