

The Quarterly Journal of Medicine

Edited by

T. R. ELLIOTT, F. R. FRASER, A. G. GIBSON, R. HUTCHISON, J. W. McNEE, J. A. RYLE

with the help of

E. FARQUHAR BUZZARD, GORDON HOLMES, ARTHUR F. HURST, J. A. NIXON,
R. A. PETERS, E. P. FOULTON, E. I. SPRIGGS, O. L. V. S. DE WESSELOW

CONTENTS

NEW SERIES. VOL. II, No. 8. OCTOBER 1933

(Vol. XXVI of the continuous series)

The Hypertensive Cerebral Attack. By DOUGLAS McALPINE.—The Action of Atropine in Complete Heart-Block. By A. RAE GILCHRIST. With Plates 34 and 35.—The Action of Adrenalin in Complete Heart-Block. By A. RAE GILCHRIST. With Plates 36 to 38.—Oedema in Nephritis. By J. BASIL RENNIE.—Calcification of the Kidneys in Pyloric Stenosis. By A. M. COOKE. With Plate 39.—Pituitary Secretion in Blood-pressure. By CLIFFORD HOYLE. With Plates 40 to 44.—The Diagnosis of Anaemia with Special Reference to Cell Volume and Blood-iron Estimation. By HAROLD W. FULLERTON, ALEXANDER LYALL, and L. S. P. DAVIDSON.—Proceedings of the Association of Physicians of Great Britain and Ireland.—Twenty-seventh Annual General Meeting.

SINGLE NUMBERS 10s. 6d. NET EACH SUBSCRIPTION 35s. PER ANNUM
VOLUMES 45s. NET ,, BOUND VOLUMES 40s. NET
CLOTH CASES 5s. NET

Humphrey Milford, Oxford University Press, London, E.C. 4

CONTENTS

(All rights reserved)

	PAGE
GREENWOOD, MAJOR. Droplet Infection. Some Theoretical Considerations	1
MARTIN, W. J. The Epidemic Curve of Smallpox. (With 3 Graphs in the Text)	10
MCGIBBON, J. P. The Anomalous Features of the Dick Reaction	30
BARDSLEY, DORIS A. The Distribution and Sanitary Significance of <i>B. coli</i> , <i>B. lactis aerogenes</i> and Intermediate Types of Coliform Bacilli in Water, Soil, Faeces, and Ice-Cream. (With 4 Graphs in the Text)	38
BAMFORTH, J. An Enquiry into the <i>Coli anaerogenes</i> Bacteria	69
BEDFORD, T. and WARNER, C. G. On Methods of measuring Skin Temperature. (With 10 Figures in the Text)	81
DUDGEON, Prof. LEONARD S. and BOND, L. T. On the Digestive Action of Leucocytes, Pus and Body Exudates	99
TAYLOR, G. L., ADAIR, G. S. and ADAIR, MURIEL E. The Precipitation Reaction. Optimal Proportions, Neutrality and Maximal Precipitation in Mixtures of Albumin and Antiserum. (With 1 Figure in the Text)	118
LONIE, THOMAS C. Weight, Height and Nutrition. Observations from the Isle of Ely	131
MCCALLUM, GAVIN B. and KIRKPATRICK, JOHN. Tuberculosis in the Hebrides: the Rarity of Tubercle Bacilli in the Milk of Cows—with a Note on the Vitality of Tubercle Bacilli preserved in Frozen Milk	141

The Journal of Hygiene is issued as material accumulates. A volume containing four numbers is issued annually in paper covers at the following net prices:

- Volumes I-III (1901-3). 17s. 6d. net per volume.
- Volumes IV-XVI (1904-18), *excepting* Vol. VI, no. 4, Plague number. 25s. net per volume.
- Volume XVII (1918). 31s. net.
- Volumes XVIII-XXXI (1919-31). 42s. net per volume.
- Volume XXXII (1932). 47s. 6d. net.

Quotations can be given for buckram binding cases and for binding subscribers' sets; also for bound copies of back volumes.

Papers for publication may be sent to Prof. GEO. H. F. NUTTALL, F.R.S., Longfield, Madingley Road, Cambridge, or to the associate Editors. Other communications should be addressed to the University Press, Cambridge.

Papers forwarded to the Editors for publication are understood to be offered to *The Journal of Hygiene* alone, unless the contrary is stated.

Contributors receive fifty copies of their papers free. Additional copies may be had at cost price: these should be ordered when the final proof is returned.

The subscription price is £2. 7s. 6d. per volume (post-free), payable in advance; single numbers 14s. 0d. net. Subscriptions may be sent to any Bookseller, or to The Cambridge University Press, Fetter Lane, London, E.C. 4.

The Cambridge University Press has appointed the University of Chicago Press agents for the sale of *The Journal of Hygiene* in the United States of America and has authorised them to charge the following prices: Subscription, \$11.75 per volume; single numbers, \$3.50 each.