

# ARCHIVES OF DISEASE IN CHILDHOOD

*Annotation*

Breast Milk and Defence Against Infection in the Newborn  
*L. A. Hanson and J. Winberg*

845

*Review Article*

Dental Caries *W. H. Bowen*

849

Spina Bifida Cystica: Results of Treatment of 270 Consecutive Cases with Criteria for Selection for the Future  
*J. Lorber*

854

Asthma—The Physiological and Clinical Spectrum in Childhood: Respiratory Function Studies in its Assessment *D. J. Hill, L. I. Landau, K. N. McNicol, and P. D. Phelan*

874

Standardization of Exercise Tests in Asthmatic Children *M. Silverman and Sandra D. Anderson with the assistance of Tina Andrea*

882

Serum IgE in Asthmatic Children: Relation to Age, Sex, Eczema, and Skin Sensitivity Tests *C. B. S. Wood and J. Oliver*

890

Chronic Chest Disease in Australian Aboriginal Children *G. M. Maxwell*

897

Bacterial Flora of Respiratory Tract in Patients with Cystic Fibrosis, 1950–1971 *Margaret M. Mearns, G. H. Hunt, and R. Rushworth*

902

Bacterial Infection in Cystic Fibrosis *J. R. May, N. C. Herrick, and Deirdre Thompson*

908

Congenital Hypothyroidism: Aetiological and Clinical Aspects *J. Mäenpää*

914

Ketotic (Idiopathic Glucagon Unresponsive) Hypoglycaemia: Catecholamine Excretion and Effects of Ephedrine Therapy *A. L. Rosenbloom and C. M. Tiwary*

924

Clinical Pharmacology of Gentamicin in the Newborn Infant *R. D. G. Milner, Julia Ross, D. J. R. Froud, and J. A. Davis*

927

Influence of Donor Blood Temperature on Metabolic and Hormonal Changes During Exchange Transfusion *R. D. G. Milner, M. Fekete, J. S. Hodge, and R. Assan*

933

Neonatometer: A New Infant Length Measurer *D. P. Davies and R. E. Holding*

938

Total Body Water Content of Neonates with Obstruction of Alimentary Tract *S. Tsingoglou, Harriett Phillips, and A. W. Wilkinson*

941

Weight Gain and Chemical Changes in Low Birthweight Infants After Change from Human Milk to Modified Cow's Milk *D. P. Davies, R. Saunders, and O. P. Gray*

946

Collateral Circulation in Coarctation of Aorta in Infancy and Childhood *R. Mathew, G. Simon, and M. Joseph*

950

Use of 5-Fluorocytosine in Systemic Candidiasis in Infancy *M. Isacson, Z. Noah, J. Faber, Y. Herishano, and L. Gottfried*

954

*Personal Practice*  
Congenital Anomalies of the Anus and Rectum *A. W. Wilkinson*

960

*Short Reports*

Difficulty in Showing Mosaicism in the Mother of Three Mongols *G. R. Sutherland, Margaret G. Fitzgerald, and D. M. Danks*

970

Dizygotic Twins with Down's Syndrome *D. W. Fielding and S. Walker*

971

Septo-optic Dysplasia with Growth Hormone Deficiency (De Morsier Syndrome) *R. J. Harris and L. Haas*

973

Malignant Nonchromaffin Paraganglioma *P. De Buse*

976

Evaluation of Dip Inoculum Urine Culture *J. D. Baum, J. H. Darrell, and R. A. Lambert*

977

Birthweight Distribution in Congenital Pyloric Stenosis *A. Czeizel*

978

Accidental Poisoning with Thyroid Extract Treated by Exchange Transfusion *P. Gerard, P. Malvaux, and M. De Visscher*

980

Raised Immunoglobulin Levels and Thrombocytosis in Infantile Cortical Hyperostosis *I. J. Temperley, S. J. Douglas, and J. P. R. Rees*

982

Correspondence

984

Book Reviews

986

Index

987

<i>Annotation</i>	
<b>Cystic Fibrosis—Assessing the Effects of Treatment.</b> D. Lawson .. .. .	1
<b>Treatment and Prevention of Pulmonary Complications of Cystic Fibrosis in Infancy and Early Childhood.</b> Margaret B. Mearns .. .. .	5
<b>Children with Small Chests.</b> D. Hull and N. D. Barnes .. .. .	12
<b>Intussusception in Infancy and Childhood in Southern Africa. A Review of 223 Cases.</b> Margaret J. Mayell .. .. .	20
<b>Gut Lesions in Fabry's Disease Without a Rash.</b> D. M. Flynn, B. D. Lake, C. B. Boothby, and Elisabeth P. Young .. .. .	26
<b>Experience of Routine Live-birth Screening for Galactosaemia in a British Hospital, with Emphasis on Heterozygote Detection.</b> G. Ellis, A. R. Wilcock, and D. M. Goldberg .. .. .	34
<b>Ketosis in Hepatic Glycogenesis.</b> J. Fernandes and N. A. Pikaar .. .. .	41
<b>Neuropathological Observations in a Patient with Carbamylphosphate-synthetase Deficiency and in Two Sibs.</b> E. J. Ebels .. .. .	47
<b>Saccharopinuria.</b> O. Simell, J. K. Visakorpi, and Märta Donner .. .. .	52
<b>Role of Chemical Examination of the Stool in Diagnosis of Sugar Malabsorption in Children.</b> P. Soeparto, E. A. Stobo, and J. A. Walker-Smith .. .. .	56
<b>Diagnosis of Congenital Adrenal Hyperplasia by Measurement of Plasma 17-Hydroxyprogesterone.</b> N. D. Barnes and Shelia M. Atherden .. .. .	62
<b>Functional Tests of Adrenal Axis in Children with Measurement of Plasma Cortisol by Competitive Protein Binding.</b> N. D. Barnes, Jennifer M. Joseph, Shelia M. Atherden, and Barbara E. Clayton .. .. .	66
<b>Urinary Total Hydroxyproline: Creatinine Ratio. Range of Normal, and Clinical Application in British Children.</b> B. A. Wharton, G. Gough, Angela Williams, Sheila Kitts, and C. A. Pennock .. .. .	74
<b>Variation of Small Intestinal Morphology with Age.</b> John Walker-Smith .. .. .	80
<b>Nephronophthisis. Report of 8 Cases from Britain.</b> A. A. M. Gibson and G. C. Arneil .. .. .	84
<b>Immunologically Reactive Equivalents of Fibrinogen in Sera and Urine of Children with Renal Disease.</b> H. Ekert, T. M. Barratt, C. Chantler, and M. W. Turner .. .. .	90
<b>Herpes Simplex Virus Infection in the Newborn.</b> O. Pettay, P. Leinikki, M. Donner, and K. Lapinleimu .. .. .	97
<b>Tachyarrhythmia in Severe Imipramine Overdose Controlled by Practolol.</b> K. G. E. Brown, H. U. S. McMichen, and D. S. Briggs .. .. .	104
<b>Effect of Diazepam Administered to Mothers During Labour on Temperature Regulation of Neonate.</b> J. R. Owen, S. F. Irani, and A. W. Blair .. .. .	107
<b>Intravenous Glucose Tolerance and Plasma Insulin Studies in Small-for-dates Infants</b> Marthe A. Le Dune .. .. .	111
<b>Achalasia of the Cardia in Sibs.</b> N. Dayalan, Laxmi Chettur, and M. S. Ramakrishnan .. .. .	115
<b>Syndrome of Growth Resistance, Obesity, and Intellectual Impairment with Precocious Puberty.</b> D. R. MacMillan, C. B. Kim, and B. Weisskopf .. .. .	119
<b>Familial Occurrence of Letterer-Siwe Disease.</b> E. Freundlich, Sarah Amit, Y. Montag, H. Suprun, and Sara Nevo .. .. .	122
<i>Personal Practice</i>	
<b>Immigrant Children and the Day-to-day Work of a Paediatrician.</b> M. W. Arthurton .. .. .	126
<i>Short Reports</i>	
<b>Screening for Cystic Fibrosis by Testing Meconium for Albumin.</b> A. R. R. Cain, A. M. Deall, and T. C. Noble .. .. .	131
<b>Anomalous Sweat Chloride Levels in Cystic Fibrosis During Antibiotic Therapy.</b> A. D. Griffiths and F. E. Bull .. .. .	132
<b>Transient Neonatal Hyperglycaemia, Hyperlipidaemia, and Hypermethioninaemia.</b> N. M. Drayer and J. P. Dickinson .. .. .	134
<b>Congenital Absence of Pituitary Gland and Adrenal Hypoplasia.</b> M. W. Moncrieff, D. S. Hill, J. Archer, and L. J. H. Arthur .. .. .	136
<b>Failure to Detect the Carrier in Congenital Nephrogenic Diabetes Insipidus.</b> W. S. Uttley and D. Thistlethwaite .. .. .	137
<b>Hyperlipidaemia During Persistent Peritoneal Dialysis.</b> I. Matsuda, T. Maeda, A. Takase, and S. Arashima .. .. .	139
<b>Renal Concentrating Ability in 5-year-old Girls with Covert Bacteriuria.</b> D. C. L. Savage, Margaret I. Wilson, and W. M. Fee .. .. .	141
<b>Treatment of Infected Surface Lesions with Sulfamylon Acetate Cream.</b> R. J. Holt, R. L. Newman, and C. H. Frankcombe .. .. .	143
<b>New Urban Families</b> .. .. .	146
<b>Paediatric Research Society</b> .. .. .	149
<b>Correspondence</b> .. .. .	155
<b>Book Reviews</b> .. .. .	156

