

## Neonatal Society

Spring Meeting held on 6 February 1975 at  
St. Thomas's Hospital, London

### Communications

**Identification of infants at risk of sudden death in infancy.** R. G. Carpenter and J. L. Emery. Children's Hospital, Sheffield; London School of Hygiene and Tropical Medicine.

**Follow-up of infants at risk of sudden death.** R. G. Carpenter and J. L. Emery. Children's Hospital, Sheffield; London School of Hygiene and Tropical Medicine.

**New technique for measurement of alveolar ventilation in the neonate.** J. M. Evans, M. I. J. Hogg, and M. Rosen. Department of Anaesthetics, Welsh National School of Medicine, Cardiff.

**Restricted and facilitated diffusion across the sheep placenta.** R. D. H. Boyd, C. W. Haworth, T. E. Stacey, and R. H. T. Ward. Departments of Paediatrics and Obstetrics, University College Hospital Medical School, London.

**Comparative study of motor-nerve conduction velocity in European, West Indian, and Turkish newborn infants.** A. Moosa and H. Sertel. Department of Paediatrics and Neonatal Medicine, Hammersmith Hospital, London.

**A new look at the premature brain.** G. Hambleton and J. S. Wigglesworth. Department of Paediatrics

and Neonatal Medicine, Hammersmith Hospital, London.

**Changes in blood volume associated with exchange transfusion.** J. B. S. Coulter, A. M. Hoby, and J. C. Maclaurin. Department of Paediatrics, The Glasgow Royal Maternity Hospital, Glasgow.

**Changing trends in maternal age at birth in relation to incidence and antenatal diagnosis of Down's syndrome.** S. Duncan. University Department of Obstetrics and Gynaecology, Sheffield.

**Blood pressure variation in the first 6 days of life.** M. de Swiet and J. Peto (introduced by D. R. Harvey). Cardiothoracic Unit, Brompton Hospital, London, and Department of Paediatrics, Queen Charlotte's Maternity Hospital, London.

**Follow-up of infants who were studied in utero by serial ultrasound cephalometry.** S. J. Campbell, R. Fancourt, D. R. Harvey, and A. P. Norman. Queen Charlotte's Maternity Hospital, London.

**Anaerobic bacterial colonization in newborn infants.** P. Davies, J. Graham, and J. Taylor. Department of Paediatrics and Neonatal Medicine, Hammersmith Hospital, London.

Summer Meeting held on 27 June 1975 at  
City Hospital, Nottingham

**Angiotensin II in human babies.** F. Broughton Pipkin, O. R. C. Smales, and E. M. Symonds. Department of Obstetrics and Gynaecology and Child Health, University of Nottingham, City Hospital, Nottingham.

**Feto-fetal transfusion syndrome.** E. M. Bryan (introduced by P. A. Davies). Department of Paediatrics and Neonatal Medicine, Hammersmith Hospital, London.

**Patterns of change in the pulmonary circulation in the presence of congenital heart disease.**

S. G. Haworth. Department of Experimental Pathology, Cardiothoracic Institute, Brompton Hospital, London.

**Effects of continuous distending pressure on lung volumes and lung mechanics in the neonatal period.** A. D. Milner and R. A. Saunders. Department of Child Health, The University of Nottingham, City Hospital, Nottingham.

**Measurement of oxygen consumption of newborn infants in the nursery.** O. R. C. Smales (introduced by A. D. Milner). Department of Child

Health, University of Nottingham, City Hospital, Nottingham.

**Lecithin/sphingomyelin ratio in hypopharyngeal aspirate from newborn infants in the first 6 hours of life.** D. Baum, P. Jenkins, and P. Weller. Department of Paediatrics, John Radcliffe Hospital, Oxford.

**Growth retardation of infants with congenital postural deformities.** P. M. Dunn. University of Bristol, Department of Child Health, Southmead Hospital, Bristol.

**Infant feeding patterns and weight gain at the age of 2 months, following small-for-dates, large-for-dates, and hypertensive pregnancies.** M. Ounsted and G. Sleigh. Department of Paediatrics, John Radcliffe Hospital, Oxford.

**Factors which influence the timing of maximum growth of the head in low birthweight infants.** M. Fujimura (introduced by R. O. Robinson). Department of Paediatrics, John Radcliffe Hospital, Oxford.

**Ethnic differences in body measurements of neonates.** O. G. Brooks, M. A. Viner, and J. B. White (introduced by D. Barltrop). Department of Paediatrics, St. Mary's Hospital, London.

**An antiviral substance in milk.** T. H. J. Matthews, C. D. G. Nair, and D. A. J. Tyrrell (introduced by H. Marcovitch). Clinical Research Centre, Watford Road, Harrow, Middlesex.

**In vivo effect of intralipid intravenous feeding on serum lipids and bilirubin in neonates.** G. Andrew, G. Chan, and David Schiff. Department of Paediatrics and Obstetrics and Gynaecology, University of Alberta, Canada.

**Evidence for transfer of fatty acids across the placenta in rabbits.** M. C. Elphick, D. Hudson, and D. Hull. Department of Child Health, University Hospital and Medical School, Nottingham.

**Evidence for transfer of fatty acid across the human placenta.** M. C. Elphick, D. Hull, and R. R. Saunders. Department of Child Health and Obstetrics and Gynaecology, University of Nottingham, City Hospital, Nottingham.

**Intraventricular haemorrhage in the newborn.** P. Fincher, J. M. Gupta, P. R. L. C. Lam-Po-Tang, and H. Starr (introduced by D. R. Harvey). School of Paediatrics and Department of Pathology, Prince of Wales Hospital, Randwick, N.S.W., Australia.

**A method of timing intraventricular haemorrhage with preliminary clinical observations on its application.** P. Emerson, M. Fujimura, R. O. Robinson, and D. Salisbury. Department of Paediatrics, John Radcliffe Hospital, Oxford.