

INDEXED R.L.W.

ARCHIVES OF DISEASE IN CHILDHOOD.

EDITED BY

HUGH THURSFIELD, D.M., F.R.C.P., and REGINALD MILLER, M.D., F.R.C.P.

WITH THE HELP OF

H. C. CAMERON, M.D., F.R.C.P.

C. MAX PAGE, D.S.O., M.S., F.R.C.S.

H. A. T. FAIRBANK, D.S.O., M.S., F.R.C.S.

LEONARD G. PARSONS, M.D., F.R.C.P.

LEONARD FINDLAY, D.SC., M.D.

G. F. STILL, M.D., F.R.C.P.

A. DINGWALL FORDYCE, M.D., F.R.C.P. EDIN.

EDITOR OF THE *British Medical Journal*.

Vol. 6.

DECEMBER, 1931.

No. 36.

CONTENTS

PAGE

- The Clinical Interpretation of Some Hæmorrhagic States.** By W. G. Wyllie, M.D., M.R.C.P., and R. W. B. Ellis, M.A., M.D. ... 313
- A Case of Severe Anæmia in a New-born Infant.** By Eric Pritchard, M.D., F.R.C.P., and Jean Smith, M.D., M.R.C.P. ... 325
- A Study of the Blood Cholesterol in Childhood.** By Kathleen M. Ward, M.D., L.R.C.P., M.R.C.S. ... 329
- Gangrene in an Infant Associated with Temporary Diabetes.** By R. D. Lawrence, M.A., M.D., M.R.C.P., and R. A. McCance, M.A., M.D., M.R.C.P., Ph.D. ... 343
- The Multiple Puncture Cutaneous Tuberculin Test.** By W. S. Craig, B.Sc., M.B., Ch.B. ... 357
- Studies in Juvenile Rheumatism.** By Christopher J. McSweeney, M.D., D.P.H. 367

Index for Volume VI included.

ISSUED BY THE BRITISH MEDICAL ASSOCIATION.

London: British Medical Association House

Tavistock Square, W.C. 1,

Yearly Subscription (6 numbers), 25/-

Single Number, 4/6

GENERAL ADVISORY BOARD.

H. T. ASHBY (Manchester).	C. P. LAPAGE (Manchester).
A. D. BLACKADER (Montreal).	W. L. MACCORMAC (Balham).
W. R. BRISTOW (London).	HELEN MAYO (N. Adelaide).
ALAN BROWN (Toronto).	T. P. MCMURRAY (Liverpool).
E. CAUTLEY (London).	CHARLES MCNEIL (Edinburgh).
CARRY COOMBS (Bristol).	A. E. NAISH (Sheffield).
GLEN DAVISON (Newcastle-on-Tyne).	D. H. PATERSON (London).
T. Y. FINLAY (Edinburgh).	W. J. PEARSON (London).
G. B. FLEMING (Glasgow).	F. J. POYNTON (London).
Prof. JOHN FRASER (Edinburgh).	T. G. PUGH (Carshalton).
Prof. W. E. GALLIE (Toronto).	F. C. PYBUS (Newcastle-on-Tyne).
Sir ARCHIBALD GARROD, K.C., I.G. (Oxford).	Sir HUMPHRY ROLLESTON, Bt. (Cambridge).
J. F. GASKELL (Cambridge).	J. D. ROLLESTON (London).
G. R. GIRDLESTONE (Oxford).	J. C. SPENCE (Newcastle-on-Tyne).
H. TYRRELL GRAY (London).	E. H. M. STEPHENS (Sydney).
ROBERT HUTCHISON (London).	G. BRUTON SWEET (Auckland, N.Z.).
R. C. JEWESBURY (London).	C. W. VINING (Leeds).
F. S. LANGMEAD (London).	E. H. WILLIAMS (Dunedin).

NOTICE TO SUBSCRIBERS.

Subscriptions are payable to the Financial Manager of the British Medical Association who has charge of all financial matters concerning the ARCHIVES OF DISEASE IN CHILDHOOD. Address: British Medical Association House, Tavistock Square, London, W.C. 1.

NOTICE TO CONTRIBUTORS.

All papers submitted for publication should be sent to Dr. Reginald Miller, 110, Harley Street, W. 1. All other editorial matters should be referred to Dr. Hugh Thursfield, 84, Wimpole Street, W. 1.

Papers sent for publication should be typewritten. Illustrations will usually be inserted in the text itself, and care should be taken that the text is marked to show the desired position of each illustration.

Charts and curves accompanying papers should be carefully drawn, on tracing linen. Any lettering on these drawings should be lightly inserted in pencil.

Contributors will receive one proof in page, but it is assumed that all but verbal corrections have been made in the original manuscript; an allowance at the rate of ten shillings per sheet of sixteen pages is made for alterations in the proof (printer's errors excepted), and contributors will be responsible for any excess.

