

Gut Editorial Committee

SHEILA SHERLOCK (*Editor*)

CHARLOTTE ANDERSON

I. A. D. BOUCHIER

G. P. CREAN

A. M. DAWSON

I. M. P. DAWSON

DEBORAH DONIACH

R. H. DOWLING

H. L. DUTHIE

I. E. GILLESPIE

R. A. GREGORY

C. D. HOLDSWORTH

M. J. S. LANGMAN

J. E. LENNARD-JONES

I. MCCOLL

N. MCINTYRE

P. D. MARSDEN

J. J. MISIEWICZ

G. NEALE

D. J. C. SHEARMAN

R. SHIELDS

W. P. SMALL

A. S. TAVILL

L. A. TURNBERG

K. G. WORMSLEY

EDITOR *British Medical Journal*

GUNILLA LIDDLE (*Technical Editor*)

The object of *Gut* is to publish original papers and reviews concerned with practice and research in the field of gastroenterology. The field is that of alimentary, hepatic, or pancreatic disease, and papers may cover the medical, surgical, radiological, or historical aspects. They may also deal with the basic sciences concerned with the alimentary tract, including experimental work. The report of a single case will be accepted only if it is of sufficient interest in relation to a wider field of research.

There will be a section for short papers on laboratory and surgical techniques and methods of investigation.

COMMUNICATIONS Papers should be addressed to the Editor, *Gut*, BMA House, Tavistock Square, London, WC1H 9JR. Papers are accepted only on the understanding that they are not published elsewhere without previous sanction of the Editorial Committee. They should be in double-spaced typewriting on one side of the paper only. On the paper the name of the author should appear with initials (or distinguishing Christian name) only, and the name and address of the hospital or laboratory where the work was performed. A definition of the position held by each of the authors in the hospital or laboratory should be stated in a covering letter to the Editor. Communications should be kept short, and illustrations should be included when necessary; coloured illustrations are allowed only if monochrome will not satisfactorily demonstrate the condition. It is not desirable that results should be shown both as tables and graphs.

ILLUSTRATIONS Diagrams should be drawn in indian ink on white paper, Bristol board, or blue-squared paper. The legends for illustrations should be typed on a separate sheet and numbered to conform with the relevant illustrations. Photographs and photomicrographs should be on glossy paper, unmounted. **TABLES** should not be included in the body of the text, but should be typed on a separate sheet.

ETHICS The critical assessment of papers submitted will include ethical considerations. Authors are referred to publications on ethics of human experimentation by the Medical Research Council in Britain and to the code of ethics of the World Medical Association known as the Declaration of Helsinki (see *Brit. med. J.*, 1964, 2, 177).

ABBREVIATIONS In general, symbols and abbreviations should be those used by the Biochemical Journal. In any paper concerning electrolyte metabolism, it is desirable that data be calculated as m-equiv/l. All measurements should be expressed in SI units and authors are referred to *J. clin. Path.*, 27, 590-597.

REFERENCES These should be made by inserting the name of the author followed by year of publication in brackets. At the end of the paper, references should be arranged in alphabetical order of authors' names. Such references should give authors' name, followed by initials and year of publication in brackets, the *title of the article quoted*, the name of the journal in which the article appeared, the volume number in arabic numerals, followed by the numbers of first and last pages of the article. Abbreviations are according to *World Medical Periodicals* (published by BMA for World Medical Association), thus: Chandler, G. N., Cameron, A. D., Nunn, A. H., and Street, D. F. (1960). Early investigations of haematemesis. *Gut*, 1, 6-13.

REPRINTS Fifty reprints will be supplied free of charge. Further reprints will be available on payment of the necessary costs; an indication of the number of reprints required should be sent to the Publishing Manager on the form provided with the proof.

NOTICE TO ADVERTISERS Application for advertisement space and for rates should be addressed to the Advertisement Manager, *Gut*, BMA House, Tavistock Square, London, WC1H 9JR.

NOTICE TO SUBSCRIBERS *Gut* is published monthly. The annual subscription rate is £16.00 in the United Kingdom and the Republic of Ireland, and £19.00 [\$46.50 USA] by surface mail in all countries overseas. Payments for overseas subscriptions should be made in sterling, *ie*, £19.00, and sent by Mail Transfer—*Charges Remitter*—through a Bank to the British Medical Association. Orders can also be placed 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 © 1975 *Gut*. All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior permission of *Gut*.