<i>Annotation</i>		
<b>Cytotoxic Agents in Childhood Glomerulonephritis.</b> M. Barratt .. .. .		159
<i>Review Article</i>		
<b>Investigation of Degenerative Disease of the Central Nervous System.</b> J. Wilson		163
<b>Aetiological Aspects of Febrile Convulsions: Pregnancy and Perinatal Factors.</b> Sheila J. Wallace .. .. .		171
<b>Effect of Glucose on Plasma Glucagon, Growth Hormone, and Insulin in Exchange Transfusion.</b> R. D. G. Milner, M. Fekete, R. Assan, and J. S. Hodge .. .. .		179
<b>Glucagon, Insulin, and Growth Hormone Response to Exchange Transfusion in Premature and Term Infants.</b> R. D. G. Milner, M. Fekete, and R. Assan .. .. .		186
<b>Histidinaemia: Study of Relation Between Clinical and Biological Findings in 7 Subjects.</b> B. G. R. Neville, A. Bentovim, Barbara E. Clayton, and Jean Shepherd		190
<b>Some Problems in Surgical Management of Children with Hiatus Hernia.</b> J. Lari and J. Lister .. .. .		201
<b>Meconium Ileus: Immediate and Long-term Survival.</b> J. F. McPartlin, J. A. S. Dickson, and V. A. J. Swain .. .. .		207
<b>Intra-abdominal Injuries in the Battered Baby Syndrome.</b> P. Gornall, S. Ahmed, A. Jolleys, and S. J. Cohen .. .. .		211
<b>Lower Urinary Obstruction in Infancy: A Review of Lesions and Symptoms in 165 Cases.</b> S. Tsingoglou and J. A. S. Dickson .. .. .		215
<b>66 Infants with Urinary Tract Infection in First Month of Life.</b> J. M. Littlewood ..		218
<b>Sex Differences in Childhood Urinary Tract Infection.</b> T. Bergström .. .. .		227
<b>Zonal Colonic Aganglionosis, a Variant of Hirschsprung's Disease.</b> A. G. MacIver and R. Whitehead .. .. .		233
<b>Constipation in Childhood Coeliac Disease.</b> Bridget Egan-Mitchell and B. McNicholl		238
<b>Effect of Albumin Administration on Phototherapy for Neonatal Jaundice.</b> Y. K. Wong, G. R. Shuttleworth, and B. S. B. Wood .. .. .		241
<b>Blood Sugar Changes in Neonatal Hyperbilirubinaemia and Phenobarbitone Therapy.</b> C. Y. Yeung .. .. .		246
<b>Albumin in Management of Neonatal Hyperbilirubinaemia.</b> Y. C. Tsao and V. Y. H. Yu .. .. .		250
<b>High Calorie/Osmolar Feeding and Hypertonic Dehydration.</b> L. S. Taitz and H. D. Byers .. .. .		257
<b>Haemoglobin Levels in Normal Infants Aged 3 to 24 Months, and the Effect of Iron.</b> D. Burman .. .. .		261
<b>Daunorubicin: Results in Childhood Leukaemia.</b> Rae N. Matthews and J. H. Colebatch		272
<b>Medullary Cystic Disease and Juvenile Nephronophthisis in Separate Members of the Same Family.</b> M. J. Sworn and A. J. Eisinger .. .. .		278
<b>Opsonic Activity, Phagocytosis, and Bactericidal Capacity of Polymorphs in Under- nutrition.</b> V. Seth and R. K. Chandra .. .. .		282
<b>Neuronal Ceroid Lipofuscinosis (Batten's Disease).</b> N. S. Gordon, H. B. Marsden, and and M. J. Noronha .. .. .		285
<i>Personal Practice</i>		
<b>Coeliac Disease: Some Still Controversial Aspects.</b> Charlotte M. Anderson, M. Gracey, and Valerie Burke .. .. .		292
<i>Short Reports</i>		
<b>Paroxysmal Cold Haemoglobinuria Following Measles Immunization.</b> C. Bunch, F. C. M. Schwartz, and G. W. G. Bird .. .. .		299
<b>Intrahepatic Gas Shadows in Neonatal Duodenal Obstruction.</b> D. G. Shaw		300
<b>Incidence of Salt-losing Form of Congenital Virilizing Adrenal Hyperplasia.</b> Q. H. Qazi and Margaret W. Thompson .. .. .		302
<b>Quinine Intoxication in a Child Treated by Exchange Transfusion.</b> A. W. Burrows, G. Hambleton, M. J. Hardman, and B. D. R. Wilson .. .. .		304
<b>A Case of Fetus in Fetu.</b> S. P. Lamabadusuriya, A. W. Atukorale, Priyani E. Soysa, and P. R. Walpita .. .. .		305
<b>Plasma Growth Hormone in Patients with Chromosomal Anomalies.</b> R. H. A. Ruvalcaba, H. C. Thuline, and V. C. Kelley .. .. .		307
<b>Folic Acid Replacement in Folate-deficient Children on Anticonvulsants.</b> J. R. Moore and E. W. Ball .. .. .		309
<b>Trimethoprim/Sulphamethoxazole in Pertussis: Comparison with Tetra- cycline.</b> K. J. Adcock, S. Reddy, O. A. Okubadejo, and D. Montefiore .. .. .		311
<b>Neonatal Society .. .. .</b>		314
<b>Scottish Paediatric Society .. .. .</b>		315
<b>British Paediatric Association and British Association of Paediatric Surgeons ..</b>		317
<b>European Society for Paediatric Nephrology .. .. .</b>		319
<b>Correspondence .. .. .</b>		321
<b>Book Reviews .. .. .</b>		326

<i>Annotation</i>	
<b>House Dust Mites and Allergy.</b> A. W. Frankland .. .. .	327
<b>Clinical and Social Status of Patients with Congenital Rubella.</b> Shirley M. Gumpel	330
<b>Diencephalic Syndrome of Infantile Emaciation. Analysis of Literature and Report of Further 3 Cases.</b> D. P. Addy and F. P. Hudson .. .. .	338
<b>Encephalopathy in Acute Leukaemia Associated with Methotrexate Therapy.</b> H. E. M. Kay, P. J. Knapton, J. P. O'Sullivan, D. G. Wells, Ruth F. Harris, Elizabeth M. Innes, J. Stuart, F. C. M. Schwartz, and Eileen N. Thompson .. .. .	344
<b>Calcifications of the Carotid Siphon—A Common Finding in Infancy and Childhood.</b> W. W. Meyer and J. Lind .. .. .	355
<b>Calcifications of Iliac Arteries in Newborns and Infants.</b> W. W. Meyer and J. Lind ..	364
<b>Growth of Radiologically Determined Heart Diameter, Lung Width, and Lung Length from 5-19 Years, with Standards for Clinical Use.</b> G. Simon, Lynne Reid, J. M. Tanner, H. Goldstein, and B. Benjamin .. .. .	373
<b>Serum IgM in Diagnosis of Infection in the Newborn.</b> S. A. Haider .. .. .	382
<b>Polymorphonuclear Leucocyte Count in Diagnosis of Infection in the Newborn.</b> S. A. Haider .. .. .	394
<b>Families of Children with Repeated Accidents.</b> P. Husband and Pat E. Hinton ..	396
<b>Premature Rupture of Membranes and Effects of Prophylactic Antibodies.</b> A. H. Habel, G. S. Sandor, Nancy K. Conn, and W. M. McCrae .. .. .	401
<b>Changes in Heart Rate, Blood Pressure, and Pulse Pressure During Apnoeic Attacks in Newborn Babies.</b> D. J. Girling .. .. .	405
<b>Intestinal Absorption of Immunoglobulins by Newborn Infants.</b> Leela Iyengar and R. J. Selvaraj .. .. .	411
<b>Conjugation Inhibitors and Early Neonatal Hyperbilirubinaemia.</b> A. P. Cole and T. Hargreaves .. .. .	415
<b>Time Course of Effect of Disodium Cromoglycate on Exercise-induced Asthma.</b> M. Silverman and Tina Andrea .. .. .	419
<b>Generalized Bronchiectasis Due to Extensive Deficiency of Bronchial Cartilage.</b> H. E. Williams, L. I. Landau, and P. D. Phelan .. .. .	423
<b>Lymphocyte Transformation in Malnourished Children.</b> Erica Sellmeyer, E. Bhattay, A. S. Truswell, O. L. Meyers, and J. D. L. Hansen .. .. .	429
<b>Urinary Concentrating Ability and Growth Failure in Urinary Tract Disorders.</b> W. S. Uttley, Jane Paxton, and D. Thistlethwaite .. .. .	436
<b>Increased Excretion of 5-Hydroxyindoleacetic Acid in Urine of Children with Untreated Coeliac Disease.</b> D. N. Challacombe, G. A. Brown, S. C. Black, and M. H. Storrie .. .. .	442
<b>Deaths from Acute Lead Poisoning.</b> F. W. Alexander and H. T. Delves .. .. .	446
<i>Preliminary Communication</i>	
<b>Galactocerebrosidase Deficiency in Globoid Cell Leucodystrophy of Late Onset.</b> Elisabeth Young, J. Wilson, A. D. Patrick, and L. Crome .. .. .	449
<i>Personal Practice</i>	
<b>Management of the Haemophilic Child.</b> C. R. Rizza and J. M. Matthews .. .. .	451
<i>Short Reports</i>	
<b>Oral Manifestations of Letterer-Siwe Disease.</b> P. R. Betts and A. S. McNeish	463
<b>Treatment of Pneumothorax in the Newborn Infant.</b> A. Ramachandra and G. Russell .. .. .	464
<b>Comparison of Pyrantel Pamoate with Other Anthelmintic Drugs.</b> R. J. Rahmatoola, M. A. Halim, F. A. Lari, T. Ahmed, R. Shamim, and M. Suleman ..	465
<b>Hyperosmolar Dehydration in Infancy Due to Faulty Feeding.</b> G. M. Stern, R. B. Jones, and A. C. L. Fraser .. .. .	468
<b>Congenital Hypothyroidism and Neonatal Jaundice.</b> A. P. Weldon and D. M. Danks .. .. .	469
<b>Infantile Cortical Hyperostosis with Lytic Lesions in the Skull.</b> R. D. H. Boyd, D. G. Shaw, and B. M. Thomas .. .. .	471
<b>Renal Cortical Necrosis in an Infant.</b> A. Moschos, C. Danelatou-Athanassiadou, F. Tzortzatou, and C. Katerelos .. .. .	472
<b>Cytomegalovirus Infection as Acute Haemolytic Anaemia in an Infant.</b> A. J. Franklin .. .. .	474
<b>Correspondence</b> .. .. .	476
<b>Book Reviews</b> .. .. .	477

**Review Article**

<b>Maternal Nutrition and Prenatal Growth: Experimental Studies of Effects of Maternal Undernutrition on Fetal and Placental Growth.</b> Jo Anne Brasel and M. Winick	479
<b>Renal Transplantation in Children: Analysis of 25 Consecutive Transplants in 19 Recipients.</b> B. Hulme, J. R. Kenyon, K. Owen, M. Snell, J. F. Mowbray, K. A. Porter, S. J. Starkie, H. Muras, and W. S. Peart	486
<b>Sodium, Calcium, and Magnesium Levels in Nails of Children with Cystic Fibrosis of the Pancreas.</b> P. J. Leonard and W. P. Morris	495
<b>Pulmonary Resection in Cystic Fibrosis: Results in 23 Cases, 1957-1970.</b> Margaret B. Mearns, C. J. Hodson, A. D. M. Jackson, E. M. Haworth, T. H. Sellors, M. Sturridge, N. E. France, and Lynne Reid	499
<b>Pulmonary Fibroplasia in Newborn Babies Treated with Oxygen and Artificial Ventilation.</b> C. K. Banerjee, D. J. Girling, and J. S. Wigglesworth	509
<b>Heights, Weights, and Skeletal Age of Jamaican Adolescents with Sick Cell Anaemia.</b> M. T. Ashcroft, G. R. Serjeant, and P. Desai	519
<b>Hypothermia in Malnourished Jamaican Children.</b> O. G. Brooke	525
<b>Comparison of Three Methods Used in Assessment of Carbohydrate Absorption in Malnourished Children.</b> W. P. T. James	531
<b>Effects of Fetal Exposure to Diazoxide in Man.</b> R. D. G. Milner and S. K. Chouksey	537
<b>Ketotic (Idiopathic Glucagon Unresponsive) Hypoglycaemia: Diazoxide Effects.</b> A. L. Rosenbloom	544
<b>Serial Determinations of Blood Lactate in Respiratory Distress Syndrome.</b> J. P. Beca and J. W. Scopes	550
<b>Hepatic Glycogen Synthetase Deficiency: Further Studies on a Family.</b> J. R. W. Dykes and J. Spencer-Peet	558
<b>Coagulation Studies in Preterm Infants with Respiratory Distress and Intracranial Haemorrhage.</b> J. M. Chessells and J. S. Wigglesworth	564
<b>Clinical and Laboratory Study of Children Exposed <i>in utero</i> to Maternal Rubella.</b> Catherine S. Peckham	571
<b>Exercise-induced Bronchial Lability in Children with a History of Wheezy Bronchitis.</b> P. König, S. Godfrey, and A. Abrahamov	578
<b>Genetics of Atrial Septal Defect.</b> A. Sánchez Cascos	581
<b>Growth and Bone Age of Juvenile Diabetics.</b> N. Evans, V. P. Robinson, and J. Lister	589
<b>Food Antibodies in Serum—A Screening Test for Coeliac Disease.</b> F. Carswell and A. Ferguson	594