Contributors will be supplied with reprints of their articles at cost price if application is made when returning proofs. An estimate of costs will be given if desired on application to the Financial Manager of the British Medical Association.

Papers which have been published become the property of the ARCHIVES and permission to republish must be obtained from the Editors.

INDEX TO VOLUME VI.

- Alkali in salicylate therapy, the value of (Noah Morris and Stanley Graham), 273.
- Alkalosis in the vomiting of infancy (Montague Maizels), 293.
- ALLEN, F. M. B. (and H. I. McClure): Study of intracranial hæmorrhage in the new-born infant, 97.
- Anæmia, splenic, familial (S. L. Ludbrook), 239.
- Blindness, night, and nutritional xerophthalmia (J. C. Spence), 17.
- Blood cholesterol in childhood (Kathleen M. Ward), 329.
- Blood, phosphorus compounds and calcium in (Milan Sokolovitch), 183.
- Bone, cystic disease of (Norman Capon), 258.
- BRAY, GEORGE W.: Enuresis of allergic origin, 251, 257.
- British Pædiatric Association, *see* Pædiatric.
- Bronchiectasis, prognosis in (Leonard Findlay and Stanley Graham), 1.
- BROWNE, DENIS: The surgical anatomy of Rammstedt's operation, 129.
- Calcium and the phosphorus compounds in the blood of children, distribution of (Milan Sokolovitch), 183.
- Calcium and phosphorus metabolism in nephritis (Findlay J. Ford), 209.
- CAPON, NORMAN: Cystic disease of bone in an infant, 258.
- Chloride metabolism in congenital pyloric stenosis (Noah Morris and Stanley Graham), 27.
- Cholesterol, blood, in children (Kathleen M. Ward), 329.
- Celiac disease, metabolic studies in (Olive Macrae and Noah Morris), 75—(A. P. Thomson), 258.
- Convulsions in infants (D. W. Winnicott), 257.
- CRAIG, JOHN (and Alexander Mitchell): Spinal tumours in childhood, 11—Malignant hypertension in childhood, 157, 256.
- CRAIG, W. S.: The multiple puncture cutaneous tuberculin test, 357.
- Cystic disease of bone in an infant (Norman Capon), 258.
- Death, sudden, in infancy and childhood (J. M. Smellie), 257.
- DEEM, HELEN EASTERFIELD: The milk of New Zealand women, 53.
- Diabetes, infantile, with gangrene (R. D. Lawrence and R. A. McCance), 343.
- Diet, ketogenic, some effects of (R. W. B. Ellis), 258, 285.
- DODDS, GLADYS H.: Otitis media with purulent meningitis in an infant 9 days old, 71.
- DOOLEY, PARKER: The incidence of undulant fever in children, 235.
- Duodenal obstruction in the new-born, three cases of (C. P. Lapage, Annie E. Somerford, and Fanny Howe), 307.
- Duodenal ulcer, *see* Ulcer.
- Ectopia cordis (K. D. Wilkinson), 257.
- Electrocardiogram of normal school children (C. Bruce Perry), 259.
- ELLIS, R. W. B.: Some effects of a ketogenic diet, 258, 285—(and W. G. Wyllie): The clinical interpretation of some hæmorrhagic states, 313.
- ELLISON, J. B.: Pneumonia in measles, 37.
- Enuresis of allergic origin (George W. Bray), 251, 257.
- Fever, undulant, in children (Parker Docley), 235.
- FINDLAY, LEONARD (and Stanley Graham): Prognosis in bronchiectasis, 1—The incidence of the rheumatic infection, 256.
- FORD, FINDLAY J.: Calcium and phosphorus metabolism in nephritis, 209.
- GAISFORD, WILFRID: Case of congenital hypertrophic pyloric stenosis, 111.
- Gangrene in an infant associated with temporary diabetes (R. D. Lawrence and R. A. McCance), 343.
- GIBBENS, J. HARTLEY: The primary infection of tuberculosis, 258.
- GRAHAM, STANLEY (and Leonard Findlay): Prognosis in bronchiectasis, 1—(and Noah Morris): The chloride metabolism in congenital pyloric stenosis, 27—The value of alkali in salicylate administration, 256—(and Noah Morris): The value of alkali in salicylate therapy, 273.
- GREGORY, HAZEL H. CHODAK: Two cases of sub-acute hepatic necrosis, 101.
- Growing pains, race, rheumatism and (J. C. Hawksley), 303.
- Hæmorrhage, intracranial, in the new-born infant (F. M. B. Allen and H. I. McClure), 97.
- Hæmorrhagic states, clinical interpretations of some (W. G. Wyllie and R. W. B. Ellis), 313.
- HAMPSON, A. C.: Tumours of the parathyroid glands, 257.
- HARRISON, L. PRISCILLA: A case of perforated duodenal ulcer in an infant, 245.
- HAWKSLEY, J. C.: Race, rheumatism and growing pains, 303.
- Heart, congenital anomalies of in elementary school children, 265.
- Hepatic necrosis, sub-acute (Hazel H. Chodak Gregory), 101.
- HOWE, FANNY (C. P. Lapage and Annie E. Somerford): Three cases of duodenal obstruction in the new-born, 307.
- HUTCHISON, ROBERT: Neoplasm of suprarenal cortex in an infant of 4½ months, 257.
- Hydrocephalus, treatment of (Eric Pritchard), 258.
- Hypertension, malignant, in childhood (John Craig), 157, 256.
- Jaundice in infancy (R. C. Jewesbury), 256.
- JEWESBURY, R. C.: Two cases of jaundice in infancy, 256.
- Ketogenic diet, *see* Diet.
- LANGMEAD, F.: Role of hæmolytic streptococci in the causation of arthritic purpuras, 255.
- LAPAGE, C. P. (Annie E. Somerford and Fanny Howe): Three cases of duodenal obstruction in the new-born, 307.
- LAWRENCE, R. D. (and R. A. McCance): Gangrene in an infant associated with temporary diabetes, 343.
- LIGHTWOOD, R. C.: Neoplasm of suprarenal cortex in an infant of 4½ months, 257.
- LLOYD, ERIC I. (and Wilfrid Sheldon): Two cases of double ureter, 231.
- LUDBROOK, S. L.: Familial splenic anæmia, 239.
- MCCANCE, R. A. (and R. D. Lawrence): Gangrene in an infant associated with temporary diabetes, 343.
- MCCURE, H. I. (and F. M. B. Allen): Study of intracranial hæmorrhage in the new-born infant, 97.

