Papers should be sent in duplicate to the Editors, Journal of Clinical Pathology, BMA House, Tavistock Square, London WClH 9JR. They should be in double-spaced typewriting on one side of the paper only. The name of the author with initials (or distinguishing Christian name) should be followed by the name and address of the laboratory where the work was performed. A definition of the position held by each author should be stated in a covering letter to the Editor. All papers with joint authorship should be accompanied by the signatures of all the authors. Results should not be shown as both tables and graphs.

Acknowledgment A stamped addressed postcard should be enclosed for return to the author as acknowledgment of receipt of the manuscript. Overseas authors should enclose international reply paid coupons.

Illustrations Diagrams should be drawn in Indian ink on stout white paper. The legends for illustrations should be typed on a separate sheet. Photographs and photomicrographs should be on glossy paper, unmounted. Chemical Formulæ should as far as possible be written in a single horizontal line.

Abbreviations In general, symbols and abbreviations should be those used by the Biochemical Journal.

SI Units The units in which the work was done should be cited first followed by traditional units or SI units in parentheses. Such conversion is the responsibility of the author. A conversion factor shall be given as a footnote to tables and in legends to figures.

Ethics The critical assessment of papers submitted will include ethical considerations.

References Number references consecutively in the order in which they are first mentioned in the text. Identify references in the text by arabic numerals (in parentheses). References cited only in tables or in legends to figures should be numbered in accordance with a sequence established by the first identification in the text of the particular table or illustration. The references should be given in the form used by Index Medicus: Journal (List all authors when six or less; when seven or more, list only first three and add et al.)


Reprints Twenty-five reprints will be supplied free of charge and further reprints may be ordered when the proof is returned.

Notice to Advertisers Applications for advertisement space and for rates should be addressed to the Advertisement Manager, Journal of Clinical Pathology, BMA House, Tavistock Square, London, WC1H 9JR.

Notice to Subscribers The Journal of Clinical Pathology is published monthly. The annual subscription rates are £30 in the UK and the Republic of Ireland and US$70.50 in all countries overseas. Payment for overseas subscriptions should be made in US dollars, ie, US$70.50, or in your national currency based on the prevailing exchange rate to the US dollar of that currency, payable to the British Medical Association. Orders can also be placed locally with any leading subscription agent or bookseller. (For the convenience of readers in the USA subscription orders, with or without payment, can also be sent to British Medical Journal, 1172 Commonwealth Avenue, Boston, Mass. 02134. All enquiries, however, must be addressed to the publisher in London.) All enquiries regarding air mail rates and single copies already published should be addressed to the publisher in London.

Copyright © 1979 Journal of Clinical Pathology. This publication is copyright under the Berne Convention and the International Copyright Convention. All rights reserved. Apart from any relaxations permitted under national copyright laws, no part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means without the prior permission of the copyright owners. Permission is not, however, required to copy abstracts of papers or of articles on condition that a full reference to the source is shown. Multiple copying of the contents of the publication without permission is always illegal.
differentiation between reactive follicular hyperplasia and follicular lymphocytic lymphoma.

We are indebted to Mrs Jean Fitzmaurice and Miss Mary Domone for technical assistance and to Miss Valerie Esland for typing the manuscript.

References


Requests for reprints to: Dr J. Crocker, Department of Pathology, The University of Birmingham Medical School, Birmingham B15 2TJ, UK.

The Journal of Clinical Pathology is to conform to a uniform style for submitted manuscripts, details of which are set out in the article on page 744, reprinted, with the permission of the editor, from the British Medical Journal of 24 February 1979. Authors are requested in future to submit all manuscripts in the new style, and the change-over will take effect in the January 1980 issue of this journal.
The June 1979 issue

THE JUNE 1979 ISSUE CONTAINS THE FOLLOWING PAPERS

Anti-i cold agglutinins in choriocarcinomatosis: trophoblastic i antigen B. J. BOUGHTON

HLA-linked C2 deficiency in a Dutch patient with systemic lupus erythematosus L. BERRENS, H. BAART DE LA FAILLE, AND E. BORST-EILERS