- Hinton, J. M., Lennard-Jones, J. E., and Young, A. C. (1969). A new method for studying gut transit times using radiopaque markers. *Gut*, **10**, 842-847.
- Kirwan, W. O., Smith, A. N., McConnell, A. A., Mitchell, W. D., and Eastwood, M. A. (1974). Action of different bran preparations on colonic function. *Brit. med. J.*, **4**, 187-189.
- Morgan, H. (1934). The laxative effect of a regenerated cellulose in the diet: its influence on mineral retention. *J. Amer. med. Ass.*, **102**, 995-997.
- Painter, N. S., and Truelove, S. C. (1964). The intraluminal pressure patterns in diverticulosis of the colon. *Gut*, **5**, 201-213.
- Walker, A. R. P. (1947). The effect of recent changes of food habits on bowel motility. *S. Afr. med. J.*, **21**, 590-596.
- Walker, A. R. P. (1974). Dietary fibre and the pattern of diseases. *Ann. intern. Med.*, **80**, 663-664.
- Wangel, A. G., and Deller, D. J. (1965). Intestinal motility in man. III. Mechanisms of constipation and diarrhea with particular reference to the irritable colon syndrome. *Gastroenterology*, **48**, 69-84.
- Williams, R. D., and Olmsted, W. H. (1936). The manner in which food controls the bulk of the feces. *Ann. intern. Med.*, **10**, 717-727.

The February 1975 Issue

THE FEBRUARY 1975 ISSUE CONTAINS THE FOLLOWING PAPERS

- A British family with hereditary pancreatitis J. R. SIBERT
- Influence of exocrine and endocrine pancreatic function on intestinal brush border enzymatic activities W. F. CASPARY, K. WINCKLER, P. G. LANKISCH, AND W. CREUTZFELDT
- The effect of cholestyramine on intestinal absorption R. J. WEST AND J. K. LLOYD
- The exsorption characteristics of various sugars A. T. R. AXON AND B. CREAMER
- Influence of dehydrocholate and taurocholate on bromsulphthalein uptake, storage, and excretion in the dog Y. DELAGE, S. ERLINGER, M. DUVAL, AND J.-P. BENHAMOU
- Assessment of small bowel function in the elderly using a modified xylose tolerance test S. G. P. WEBSTER AND J. T. LEEMING
- Hypersensitivity reactions in the small intestine I Thymus dependence of experimental 'partial villous atrophy' ANNE FERGUSON AND ELLEN E. E. JARRETT
- Mechanisms of lipid loss from the small intestinal mucosa RICHARD WALDRAM
- The distribution of mucosal antibodies in the bowel of patients with Crohn's disease F. H. Y. GREEN AND H. FOX
- Function and structure of the mucosa of continent ileostomy reservoirs in dogs B. PHILIPSON, N. G. KOCK, J. W. L. ROBINSON, H. MENGE, AND V. MIRKO-VITCH
- Response of the human cardiac sphincter to circulating prostaglandins F_{2 α} and E₂ and to anti-inflammatory drugs J. B. DILAWARI, A. NEWMAN, J. POLEO, AND J. J. MISIEWICZ
- Acid-base and metabolic disturbances in fulminant hepatic failure C. O. RECORD, R. A. ILES, R. D. COHEN, AND ROGER WILLIAMS
- The effects of fast neutrons on inoperable carcinoma of the stomach MARY CATTERALL, DEREK KINGSLEY, GILBERT LAWRENCE, JOHN GRAINGER, AND JOHN SPENCER
- Progress report*
Pancreatic extracts in the treatment of pancreatic exocrine insufficiency J. H. B. SAUNDERS AND K. G. WORMSLEY
- Notes and activities

Copies are still available and may be obtained from the PUBLISHING MANAGER, BRITISH MEDICAL ASSOCIATION, TAVISTOCK SQUARE, LONDON, WC1 9JR, price £2.00, including postage