- MACRAE, OLIVE (and Noah Morris): Metabolism studies in coeliac disease, 75.
- MC SWEENEY, CHRISTOPHER J.: Studies in juvenile rheumatism, 367.
- MAIZELS, MONTAGUE: Alkalosis in the vomiting of infancy, 293.
- Malignant hypertension, *see* Hypertension.
- Measles, pneumonia in (J. B. Ellison), 37.
- Meningitis, purulent, with otitis media in an infant (Gladys H. Dodds), 71.
- Metabolism, chloride, in congenital pyloric stenosis (Noah Morris and Stanley Graham), 27.
- Metabolism studies in coeliac disease (Olive Macrae and Noah Morris), 75.
- Milk of New Zealand women (Helen Easterfield Deem), 53.
- MITCHELL, ALEXANDER (and John Craig): Spinal tumours in childhood, 11.
- MORRIS, NOAH (and Stanley Graham): The chloride metabolism in congenital pyloric stenosis, 27—(and Olive Macrae): Metabolism studies in coeliac disease, 75—(and Stanley Graham): The value of alkali in salicylate therapy, 273.
- NABARRO, DAVID: Congenital syphilis, 258.
- NEALE, A. VICTOR: Acute and chronic non-tuberculous pyuria in children, 165.
- Necrosis, sub-acute hepatic (Hazel H. Chodak Gregory), 101.
- Neoplasm of suprarenal cortex (Robert Hutchison and R. G. Lightwood), 257.
- Nephritis, calcium and phosphorus metabolism in (Findlay J. Ford), 209.
- New Zealand women, the milk of (Helen Easterfield Deem), 53.
- Night-blindness and nutritional xerophthalmia (J. C. Spence), 17.
- Otitis media with purulent meningitis in an infant (Gladys H. Dodds), 71.
- PEDIATRIC ASSOCIATION, BRITISH:—
Annual meeting, 255;
Election of officers, 255;
Next meeting, 255;
Treasurer's report, 255;
Change of rules, 255;
'Save the Children' Union, 255;
Scientific communications, 255;
Role of hæmolytic streptococci in the causation of arthritic purpuras, 255;
Abdominal manifestations in rheumatism, 256;
The incidence of the rheumatic infection, 256;
A study of the sleeping pulse rate, 256;
The value of alkali in salicylate administration, 256;
Malignant hypertension in a girl of 8, 256;
Two cases of jaundice in infancy, 256;
A clinical note on convulsions in infants, 257;
Enuresis of allergic origin, 257;
Ectopia cordis, 257;
Boy with bilateral Erb's paralysis feeding himself with his feet, 257;
Tumours of the parathyroid glands, 257;
Neoplasm of the suprarenal cortex in an infant of 4½ months, 257;
Sudden death in infancy and childhood, 257;
The treatment of hydrocephalus, 258;
Congenital syphilis, 258;
Three cases of coeliac disease, 258;
Some effects of a ketogenic diet, 258;
Cystic disease of bone in an infant, 258;
The primary infection of tuberculosis, 258.
- Paralysis, Erb's (K. D. Wilkinson), 257.
- PERRY, C. BRUCE: The electrocardiogram of normal school children, 259—Congenital anomalies of the heart in elementary school children, 265.
- Phosphorus and calcium metabolism in nephritis (Findlay J. Ford), 209.
- Phosphorus compounds and calcium in the blood of children, distribution of (Milan Sokolovitch), 183.
- Pink disease: its morbid anatomy, with a note on treatment (W. G. Wyllie and R. O. Stern), 137.
- Pneumonia in measles (J. B. Ellison), 37.
- Post-anginal sepsis (Mark S. Reuben), 115.
