Gut Editorial Committee

SHEILA SHERLOCK (Editor)

CHARLOTTE ANDERSON	M. J. S. LANGMAN
I. A. D. BOUCHIER	J. W. LAWS
B. CREAMER	P. D. MARSDEN
A. M. DAWSON	B. C. MORSON
DEBORAH DONIACH R. H. DOWLING	R. SHIELDS
	W. P. SMALL
H. L. DUTHIE I. E. GILLESPIE	L. A. TURNBERG
R. A. GREGORY	R. B. WELBOURN
C. D. HOLDSWORTH	K. G. WORMSLEY
F. H. KEMP	EDITOR British Medical Journal

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 devoted to short papers on laboratory and surgical techniques and methods of investigation where these are not part of a lesser survey.

COMMUNICATIONS Papers should be addressed to the Editor, Gut, B.M.A. 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.

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. as well as (or alternatively to) mg/100 ml.

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 author's 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 B.M.A. 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*, B.M.A. House, Tavistock Square, London, WC1H 9JR.

NOTICE TO SUBSCRIBERS Gut is published monthly. From January 1973 the annual subscription rate will be £12.00 in the United Kingdom and the Republic of Ireland, and £13.00 [\$31.25 U.S.A.] by surface mail in all countries overseas. Payments for overseas subscriptions should be made in sterling, ie, £13.00, 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 U.S.A. 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 © 1972 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. Regional Hospital for obtaining the biopsies studied: Professor C. McCarthy, Dr M. Mylotte, and Dr F. Stevens, Department of Gastroenterology, and Professor B. McNicholl and Dr B. Mitchell, Department of Paediatrics.

We also thank the Medical Research Council of Ireland and the Wellcome Trust for financial support.

References

- Booth, C. C. (1970). The enterocyte in coeliac disease. 1. Brit. med. J., 3, 725-731.
- Dahlqvist, A. (1968). Assay of intestinal disaccharidases. Analyt. Biochem., 22, 99-107.
- Dahlqvist, A. (1970). Assay of intestinal disaccharidases. Enzym. biol. clin., 11, 52-66.
 Hadorn, B., Steiner, N., Sumida, C., and Peters, T. J. (1971). Intestinal

- enterokinase: mechanisms of its 'secretion'into the lumen of the small intestine. Lancet, 1, 165-166.
- Holmes, R., and Lobley, R. W. (1970). The localization of enterokinase to the brush-border membrane of the guinea-pig small intestine. J. Physiol. (Lond.), 211, 50-51P.
- Lowry, O. H., Rosebrough, N. J., Farr, A. L., and Randall, R. J. (1951). Protein measurement with the Folin phenol reagent. J. biol. Chem., 193, 265-275.
- McNicholl, B., and Egan, B. (1968). Jejunal biopsy in celiac disease. Clin. Pediat., 7, 544-552.
- Nordström, C. (1972). Enzymic release of enteropeptidase from isolated rat duodenal brush borders. *Biochim. biophys. