Original articles

Werndig-Hoffmann disease: the effects of intrauterine onset on lung growth
Mary Cunningham and Janet Stocks 921

Milk pH, acid base status, and growth in babies
H. M. Berger, P. H. Scott, Carolyn Kenward, P. Scott, and B. A. Wharton 926

Mineral and trace metal supplement for use with synthetic diets based on comminuted chicken
Janet M. Thorn, P. J. Aggett, H. T. Delves, and Barbara E. Clayton 931

Improved accuracy of lactose tolerance test in children, using expired H2 measurement
A. C. Douwes, J. Fernandes, and H. J. Degenhart 939

Serum theophylline levels in asthmatic children after oral administration of two slow-release theophylline preparations
Sheila McKenzie and Eivor Baillie 943

Hypothyroidism in children with cystinosis
J. R. Burke, M. M. El-Bishti, M. N. Maisey, and C. Chantler 947

Hypothalamo-pituitary hormone insufficiency associated with cleft lip and palate
A. Raitman and Z. Laron 952

Short reports

Menkes's syndrome: report of a patient treated from 21 days of age with parenteral copper

Use of salbutamol powder in childhood asthma
W. Lenney, A. D. Milner, and E. J. Hiller 958

Depigmented hair: the earliest sign of tuberous sclerosis
R. C. McWilliam and J. B. P. Stephenson 961

Bone growth in thalassaemic children
P. Lapatsanis, Adriani Divoli, Helene Georgaki, S. Pantelakis, and S. Doxiadis 963

Epileptic laughter with precocious puberty
M. Williams, W. Schutt, and D. Savage 965

Correspondence 967

Book reviews 970

Index 972
No. 1 January 1978

Editorial
The British Paediatric Association, the British Medical Association, and the Archives

Original articles
Fetal growth in different racial groups.  J. Alvear and O. G. Brooke
Echovirus encephalitis and myositis in primary immunoglobulin deficiency.  A. D. B. Webster, J. H. Tripp, A. R. Hayward, A. D. Dayan, R. Doshi, E. H. MacIntyre, and D. A. J. Tyrrell
Simple method for measuring oxygen consumption in babies.  O. R. C. Smale
Thermoregulation in babies immediately after birth.  O. R. C. Smale and R. Kime
Motor nerve conduction velocities in Leigh's encephalomyelopathy.  A. Moosa
Psychological determinants of infantile pyloric stenosis.  Susan I. Revill and J. A. Dodge

Current topics
The practice of infant feeding among Asian immigrants.  S. K. M. Jivani

Short reports
Diagnosis of meconium aspiration by spectrophotometric analysis of urine.  M. Dehan, Jeanne Francoual, and A. Lindenbaum
Establishing demand feeding in hospital.  P. Cruse, P. Yudkin, and J. D. Baum
Oxidative metabolism in cord-blood polymorphonuclear leucocytes.  R. G. Strauss and M. J. Seifert
Case of congenital nonobstructive, nonhaemolytic jaundice: successful long-term phototherapy at home.  M. Odèvre, F. Trivin, N. Eliot, and D. Alaigle
Serial lung function studies in cystic fibrosis in the first 5 years of life.  S. Godfrey, M. Mearns, and G. Howlett
Hyponatraemia in children with febrile convulsions.  N. Rutter and M. J. O'Callaghan

Correspondence

No. 2 February 1978

Annotations
Drugs, infections, and congenital abnormalities.  R. W. Smithells
Role of circulating soluble immune complexes in disease.  R. J. Levinsky

Original articles
Effect of children's and parents' smoking on respiratory symptoms.  M. Bland, Beulah R. Bewley, Virginia Pollard, and M. H. Banks
Viral infection as a precipitant of wheeze in children: combined home and hospital study.  I. Mitchell, J. M. Inglis, and H. Simpson
Management of nephroblastoma in childhood: clinical study of two forms of maintenance chemotherapy
Medical Research Council's Working Party on Embryonal Tumours in Childhood
Endocrine studies in Fanconi's anaemia: report of 4 cases.  A. Aynsley-Green, M. Zachmann, E. A. Werder, Ruth Illig, and Andrea Prader
Management of congenital adrenal hyperplasia: urinary steroid estimations—review of their value.  C. C. Bailey, G. M. Komrower, and M. Palmer
Serial determinations of oxygen profiles in infants with respiratory distress.  W. L. Holman, A. N. Krauss, and P. A. M. Auld
Defective neutrophil chemotaxis and raised serum IgE levels in a child with recurrent bacterial infections and eczema: influence of levamisole.  J. De Cree, L. Emmery, J. Timmermans, R. Eeckels, W. De Cock, and H. Verhaegen
Structure of perialdrenal brown fat in childhood in both expected and cot deaths.  J. L. Emery and Fay Dinsdale
Aortic thrombosis in the newborn period.  G. T. Knowlson and H. B. Marsden
Short reports

Effect of practical timing of dosage on theophylline blood levels in asthmatic children treated with choline theophyllinate. S. A. McKenzie, E. Baillie, and S. Godfrey 167

Computer system for recording and display of data from newborn infants with respiratory illnesses. L. P. Allen, J. S. Clifton, D. Ingram, P. N. Le Souëf, E. O. R. Reynolds, and P. D. Wimberley 169

Effect of phototherapy on thermal environment of the newborn. O. R. C. Smales 172

Severe arrhythmias in Coxsackievirus B3 myopericarditis. C. Ward 174

Improved tube for nasojugal feeding in low birthweight infants. D. Della Pietra, V. Gargiula, and F. Tancredi 176

Tubular duplication of the bowel: use of technetium 99m pertechnetate in diagnosis. D. C. Hitch, B. Shandling, and D. L. Gilday 178

Acute neonatal and benign citrullinaemia in one sibship. E. A. Burgess, V. G. Oberholzer, J. M. Semmens, and J. Stern 179

Correspondence 182

Book reviews 184

No. 3 March 1978

Annotation

Faecal soiling and anal achalasia. J. F. R. Bentley 185

Review article

The first feed of low birthweight infants: changing attitudes in the twentieth century. D. P. Davies 187

Original articles

Reflex anoxia seizures ("white breath-holding"): nonepileptic vagal attacks. J. B. P. Stephenson 193

Fundamental voice frequency during normal and abnormal growth, and after androgen treatment. V. Vuorenkoski, Hanna Liisa Lenko, P. Tjernlund, Liisa Vuorenkoski, and J. Perheentupa 201

Renal scarring and vesicoureteric reflux. K. J. Shah, D. G. Robins, and R. H. R. White 210

Fat embolism in infancy after intravenous fat infusions. A. J. Barson, M. L. Chiswick, and Caroline M. Doig 218

Tests of skeletal muscle function in children. G. P. Hosking, A. Young, V. Dubowitz, and R. H. T. Edwards 224


Homocystinuria in New South Wales. Bridget Wilcken and Gillian Turner 242

Tracheal compression as a cause of respiratory symptoms after repair of oesophageal atresia. R. C. M. Cook and G. H. Bush 246

Short reports

Plasma ACTH and melanocyte-stimulating hormone in nail pigmentation. Shoji Arakawa, T. Takamatsu, S. Imashuku, and T. Kusunoki 249

Early onset of homozygous β-thalassaemia associated with neonatal jaundice. M. Furbetta, P. Cosu, A. Angius, G. Congiu, A. Ximenes, and A. Cao 250


Familial haemolytic uraemic syndrome. A. D. Edelsten and S. Tuck 255

Congenital heart block and hypothyroidism. A. A. Syed 256

Paediatric Research Society 259

Neonatal Society 264

Correspondence 267

Referees 268

No. 4 April 1978

Annotation

Hearing defects in preterm infants. F. J. Schulte and E. Stennert 269

Original articles


Preventable death in oesophageal atresia. R. J. Brezton, R. B. Zachary, and L. Spitz 276

No. 4 April 1978—continued

Nutrition, sex, gestational age, and hair growth in babies. H. M. Berger, J. King, S. Doughty, and B. A. Wharton 290
Increase in hospitalisation for childhood asthma. H. R. Anderson 295
Normocalcaemic pseudohypoparathyroidism with unusual phenotype. J. M. Gertner, S. Tomlinson, and J. Gonzalez-Macias 312
Haemophilus influenzae type b pneumonia. Ellen R. Wald and M. M. Levine 316
Clinical applications of serum theophylline measurement by high pressure liquid chromatography. Sheila A. McKenzie, A. T. Edmunds, Eivor Baillie, and J. H. Meek 322
Deafness and biochemical imbalance after burns treatment with topical antibiotics in young children: report of 6 cases. M. F. M. Bamford and L. F. Jones 326