Reactogenicity and immunogenicity of a surface-antigen-adsorbed influenza virus vaccine in children LOUISE M. EASTWOOD, R. JENNINGS, R. D. G. MILNER, AND C. W. POTTER

Haemophilus influenzae type b antigenuria in children J. KALDOR, R. ASZNOWICZ, AND B. DWYER


Bordetella bronchisecta (bronchiseptica) infection in man: review and a case report H. K. GHOSH AND J. TRANTER

Intravenous feeding in a gastroenterological unit J. POWELL-TUCK, J. E. LENNARD-JONES, J. A. LOWES, K. TWUM DANSO, AND ELIZABETH J. SHAW

A simple biological method for detecting streptococcal nictotinamide adenine dinucleotide glycohydrase N. E. GREEN

Radioimmunoassay of primary bile salts in serum Y. A. BAQIR, J. MURISON, P. E. ROSS, AND IAN A. D. BOUCHIER

Measurement of serum primary bile acid ratio by gas liquid chromatography and radioimmunoassay C. R. PENNINGTON, Y. A. BAQIR, P. E. ROSS, J. MURISON, AND IAN A. D. BOUCHIER

Measurement of formaldehyde concentrations in a subatmospheric steam-formaldehyde autoclave D. MARCOS AND D. WISEMAN

Performance of exhaust-protective (class I) biological 'safety' cabinets S. W. B. NEWSOM

Automated determination of red cell methaemoglobin reductase activity by a continuous-flow system for screening hereditary methaemoglobinemia K. TANISHIMA, N. FUKUDA, M. TAKEHITA, Y. TAKIZAWA, T. KITAMURA, AND Y. YONEYAMA

Electron microscopy of hepatitis B virus components in chronic active liver disease R. DE VOS, M. B. RAY, AND V. J. DESMET

Primary sarcoma of the heart: a light and electron microscopic study of two cases J. C. GOUGH, C. E. CONNOLLY, AND J. D. KENNEDY

Bone metastases in children presenting with renal tumours W. LAWLER AND H. B. MARSDEN

Female adnexal tumour of probable Wolffian origin Y. SIVATHONDAN, R. SALM, P. E. HUGHESDON, AND J. M. FACCINI

A histopathological study of gastric mucosal biopsies in infantile hypertrophic pyloric stenosis GILLIAN BATCUP AND L. SPITZ

Malakoplakia of the prostate: A report of two cases and a review of the literature J. MCCLURE

Technical method

A simple method for obtaining and storing small volumes of serum G. DOUGLAS GRAY

Letter to the Editor

Book reviews

Copies are still available and may be obtained from the PUBLISHING MANAGER, BRITISH MEDICAL ASSOCIATION, TAVISTOCK SQUARE, LONDON, WC1H 9JR, price £3.00, including postage

Requests for reprints to: Dr G. Dimitracopoulos, National University of Athens, Department of Microbiology, PO Box 1540, Athens, Greece.

Reports and Bulletins prepared by the Association of Clinical Biochemists

The following reports and bulletins are published by the Association of Clinical Biochemists. They may be obtained from The Publishing Department, British Medical Journal (ACB Technical Bulletins), B.M.A. House, Tavistock Square, London WC1H 9JR. Overseas readers should remit by British Postal or Money Order.

Scientific Reviews (price £1.00/$2.00 each)

1 The assessment of thyroid function March 1971 F. V. Flynn and J. R. Hobbs
3 Biochemical tests for the assessment of fetoplacental function May 1975 C. E. Wilde and R. E. Oakley
4 Test of exocrine pancreatic function March 1977 A. H. Gowenlock
5. Assay of cholinesterase in clinical chemistry March 1979 Elsie Silk, J. King, and Mary Whittaker

Technical Bulletins (price £1.00/$2.00 each)