<b>Cushing's Syndrome in Childhood: Postoperative Management.</b> S. Raiti, D. B. Grant, D. I. Williams, and G. H. News	597
<b>Circadian Variation in Plasma 17-Hydroxyprogesterone in Patients with Congenital Adrenal Hyperplasia.</b> Shelia M. Atherden, N. D. Barnes, and D. B. Grant	602
<b>Night and Day Growth Hormone Levels During Treatment with Corticosteroids and Corticotrophin.</b> S. N. Pantelakis, C. A. Sinaniotis, S. Sbirakis, D. Ikkos, and S. A. Doxiadis	605
<b>Rh Blood Group of Grandmother and Incidence of Erythroblastosis.</b> J. M. Ramos de Almeida and Lino Rosado	609
<b>Estimation of Glomerular Filtration Rate from Plasma Clearance of 51-Chromium Edetic Acid.</b> C. Chantler and T. M. Barratt	613
<b>Serum Immunoglobulin Levels in Children with Acute Lymphoblastic Leukaemia and Their Mothers and Sibs.</b> R. K. Chandra	618
<b>Sequential Trial of Effect of Phenobarbitone on Serum Bilirubin of Preterm Infants.</b> F. Carswell, M. M. Kerr, and I. R. Dunsmore	621
<b>Effect of Trimethoprim-Sulphamethoxazole Combination on Folate Metabolism in Malnourished Children.</b> E. M. E. Poskitt and J. M. Parkin	626
<b>Effect of Folic Acid Treatment on Premature Infants.</b> P. M. M. Roberts, D. E. Arrowsmith, A. V. C. Lloyd, and M. E. Monk-Jones	631
<b>X-Chromosome Linked Inheritance of Decreased Thyroxine-binding Globulin.</b> P. Malvaux and Ph. De Nayer	635
<b>Significance of the Single Umbilical Artery: A Clinical, Radiological, Chromosomal, and Dermatoglyphic Study.</b> R. F. Vlietinck, M. Thiery, E. Orye, A. de Clercq, and P. van Vaerenbergh	639
<b>Cytomegalovirus Mononucleosis in Chinese Infants.</b> W. Y. Lui and W. K. Chang	643
<b>Meningitis and Encephalitis Associated with Mumps Infection: A 10-Year Survey</b> J. A. Johnstone, Constance A. C. Ross, and Margaret Dunn	647
<b>Cellular Development of Some Human Organs Before Birth.</b> E. M. Widdowson, D. E. Crabb, and R. D. G. Milner	652
<b>Biliary Atresia Associated with Prenatal Infection by <i>Listeria Monocytogenes</i>.</b> D. M. O. Becroft	656
<b>Personal Practice</b>	
<b>The Management of Acute Croup.</b> R. S. Jones	661
<b>Neonatal Society</b>	669
<b>Paediatric Research Society</b>	670
<b>Correspondence</b>	676
<b>Book Reviews</b>	677