Personal practice

Congenital choanal atresia. L. K. Winther 338

Short reports

Late functioning adrenocortical carcinoma in a 5-year-old girl. H. B. Marsden, P. Morris Jones, P. D. Lees, and I. M. Hann 341
Loss of energy during continuous infusions of breast milk. O. G. Brooke and J. Barley 344
Systemic lupus erythematosus presenting as chorea. L. F. Kukla, C. Reddy, Geraldine Silkalns, and M. Prasad 345
Serum 25-hydroxyvitamin D levels in thalassaemia. Stella Tsitoura, Nineta Amarilio, P. Lapatsanis, S. Pantelakis, and S. Doxiadis 347

Correspondence 349

Book reviews 354

No. 5 May 1978

Review article

Rotavirus gastroenteritis. J. Walker-Smith 355

Looking back

A notable case of nephrosis. D. Gairdner 363

Original articles

Cows' milk-sensitive enteropathy. J. Walker-Smith, Mary Harrison, Anne Kilby, A. Phillips, and N. France 375
Value of monitoring plasma salicylate levels in treating juvenile rheumatoid arthritis: observations in 42 cases. M. Bardare, G. U. Cislaghi, M. Mandelli, and F. Sereni 381
Ataxia telangiectasia: evaluation of radiosensitivity in cultured skin fibroblasts as a diagnostic test. R. Cox, G. P. Hosking, and J. Wilson 386
Intellectual abilities among survivors of childhood leukaemia as a function of CNS irradiation. Christine Eisler 391
Metabolic response to cold in the newborn. O. R. C. Smales and D. Hull 407
Clubbing and whipworm infestation. M. D. Bowie, A. Morison, J. D. Ireland, and P. J. Duys 411
Acquired toxoplasmosis in children. B. McNicholl and J. Flynn 414
Serum complement components in Henoch-Schönlein purpura. M. Garcia-Fuentes, Angela Martin, C. Chantler, and D. Gwyn Williams 417

Short reports

Value of 1-hour blood-xylene test in diagnosis of childhood coeliac disease. U. Schaad, H. Gaze, and B. Hadorn 420
Persistent neonatal hypoglycaemia due to glucagon deficiency. L. A. Kollée, L. A. Monnens, V. Cejka, and R. H. Wilms 422
Pulmonary interstitial emphysema requiring lobectomy: complication of assisted ventilation. J. H. Drew, L. I. Landau, C. M. Acton, M. Kent, and P. E. Campbell 424
No. 5 May 1978—continued

**Editorial**

Research involving children—ethics, the law, and the climate of opinion

**Medicolegal**

Legality of consent to nontherapeutic medical research on infants and young children  G. Dworkin

**Annotation**

Chlamydial infections in paediatrics.  G. L. Ridgway

**Original articles**


Usefulness of continuous positive airway pressure in differential diagnosis of cardiac from pulmonary cyanosis in newborn infants.  P. S. Rao, Brenda L. Marino, and A. F. Robertson III


Recurrent wheezing in the preschool child.  W. Lenney and A. D. Milner

Nebulised sodium cromoglycate in the preschool wheezy child.  W. Lenney and A. D. Milner


Sweat testing for cystic fibrosis: diagnostic screening with a combination chloride ion-selective electrode.  P. T. Bray, G. C. F. Clark, G. J. Moody, G. Thomas, and J. D. R. Thomas


Goitre and hypothyroidism in the newborn after cutaneous absorption of iodine.  J. P. Chabrolle and A. Rossier


Danger of bucolome in infants with hyperbilirubinaemia: experimental evidence.  R. Semba, H. Sato, and H. Yamamura

**Short reports**

Clinical study of prolonged jaundice in breast- and bottle-fed babies.  C. R. Winfield and R. MacFaul

Respiratory depression due to unsuspected narcotic ingestion treated with naloxone.  D. A. Curnock


Increased urinary catecholamines in an infant with the dienecephalic syndrome.  T. Karpathios, P. Nicolaidou, A. Fretzayas, S. Haidas, and T. Thomaidis