22 Bilirubin standards and the determination of bilirubin by manual and technicon AutoAnalyzer methods January 1971 Barbara Billing, Ruth Haslam, and N. Wald
23 Interchangeable cells for spectrophotometers and fluorimeters September 1971 S. S. Brown and A. H. Gowenlock
24 Simple tests to detect poisons March 1972 B. W. Meade et al.
25 Blood gas analysers May 1972 K. Dixon
26 Kits for enzyme activity determination September 1972 S. B. Rosalki and D. Tarlow
27 Assessment of pumps suitable for incorporation into existing continuous flow analytical systems November 1972 A. Fleck et al.
28 Routine clinical measurements of transferrin in human serum September 1973 K. Dixon
29 Control materials for clinical biochemistry (5th edition) September 1973 J. F. Stevens
30 Notes on the quality of performance of serum cholesterol assays September 1973 S. S. Brown
31 Determination of uric acid in blood and in urine July 1974 R. W. E. Watts
32 A survey of amino acid analysers readily available in the United Kingdom September 1974 J. E. Carlyle and P. Purkiss
33 Definitions of some words and terms used in automated analysis November 1974 A. Fleck, R. Robinson, S. S. Brown, and J. R. Hobbs
34 Measurement of albumin in the sera of patients January 1975 Linda Slater, P. M. Carter, and J. R. Hobbs
36 Factors influencing the assay of creatinine November 1975 J. G. H. Cook
37 A survey of enzyme reaction rate analysers readily available in the United Kingdom July 1977 R. A. Saunders and R. F. Burns
38 Transport of specimens for clinical chemistry analysis November 1977 P. Wilding, J. F. Zilva, and C. E. Wilde
39 A scheme for the evaluation of diagnostic kits May 1978 P. H. Lloyd
chronic. It then analyses various nephropathies and the renal changes in specific conditions such as the collagen diseases, pre-eclampsia, transplantation, and so on. These sections are well-written and clear although there is necessarily some repetition of what has been discussed in the first half of the book.

In a book containing so many illustrations it is possible to find some that are rather less explicit than others, for example, that of haematoxyphil bodies (Fig. 18.7) is not self-explanatory; again, few would be convinced by the pyknotic magakaryocyte (illustrated in Fig. 7.26).

Indeed, although the illustrations are in general excellent, some would undoubtedly profit from a more detailed caption.

The author is to be complimented on this new edition of his monograph.

J. C. SLOPER


All who treat children with leukemia are aware of the understandable and insatiable demand for information voiced by parents and family and, often unvoiced, by children themselves. Families who don’t want to know are increasingly rare. This book is an attempt to satisfy the demand for information and is written mainly for the child with leukemia. Truthful, optimistic, and delightfully illustrated, it is perhaps mainly aimed at the subteenager. The ultimate question—what happens if treatment doesn’t work—is not ducked. The philosophy is that of ‘a day at a time’.

The tone is naturally American but I am sure many families here will find it helpful. Perhaps it will stimulate production of a book more orientated to our own subculture.

JUDITH M. CHESSELS


The WHO International Histological Classification of Tumours is an attempt, still not completed, to establish internationally agreed criteria for the histological typing of neoplasms. This index volume contains the lists of the tumours classified in the first 20 volumes, with their appropriate ICD-O morphology codes. ICD-O is the International Classification of Diseases for Oncology and is the expanded tumour section of the International Classification of Diseases, 9th revision; it is identical with the Neoplasms section of SNOMED. This volume may be useful for cancer registries and for histopathology departments which use the WHO tumour classifications and SNOMED coding.

Unfortunately, the WHO classification is not yet completed—no classification of CNS tumours, for example, has yet appeared; further, some of the earlier volumes are now generally felt to be incomplete, and one volume somewhat eccentric. One hopes that a complete index will eventually be produced; the present compendium can be regarded as an interim measure only.

O. G. DODGE


Cruickshank’s textbook is well established as an authoritative and clear account of medical microbiology, but the new edition, rechristened Mackie and McCartney, has remarkably few changes. For example, the chapter on antimicrobial therapy remains inadequate, and the approach to bacterial genetics is unchanged and the emphasis outdated. Clinical microbiologists will be disappointed to find no mention of recent developments that have had important implications for microbiologists, clinicians, and patients. Pseudomembranous colitis, campylobacter gastroenteritis, β-lactamase production by Haemophilus influenzae, and infections with Streptococcus milleri are all conspicuous by their absence. Perhaps space for these could profitably have been taken from extensive accounts of exotic such as anthrax, smallpox, and plague.