<i>Annotation</i>		
<b>Neonatal Hypoglycaemia—A Critical Reappraisal.</b>	R. D. G. Milner .. .. .	679
<i>Review Article</i>		
<b>Regulation of Erythropoiesis in the Fetus and Newborn.</b>	P. H. Finne and S. Halvorsen	638
<b>Duodenal Ulcer in Children.</b>	J. D. A. Robb, P. S. Thomas, J. Orszulok, and G. W. Odling-Smee .. .. .	688
<b>Confidential Inquiry into 226 Consecutive Infant Deaths.</b>	I. D. G. Richards and Helen T. McIntosh .. .. .	697
<b>Lung Mechanics in Normal Infants and Infants with Congenital Heart Disease.</b>	Geraldine Howlett .. .. .	707
<b>Pigeon Fancier's Lung in Children.</b>	S. Chandra and H. E. Jones .. .. .	716
<b>Postductal Coarctation of Aorta Causing Myocardial Ischaemia and Heart Failure in First Week of Life.</b>	K. A. Hallidie-Smith .. .. .	719
<b>Murmur of Persistent Ductus Arteriosus in Premature Infants.</b>	K. A. Hallidie-Smith	725
<b>Clicks, Whoops, and Honks.</b>	D. Pickering .. .. .	731
<b>Gastric Aspirate Findings in Neonatal Pneumonia.</b>	C. Y. Yeung and Anita S. Y. Tam	735
<b>Leucocyte Blood Picture in Ill Newborn Babies.</b>	Marietta Xanthou .. .. .	741
<b>Blood Neutrophil Response to Bacterial Infection in First Month of Life.</b>	Jill Gregory and E. Hey .. .. .	747
<b>Response to Glucagon in Small-for-dates Hypoglycaemic and Non-hypoglycaemic Newborn Infants.</b>	Marthe A. Le Dune .. .. .	754
<b>Australia Antigen and Antibody in Transfused Children with Thalassaemia.</b>	A. Vierucci, W. T. London, B. S. Blumberg, A. I. Sutnick, and F. Ragazzini .. .. .	760
<b>Coagulation Studies in Haemolytic Uraemic Syndrome.</b>	M. L. N. Willoughby, Anna V. Murphy, Sheila McMorris, and F. G. Jewell .. .. .	766
<b>Haemoglobin Levels in Cardiff Children of Nursery School Age.</b>	D. M. D. Evans, J. Lewis, and Enid Curran .. .. .	772
<b>Sonar and its Use in Kidney Disease in Children.</b>	E. A. Lyons, A. V. Murphy, and G. C. Arneil .. .. .	777
<b>Abnormal Facies, Myopia, and Short Stature.</b>	C. G. Keith, R. H. Dobbs, D. G. Shaw, and L. Cottrall .. .. .	787
<b>Nephrogenic Diabetes Insipidus: Effects of 3, 5, Cyclic-adenosine Monophosphate.</b>	N. F. Jones, M. A. Barraclough, N. Barnes, and D. G. Cottom .. .. .	794
<b>Absorption of Amino Acids and Peptides in a Child with a Variant of Hartnup Disease and Coexistent Coeliac Disease.</b>	M. J. Tarlow, J. W. T. Seakins, June K. Lloyd, D. M. Matthews, B. Cheng, and A. J. Thomas .. .. .	798
<b>Pycnodysostosis: A Variant Form with Visceral Manifestations.</b>	K. Kozlowski and J. S. Yu .. .. .	804
<b>Serum Lipids and Lipoproteins in Children from Families with Early Coronary Heart Disease.</b>	I. Tamir, Y. Bojanower, O. Levtow, D. Heldenberg, Z. Dickerman, and B. Werbin .. .. .	808
<i>Personal Practice</i>		
<b>Treatment of Acute Lymphoblastic Leukaemia.</b>	L. F. Sinks .. .. .	811
<i>Short Reports</i>		
<b>Effect of Exchange Transfusions on Plasma Digoxin Levels.</b>	D. J. Coltart, D. Watson, and M. R. Howard .. .. .	814
<b>Automated Method for Exchange Transfusion.</b>	M. G. Philpott and A. Banerjee .. .. .	815
<b>Hypothermia and Coagulation Defects in the Newborn.</b>	M. A. Chadd and O. P. Gray .. .. .	819
<b>Purpura Necrotica as a Complication of Ventriculoatrial Shunts in Hydrocephalus.</b>	A. T. Shennan .. .. .	821
<b>Controlled Measures of Exploratory Movement in a Coeliac Child During Gluten Withdrawal.</b>	D. N. Challacombe, M. J. MacCulloch, and C. J. Birtles	823
<b>Spinal Cord Compression as a Complication of Haemophilia.</b>	Marjorie L. Keely, N. Taylor, and R. L. Chard, Jr.	826
<b>Histiocytoma Presenting as Swelling on the Toe.</b>	D. Spencer and J. D. Wrighton .. .. .	828
<b>Glycogen Storage Disease, Type VIII.</b>	M. Ludwig, S. Wolfson, and O. Rennert	830
<b>Direct Current Cardioversion in a Case of Congenital Atrial Flutter.</b>	R. P. C. Barclay and D. G. D. Barr .. .. .	833
<b>Scottish Paediatric Society</b>	.. .. .	835
<b>Correspondence</b>	.. .. .	836
<b>Book Reviews</b>	.. .. .	839