I-cell disease.  P. J. Milla

Use of the diving reflex to treat supraventricular tachycardia in an infant.  I. F. M. Grahame and I. M. Hann

**Neonatal Society**

**Scottish Paediatric Society**

**Correspondence**

**Book reviews**

No. 6 June 1978

**Editorial**

Research involving children—ethics, the law, and the climate of opinion

**Medicolegal**

Legality of consent to nontherapeutic medical research on infants and young children  G. Dworkin

**Annotation**

Chlamydial infections in paediatrics.  G. L. Ridgway

**Original articles**


Usefulness of continuous positive airway pressure in differential diagnosis of cardiac from pulmonary cyanosis in newborn infants.  P. S. Rao, Brenda L. Marino, and A. F. Robertson III


Recurrent wheezing in the preschool child.  W. Lenney and A. D. Milner

Nebulised sodium cromoglycate in the preschool wheezy child.  W. Lenney and A. D. Milner


Sweat testing for cystic fibrosis: diagnostic screening with a combination chloride ion-selective electrode.  P. T. Bray, G. C. F. Clark, G. J. Moody, G. Thomas, and J. D. R. Thomas


Goitre and hypothyroidism in the newborn after cutaneous absorption of iodine.  J. P. Chabrolle and A. Rossier


Danger of bucolome in infants with hyperbilirubinaemia: experimental evidence.  R. Semba, H. Sato, and H. Yamamura

**Short reports**

Clinical study of prolonged jaundice in breast- and bottle-fed babies.  C. R. Winfield and R. MacFaul

Respiratory depression due to unsuspected narcotic ingestion treated with naloxone.  D. A. Curnock


Increased urinary catecholamines in an infant with the dienecephalic syndrome.  T. Karpathios, P. Nicolaidou, A. Fretzayas, S. Haidas, and T. Thomaidis

I-cell disease.  P. J. Milla

Use of the diving reflex to treat supraventricular tachycardia in an infant.  I. F. M. Grahame and I. M. Hann

**Neonatal Society**

**Scottish Paediatric Society**

**Correspondence**

**Book reviews**

No. 7 July 1978

**Annotations**

Changing concepts in asthma.  A. D. Milner

Antigen handling by the gut.  W. A. Walker

**Original articles**

At what age do bronchodilator drugs work?  W. Lenney and A. D. Milner

Congenital cytomegalovirus infection in newborn infants of mothers infected before pregnancy.  K. Schopfer, E. Lauber, and U. Krench

Group B streptococci in pharyngeal aspirates at birth and the early detection of neonatal sepsis.  Mary P. E. Slack and R. T. Mayon-White
No. 7  July 1978—continued

Effects of delivery by caesarean section on lung mechanics and lung volume in the human neonate. A. D. Milner, R. A. Saunders, and I. E. Hopkin 545

Percutaneous catheterisation of the radial artery in newborn babies using transillumination. R. G. Pearse 549


Neurological sequelae in newborn babies after perinatal asphyxia. S. W. De Souza and B. Richards 564

Value of screening for deafness in the first year of life. R. Boothman and N. Orr 570


Short reports

Repeat lumbar puncture in the diagnosis of meningitis. A. D. Kindley and F. Harris 590

Significance of intracranial bruits in neonates, infants, and young children. M. Cohen and S. E. Levin 592


Heights and weights of West Indian children with the sickle cell trait. M. T. Ashcroft, P. Desai, G. A. C. Grell, B. E. Serjeant, and G. R. Serjeant 596

Weaning very low birthweight infants from mechanical ventilation using intermittent mandatory ventilation and theophylline. P. A. Barr 598


Correspondence 604

Book reviews 608

No. 8  August 1978

James Spence Medalist, 1978 609

Original articles

Neurological abnormalities in patients treated for hypothyroidism from early life. R. MacFaul, S. Dorner, E. M. Brett, and D. B. Grant 611

Reverse triiodothyronine, thyroid hormone, and thyrotrophin concentrations in placental cord blood. P. G. H. Byfield, Daphne Bird, R. Yepez, Marianne Land, and R. L. Himsworth 620

Clinicopathological findings in patients with primary and secondary defects of neutrophil mobility. A. Farhoudi, B. A. M. Harvey, and J. F. Soothill 625