We are still no nearer having the, hitherto elusive, textbook of clinical microbiology for medical students, but many clinicians, and all trainee pathologists and laboratory microbiologists, will continue to find this book invaluable. Some will save £10 by making do with their 12th edition.

M. CASEWELL

Notices

John Milne Travelling Fellowship

The final total of £15000, donated to the John Milne Memorial Fund is £2520. It was decided at a meeting of the Trustees on Monday, 18 December 1978, that the interest accrued from this sum should be offered every second year as a John Milne Travelling Fellowship to a graduate in medicine or science working in dermatology or related fields. Preference will be given to individuals with a connection with the University of Glasgow.

Applications for the first John Milne Travelling Fellowship are now invited, and the sum to be distributed totals £350. Applicants should send a brief curriculum vitae and details of purpose of travel to Professor R. M. MacKie, Department of Dermatology, Anderson College Building, 56 Dumbarton Road, Glasgow G11 6NU, by 1 September 1979.

International symposium on ‘Standardisation and quality control of coagulation methods’

The International Symposium will be held in Rome (Istituto Superiore di Sanità) on 27-28 March 1980. It is being organised by the Italian Committee for the Standardisation of Methods in Haematology and the Laboratory (CISMEI).

The symposium is open to all interested persons (deadline for abstracts: 31 December 1979). For further information please write to: Professor P. M. Mannucci, Hemophilia and Thrombosis Centre, Via Pace 15, 20122 Milan, Italy.

Correction

A review of the British Medical Bulletin Vol 34, No 3, September 1978 The HLA System which appears on page 638 of the June issue gave the publishers name in error as H. K. Lewis, London. The publisher is The British Council, 65 Davies Street, London W1Y 2AA.
Broadsheets prepared by the Association of Clinical Pathologists

31 Investigation of haemorrhagic states with special reference to defects of coagulation of the blood 1961
   (Revised 1967) E. K. BLACKBURN

33 The laboratory detection of abnormal haemoglobins 1961 H. LEHMANN and J. A. M. AGER (revised 1975 by H. Lehmann and R. G. Huntsman as The laboratory detection of haemoglobinopathies)

39 Investigation of haemolytic anaemia 1961 (Revised 1968) J. G. SELWYN

41 Serological test for syphilis (Revised 1969) A. E. WILKINSON

42 Determination of red cell enzymes (Revised 1970) C. A. WEST and T. A. J. FRANKERD

43 Mycological techniques 1962 (Reprinted 1966) R. W. RIDDELL

44 The investigation of blood transfusion reactions 1966 (Revised 1974) G. H. TOVEY and W. A. GILLESPIE

55 Antibiotic sensitivity tests by diffusion methods 1966 (Revised 1972) I. JOAN STOKES and PAMELA M. WATERWORTH

56 Haemoglobinochemistry by the cyanmethaemoglobin method 1967 S. M. LEWIS

57 Compatibility test for blood transfusion 1967 G. H. TOVEY and W. J. JENKINS

59 Techniques for the histological examination of the eye 1967 N. ASHTON

61 Screening tests for inborn errors of amino acid metabolism 1967 D. C. CUSWORTH

62 Preparation of undecalcified bone sections 1968 H. A. SESSIONS

63 Tests of combined bacterioidal action 1969 L. P. GARROD and PAMELA M. WATERWORTH

64 Histochernical enzyme techniques 1969 I. M. P. DAWSON and M. I. FILIPE
   (This Broadsheet is illustrated by eight colour transparencies which can be obtained from Dr J. Burston, Department of Histopathology, Central Laboratory, St Mary's General Hospital, Milton Road, Portsmouth PO3 6AG. Price £3.00, including postage.)