<i>Annotation</i>		
<b>Breast Milk and Defence Against Infection in the Newborn.</b> L. Å. Hanson and J. Winberg .. .. .		845
<i>Review Article</i>		
<b>Dental Caries.</b> W. H. Bowen .. .. .		849
<b>Spina Bifida Cystica: Results of Treatment of 270 Consecutive Cases with Criteria for Selection for the Future.</b> J. Lorber .. .. .		854
<b>Asthma—The Physiological and Clinical Spectrum in Childhood: Respiratory Function Studies in its Assessment.</b> D. J. Hill, L. I. Landau, K. N. McNicol, and P. D. Phelan .. .. .		874
<b>Standardization of Exercise Tests in Asthmatic Children.</b> M. Silverman and Sandra D. Anderson with the assistance of Tina Andrea .. .. .		882
<b>Serum IgE in Asthmatic Children: Relation to Age, Sex, Eczema, and Skin Sensitivity Tests.</b> C. B. S. Wood and J. Oliver .. .. .		890
<b>Chronic Chest Disease in Australian Aboriginal Children.</b> G. M. Maxwell .. .. .		897
<b>Bacterial Flora of Respiratory Tract in Patients with Cystic Fibrosis, 1950-1971.</b> Margaret M. Mearns, G. H. Hunt, and R. Rushworth .. .. .		902
<b>Bacterial Infection in Cystic Fibrosis.</b> J. R. May, N. C. Herrick, and Deirdre Thompson		908
<b>Congenital Hypothyroidism: Aetiological and Clinical Aspects.</b> J. Mäenpää .. .. .		914
<b>Ketotic (Idiopathic Glucagon Unresponsive) Hypoglycaemia: Catecholamine Excretion and Effects of Ephedrine Therapy.</b> A. L. Rosenbloom and C. M. Tiwary .. .. .		924
<b>Clinical Pharmacology of Gentamicin in the Newborn Infant.</b> R. D. G. Milner, Julia Ross, D. J. R. Froud, and J. A. Davis .. .. .		927
<b>Influence of Donor Blood Temperature on Metabolic and Hormonal Changes During Exchange Transfusion.</b> R. D. G. Milner, M. Fekete, J. S. Hodge, and R. Assan		933
<b>Neonatometer: A New Infant Length Measurer.</b> D. P. Davies and R. E. Holding .. .. .		938
<b>Total Body Water Content of Neonates with Obstruction of Alimentary Tract.</b> S. Tsingoglou, Harriett Phillips, and A. W. Wilkinson .. .. .		941
<b>Weight Gain and Chemical Changes in Low Birthweight Infants After Change from Human Milk to Modified Cow's Milk.</b> D. P. Davies, R. Saunders, and O. P. Gray		946
<b>Collateral Circulation in Coarctation of Aorta in Infancy and Childhood.</b> R. Mathew, G. Simon, and M. Joseph .. .. .		950
<b>Use of 5-Fluorocytosine in Systemic Candidiasis in Infancy.</b> M. Isacson, Z. Noah, J. Faber, Y. Herishano, and L. Gottfried .. .. .		954
<i>Personal Practice</i>		
<b>Congenital Anomalies of the Anus and Rectum.</b> A. W. Wilkinson .. .. .		960
<i>Short Reports</i>		
<b>Difficulty in Showing Mosaicism in the Mother of Three Mongols.</b> G. R. Sutherland, Margaret G. Fitzgerald, and D. M. Danks .. .. .		970
<b>Dizygotic Twins with Down's Syndrome.</b> D. W. Fielding and S. Walker .. .. .		971
<b>Septo-optic Dysplasia with Growth Hormone Deficiency (De Morsier Syndrome).</b> R. J. Harris and L. Haas .. .. .		973
<b>Malignant Nonchromaffin Paraganglioma.</b> P. De Buse .. .. .		976
<b>Evaluation of Dip Inoculum Urine Culture.</b> J. D. Baum, J. H. Darrell, and R. A. Lambert .. .. .		977
<b>Birthweight Distribution in Congenital Pyloric Stenosis.</b> A. Czeizel .. .. .		978
<b>Accidental Poisoning with Thyroid Extract Treated by Exchange Transfusion.</b> P. Gerard, P. Malvaux, and M. De Visscher .. .. .		980
<b>Raised Immunoglobulin Levels and Thrombocytosis in Infantile Cortical Hyperostosis.</b> I. J. Temperley, S. J. Douglas, and J. P. R. Rees .. .. .		982
<b>Correspondence</b> .. .. .		984
<b>Book Reviews</b> .. .. .		986
<b>Index</b> .. .. .		987