Proctosigmoiditis and coeliac disease. Nicoletta Ansaldi, Bruna Santini, D. Dell'Olio, and F. Lewis 645

Evaluation of the Sheffield system for identifying children at risk from unexpected death in infancy. J. R. Oakley, C. J. Tavaré, and A. N. Stanton 649

Students' assessment of paediatric teaching and their opinions seven years later. S. R. Meadow 653

Alternating hemiplegia: complicated migraine of infancy. G. P. Hosking, N. P. C. Cavanagh, and J. Wilson 656

Prophylactic diazepam or phenobarbitone in febrile convulsions: a prospective, controlled study. F. U. Knudsen and S. Vestermark 660

Familial syndrome with panhypopituitarism, hypoplasia of the hypophysis, and poorly developed sella turcica. P. Sipponen, S. Similä, Y. Collan, T. Autere, and R. Herva 664

Concealed pre-excitation causing paroxysmal reciprocating atrioventricular tachycardia in infancy. K. A. Hallidie-Smith, D. Krikler, and A. Mitchell 668

Short reports

Tetrahydrobiopterin therapy of atypical phenylketonuria due to defective dihydrobiopterin biosynthesis. J. Schaub, S. Düuming, H-Ch. Curtius, A. Niederwieser, K. Bartholomé, M. Viscontini, B. Schircks, and J. H. Bieri 674

Diagnosis of phaeochromocytoma after ingestion of imipramine. Jacqueline Mok and I. Swann 676

Sucrase-isomaltase deficiency. A follow-up report. Anne Kilby, E. Ann Burgess, Sally Wigglesworth, and J. A. Walker-Smith 677

Infantile spasms and HLA antigens. P. Howitz and P. Platz 680

Familial neurodegenerative disorder associated with raised urinary vanillylmandelic acid. I. Young and G. P. Hosking 682
No. 8 August 1978—continued

Symposium report
Protective properties of human milk and the effects of processing on them
Paediatric Research Society
Correspondence
Book reviews

No. 9 September 1978

Annotations
Solute and calorie loading in young infants; short- and long-term effects. L. S. Taitz
The incomplete male. M. O. Savage and D. B. Grant

Original articles
Treatment of acute viral group. W. Lenney and A. D. Milner
Alpha and beta adrenergic stimulants in bronchiolitis and wheezy bronchitis in children under 18 months of age. W. Lenney and A. D. Milner
House dust mite sensitivity in childhood asthma. J. O. Warner and J. F. Price
Severe ventilatory failure in asthma in children. Experience of 13 episodes over 6 years. H. Simpson, I. Mitchell, J. M. Inglis, and D. J. Grubb
Cockayne’s syndrome and emphysema. Mary Cunningham, S. Godfrey, and W. M. Moffat
Metabolic and endocrine events at the time of the first feed of human milk in preterm and term infants. A. Lucas, S. R. Bloom, and A. Aynsley-Green
Neonatal tetanus treated with high dosage diazepam. B. H. Khoo, E. L. Lee, and K. L. Lam
Case of tumour rickets. M. W. Moncrieff, D. P. Brenton, and L. J. H. Arthur
Infection with hepatitis B virus in infancy. A longitudinal study of 8 cases. P. Skinhøj

Short reports
Growth and milk intake of normal infants. T. J. Evans
5′-a-Reductase deficiency causing male pseudohermaphroditism. S. A. Greene, Elizabeth Symes, and C. G. D. Brook
Congenital dyserythropoietic anaemia type I in two brothers presenting with neonatal jaundice. H. N. Lay, P. J. Pemberton, and H. B. Hilton
One-hour blood-xylose in cystic fibrosis. U. Schaad, R. Kraemer, H. Gaze, and B. Hadon
Theophylline toxicity in a neonate. V. F. Larcher, H. R. Gamsu, M. C. Sanderson, M. R. Drayton, and B. Sandhu

Correspondence
Book reviews

No. 10 October 1978

Original articles
Stress response and its relationship to cystic (pseudofollicular) change in the definitive cortex of the adrenal gland in stillborn infants. D. J. de Sa
Effects of an artificial diet on growth of patients with cystic fibrosis. Janet G. Yassa, R. Prosser, and J. A. Dodge
Calcium intake in the first five days of life in the low birthweight infant. M. Moya and E. Doménech
Failure to thrive or failure to rear? M. J. O’Callaghan and D. Hull
Pyridoxol metabolism in vitamin B6-responsive convulsions of early infancy. A. Heceley, R. J. P. Pugh, Barbara E. Clayton, Jean Shepherd, and J. Wilson