- FRITCHARD, ERIC: Treatment of hydrocephalus, 258.
- Pulse rate, sleeping, study of (Bernard Schlesinger), 256.
- Purpuras, arthritic, role of hæmolytic streptococci in the causation of (F. Langmead), 255.
- Pyloric stenosis, congenital, the chloride metabolism in (Noah Morris and Stanley Graham), 27.
- Pyloric stenosis, congenital hypertrophic (Wilfrid Gaisford), 111.
- Pyuria, non-tuberculous, acute and chronic, in children (A. Victor Neale), 165.
- Race, rheumatism and growing pains (J. C. Hawksley), 303.
- Rammstedt's operation, the surgical anatomy of (Denis Browne), 129.
- REUBEN, MARK S.: Post-anginal sepsis (sepsis of oro-naso-pharyngeal origin), 115.
- Rheumatic infection, incidence of (Leonard Findlay), 256.
- Rheumatism, abdominal manifestations in (K. Tallerman), 256.
- Rheumatism, juvenile (Christopher J. McSweeney), 367.
- Rheumatism, race and growing pains (J. C. Hawksley), 303.
- Salicylate administration, value of alkali in (Stanley Graham), 256, 273—(and Noah Morris), 273.
- SCHLESINGER, BERNARD: A study of the sleeping pulse rate, 256.
- Sepsis, post-anginal [sepsis of oro-naso-pharyngeal origin] (Mark S. Reuben), 115.
- SHELDON, WILFRID (and Eric I. Lloyd): Two cases of double ureter, 231.
- SMELLIE, J. M.: Sudden death in infancy and childhood, 257.
- SOKOLOVITCH, MILAN: Distribution of the phosphorus compounds and calcium in the blood of children, 183.
- SOMERFORD, ANNIE E. (C. P. Lapage and Fanny Howe): Three cases of duodenal obstruction in the newborn, 307.
- SPENCE, J. C.: Nutritional xerophthalmia and night-blindness, 17.
- Spinal tumours in childhood (John Craig and Alexander Mitchell), 11.
- Splenic anaemia, *see* Anæmia.
- Stenosis, pyloric, the chloride metabolism in (Noah Morris and Stanley Graham), 27.
- Stenosis, pyloric, congenital hypertrophic (Wilfrid Gaisford), 111.
- STERN, R. O. (and W. G. Wyllie): Pink disease: its morbid anatomy, with a note on treatment, 137.
- Syphilis, congenital (David Nabarro), 258.
- TALLERMAN, K.: Abdominal manifestations in rheumatism, 256.
- Tattoo tuberculin test, *see* Tuberculin.
- THOMSON, A. P.: Three cases of coeliac disease, 258.
- Tuberculin test, cutaneous multiple puncture (W. S. Craig), 357.
- Tuberculosis, primary infection of (J. Hartley Gibbens), 258.
- Tumours of the parathyroid glands (A. C. Hampeon), 257.
- Tumours of the spine in childhood (John Craig and Alexander Mitchell), 11.
- Ulcer, duodenal, perforated, in an infant (L. Priscilla Harrison), 245.
- Undulant fever, *see* Fever.
- Ureter, double, two cases of (Eric I. Lloyd and Wilfrid Sheldon), 231.
- Vomiting of infancy, alkalosis in the (Montague Maizels), 293.
- WARD, KATHLEEN M.: A study of the blood cholesterol in childhood, 329.
- WILKINSON, K. D.: Ectopia cordis, 257—Boy with bilateral Erb's paralysis feeding himself with his feet, 257.
- WINNICOTT, D. W.: Convulsions in infants, 257.
- WYLLIE, W. G. (and R. O. Stern):—Pink disease: its morbid anatomy, with a note on treatment, 137—(and R. W. B. Ellis): The clinical interpretation of some hæmorrhagic states, 313.
- Xerophthalmia, nutritional, and night-blindness (J. C. Spence), 17.