Notes and activities

European Association for the Study of the Liver

The tenth meeting of the European Association for the Study of the Liver will be held in Castelldefels (Barcelona, Spain) on 11-13 September 1975, with Professor F. Vilardell as President. The scientific programme will include 36 communications, two symposia, and four working parties. Papers from any European institution may be considered for presentation. Abstracts of papers to be presented at this meeting should be sent to the Secretary (Dr S. Erlinger, Unité de Recherches de Physiopathologie Hépatique, Hôpital Beaujon, 92110 Clichy, France) no later than 15 May 1975. Abstracts will be judged anonymously by the Selection Committee. Accepted papers may be read at the meeting in any European language.

European Pancreatic Club

The next meeting of the European Pancreatic Club will be held in Toulouse, France, from 23 to 25 October 1975. Further information can be obtained from Professor A. Ribet, Service de Gastro-entérologie, Hôpital Purpan, 31052 Toulouse Cedex, France.

American Pancreatic Study Group

The annual scientific meeting of the American Pancreatic Study Group will be held on Friday, 7 November 1975 at the Continental Plaza Hotel, Chicago, Illinois.

International Symposium on Gastrointestinal Emergencies

This Wenner-Gren symposium will take place in Stockholm on 15-18 September 1975. It will be sponsored by the Swedish Ministry of Education and the Swedish Medical Research Council.

The subjects to be discussed are: fulminating colitis; severe upper gastrointestinal bleeding (two sessions); acute liver failure (two sessions); acute severe pancreatitis; severe gastrointestinal losses of water and electrolytes; and gastrointestinal intensive care units and their organization.

For further information please write to: Franz Bárány, MD, Department of Gastroenterology, St Eriks Hospital, 112 82 Stockholm, Sweden.

The last day for application for attendance is 1 June 1975.

Digestive Disease Week

The combined meetings of the American Gastroenterological Association, the American Association for the Study of Liver Disease, the Society for Surgery of the Alimentary Tract, and the Gastroenterology Research Group will be held in San Antonio, Texas, from 17 to 22 May 1975 at the Convention Center.

The postgraduate course on gastrointestinal cancer organized by the American Gastroenterological Association will be held on 17-18 May 1975. Further information: AGA Course, 6900 Grove Road, Thorofare, New Jersey, 08086.

The scientific meetings of the societies concerned are as follows: *May 19*, American Gastroenterological Association; *May 20*, Symposium arranged by the Society for Surgery of the Alimentary Tract, the American Gastroenterological Association, and the Gastroenterology Research Group; *May 21*, Research fora organized by the American Society for Gastro-intestinal Endoscopy, the Society for Surgery of the Alimentary Tract, and AGA-GRG; *May 22*, Research fora for the American Association for the Study of Liver Disease, the American Society for Gastrointestinal Endoscopy, and AGA-GRG.

A Workshop on Histological Differential Diagnosis of Liver Disease

A workshop (slide seminar) on histological differential diagnosis of liver disease will be held on Wednesday, 2 July 1975 at the Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG.

FACULTY

R. N. M. MacSween (Glasgow University); H. Popper (Mount Sinai University, New York); A. E. A. Read (Bristol University); F. Schaffner (Mount Sinai University, New York); P. J. Scheuer (Royal Free Hospital Medical School, University of London); Sheila Sherlock (Royal Free Hospital Medical School, University of London).

Registration fee (includes workbook of case summaries) £20 (\$50).

A complete set of slides £20 (\$50).

The workshop is limited to 100 registrants.

Applications to Professor Sheila Sherlock, Royal Free Hospital, Pond Street, Hampstead, London, NW3 2QG.

Notes on books

Fiberscopy of Gastric Diseases edited by Kenji Tsuneoka, Tadayoshi Takemoto, and Sotaro Fukuchi. (Pp. ix + 243; illustrated (some colour plates). \$65.00.) Igaku Shoin Ltd. 1973. This diagnostic atlas with 255 colour fiberscopic photographs and 150 black and white illustrations records the experiences of one of the leading endoscopic teams in Japan. It includes an excellent historical review and extensive practical details with sections on photography, biopsy, and polypectomy. There is a comprehensive list of the world literature.

Annual Medical Reviews

Gastroenterology cannot be divorced from general medicine and these three annual reviews are always of special interest.

Advanced Medicine Symposium 10 edited by J. G. G. Ledingham. (Pp. xii + 475; illustrated. £6.00) Pitman Medical in association with the *Journal* of the Royal College of Physicians, London. 1974. This is the proceedings of a conference held at the Royal College of Physicians of London in 1974 and it includes sections on immunology and the gut, cholera, and cyclic AMP and diarrhoea.

The Medical Annual edited by Sir Ronald Bodley Scott and R. Milnes Walker. (Pp. xxviii + 5241 illustrated. £7.00.) J. Wright and Sons, Ltd, Bristol. 1974. The gastroenterology section is covered by Sir Francis Avery Jones, Sir James Fraser, Professor J. C. Goligher, Professor Sheila Sherlock, and Mr J. E. Trapnell.

Year Book of Medicine 1974 edited by David E. Rogers and others. (Pp. 704; illustrated. £11.00.) Year Book Medical Publishers, Chicago. 1974. The section on the digestive system is totally 100 pages and is edited by Dr Norton J. Greenberger.

Correction

We much regret that the name of C. Wastell, editor of the book 'Chronic Duodenal Ulcer', was misprinted in *Gut*, 16, 164.

BRITISH POSTGRADUATE MEDICAL FEDERATION

UNIVERSITY OF LONDON

ADVANCED POSTGRADUATE
COURSE IN GASTROENTEROLOGY

10th November — 5th December 1975

A four-week course in gastroenterology, designed for doctors already experienced in the specialty, will be held from 10th November to 5th December 1975.

Lecturers from the leading gastroenterological centres in London and elsewhere will participate.

Fee: £100.00

Enquiries and application forms from:

Dr. I. C. Gilliland, British Postgraduate Medical Federation, 33 Millman Street, London WC1N 3EJ.

Closing date for applications:
27th June 1975.

SI UNITS

by

D. N. Baron, M.D., F.R.C. Path

Professor of Chemical Pathology, Royal Free Hospital School of Medicine, London W.C.1.

Conversion Scales and an article
reprinted from the
British Medical Journal
30 November 1974

Price 50p, including postage

Payment must be enclosed with order or a surcharge of 20p will be made for rendering invoices and statements.

ORDER FROM: The Publisher, BRITISH MEDICAL JOURNAL, B.M.A. House, Tavistock Square, London WC1H 9JR

Molecular Variants in Disease

The Proceedings of a Symposium organized by the Royal College of Pathologists

Edited by D. N. Raine

The genetic control of protein synthesis: The haemoglobin model D. J. WEATHERALL

Haemoglobinopathies—The pathophysiology of beta-thalassaemia major C. B. MODELL ● The clinical features of unstable haemoglobin disease J. M. WHITE ● The sickling process in relation to clinical manifestations A. J. BELLINGHAM ● Management of sickle-cell disease JOHN STUART ● Genetic heterogeneity in inherited disease HARRY HARRIS

Inborn errors of metabolism—Vitamin-responsive genetic disease S. HARVEY MUDD ● Molecular variation in relation to purine metabolism R. W. E. WATTS ● Mucopolysaccharidoses and mucopolipidoses F. VAN HOOF ● Sphingolipidoses KONRAD SANDHOFF ● The glycogen storage diseases BRENDA E. RYMAN ● Isoenzymes D. A. HOPKINSON

Erythrocyte enzyme deficiencies—Pyruvate kinase deficiency E. C. GORDON-SMITH ● Defective molecular variants of glucose-6-phosphate dehydrogenase and methaemoglobin reductase JEAN-CLAUDE KAPLAN ● The physiological consequences of changes in oxygen affinity in red cell enzyme defects E. R. HUEHNS

Problems affecting the community—Population screening BARBARA E. CLAYTON ● Prenatal diagnosis and genetic counselling D. J. H. BROCK ● The need for a national policy for the management of inherited metabolic disease D. N. RAINE

Price £3.00 (U.S.A. \$9.00) including postage

The Publisher, BRITISH MEDICAL JOURNAL, B.M.A. House, Tavistock Sq., London WC1H 9JR