65 The immunofluorescent test for serum antinuclear factor 1969 E. L. HOLBOROW and G. D. JOHNSON

66 Cytological techniques for serous fluids 1970 A. I. SPRIGGS and O. A. N. HUSAIN

67 The laboratory investigation of muscular dystrophy 1970 V. DUBOWITZ, J. N. WALTON, B. P. HUGHES, and J. N. CUMINGS

68 Simplified radial immunodiffusion 1970 J. R. HOBBES

69 Immunofluorescence techniques in immunopathology and histopathology 1971 J. SWANSON BECK

70 (Revised Broadsheet 36) Quantitative determination of porphobilinogen and porphyrins in urine and porphyrins in faeces and erythrocytes 1971 C. RIMINGTON

71 The British comparative thromboplastin: The use of the national thromboplastin reagent for uniformity of laboratory control of oral anticoagulants and expression of results 1970 L. POLLER

72 The preparation of ultra-thin sections for light microscopy 1970 C. E. LUMSDEN and S. R. APARICIO

73 Nervous system techniques for the general pathologist 1970 J. HUME ADAM and LEONARD MILLER

74 Techniques for chromosomal analysis 1971 SYLVIA D. LAWLER

75 Quality control in haematology 1973 I. CAVILL and A. JACOBS

76 A guide to the choice of optical equipment and reagents for immunofluorescence techniques 1973 C. E. D. TAYLOR, A. H. TOMLINSON, and G. V. HEIMER

77 Diagnosis of vitamin B₁₂ deficiency 1973 I. CHANARIN

78 Radioisotopic assay of vitamin B₁₂ in serum 1973 J. L. RAVEN and P. BARKHAN

79 Diagnosis of folate deficiency 1973 A. H. WATERS and D. L. MOLLIN

80 Estimation of bacteria and white cells in the urine 1973 W. BRUMFITT, A. PERCIVAL, and J. D. WILLIAMS

81 Blood culture technique 1974 I. JOAN STOKES

82 Estimation of catecholamine metabolites in urine 1974 M. SANDLER and C. R. J. RUTHVEN

83 Platelet function tests 1975 J. H. SANDERSON

86 Photomicrography 1977 R. S. FAWKES and A. C. LENDRUM

87 Estimation of plasma cholinesterase activity and the use of inhibitors for the determination of phenotypes 1977 MARY WHITAKER

88 Examination of cerebrospinal fluid protein 1978 G. H. GRANT

89 Handling and clinical use of blood products 1978 JOHN WALLACE and JOHN F. DAVIDSON

90 Practical aspects of anti-D prophylaxis of haemolytic diseases of the newborn 1978 W. WAGSTAFF

91 Examination of a decomposed body 1979 D. J. GEE

92 Diagnosis of amyloidosis 1979 C. R. TRIBE and V. A. PERRY

Notes on sterilization. No. 1 Sterilization and disinfection of cytoscopes 1967

Notes on establishment of a hospital radioactive tracer service 1969


Reprint No. 2 (J. clin. Path., 24, 159) The perinatal postmortem examination 1971 F. A. LANGLEY

Reprint No. 3 (J. clin. Path., 27, 590) The use of SI units in reporting results obtained in hospital laboratories 1974 D. N. BARON, P. M. G. BROUGHTON, M. COHEN, T. S. LANSLEY, S. M. LEWIS, and N. K. SHINTON

Prices

INLAND One copy, £1.00; 2-10 copies (of any one broadsheet or reprint), 80p each; 11-100 copies (of any one), 60p each; 101 plus copies (of any one), price to be agreed; Authors (over 50 free copies), 60p each.

OVERSEAS One copy, $2.00; 2-10 copies (of any one broadsheet or reprint), $1.60; 11-100 copies (of any one), $1.20; 101 plus copies (of any one), price to be agreed. Authors (over 50 free copies), $1.20. Prices include postage but air mail will be charged extra. Trade discount 10%.

All orders (and all changes of address of regular subscribers) should be sent to the Publishing Manager, Journal of Clinical Pathology, BMA House, Tavistock Square, London, WC1H 9JR.