Current topics
Hazards to children in traffic: a paediatrician looks at road accidents. R. H. Jackson

Short reports
Immunodeficiency associated with laevocardia, bronchiectasis, and paranatal sinus anomalies. R. K. Chandra
Spontaneous maturation of stage IV-S neuroblastoma. L. Rangecroft, I. Lauder, and J. Wagget
Hyponagmagnesaemic hypocalcaemia with hypokalaemia caused by treatment with high dose gentamicin. C. J. H. Kelner, W. S. Taor, D. J. Reynolds, D. R. Smith, B. M. Slavin, and C. G. D. Brook
Infrared irradiance from phototherapy units and the effect on osmolality of serum and urine in term infants. A. Habel and I. Swann

Thermometers and rectal perforations in the neonate. J. D. Frank and S. Brown
Correspondence
British Paediatric Association
Scottish Paediatric Society
Book reviews

No. 11 November 1978

Original articles
Reappraisal of linoleic acid requirement of the young infant, with particular regard to use of modified cows' milk formulae. D. J. Naismith, Susan P. Deeprose, G. Supramaniam, and M. J. H. Williams

Variations in the resting oxygen consumption of small babies. N. Rutter, S. M. Brown, and D. Hull

Nonphysiological anaemia of prematurity. C. A. J. Wardrop, Barbara M. Holland, K. E. Anne Veale, J. G. Jones, and O. P. Gray

Immunological events in acute measles influencing outcome. H. M. Coovadia, A. Wesley, and P. Brain

Cystic fibrosis, atopy, and airways lability. M. Silverman, F. D. R. Hobbs, I. R. S. Gordon, and F. Carswell


Chest wall sarcoma of childhood with a good prognosis. A. J. Barson, A. Ahmed, A. A. M. Gibson, and A. M. MacDonald


Significance of raised immunoglobulin M levels in cord blood of small-for-gestational-age infants. T. G. Matthews and C. O'Hernly


Relationship between clinical features of tricyclic antidepressant poisoning and plasma concentrations in children. P. Crome and R. A. Braithwaite

Short reports
Congenital nephrogenic diabetes insipidus in a baby girl. R. L. Schreiner, P. R. Skafish, S. K. Anand, and J. D. Northway

Heart failure apparently due to overfeeding in a neonate. F. Eyal, C. Maayan, and S. Godfrey

Adenoidectomy: an evaluation of the indications. J. Hibbert and P. Stell

A case of paragonimiasis. A. Demetriou and B. M. Phillips

Faecal excretion of oligosaccharides and other carbohydrates in normal neonates. R. K. Whyte, Rosanna Homer, and C. A. Pennock

Correspondence

No. 12 December 1978

Original articles
Werdig-Hoffmann disease: the effects of intrauterine onset on lung growth. Mary Cunningham and Janet Stocks

Milk pH, acid base status, and growth in babies. H. M. Berger, P. H. Scott, Carolyn Kenward, P. Scott, and B. A. Wharton

Mineral and trace metal supplement for use with synthetic diets based on comminuted chicken. Janet M. Thorn, P. J. Aggett, H. T. Delves, and Barbara E. Clayton

Improved accuracy of lactose tolerance test in children, using expired H₂ measurement. A. C. Douwes, J. Fernandes, and H. J. Degenhart

Serum theophylline levels in asthmatic children after oral administration of two slow-release theophylline preparations. Sheila McKenzie and E. Baillie


Hypothalamic-pituitary hormone insufficiency associated with cleft lip and palate. A. Roitman and Z. Laron

Short reports

Use of salbutamol powder in childhood asthma. W. Lenney, A. D. Milner, and E. J. Hiller

Depigmented hair: the earliest sign of tuberous sclerosis. R. C. McWilliam and J. B. P. Stephenson

Bone growth in thalassaemic children. P. Lapatsanis, A. Divoli, Helene Georgaki, S. Pantelakis, and S. Doxiadis

Epileptic laughter with precocious puberty. M. Williams, W. Schutt, and D. Savage

Correspondence

Book reviews

Index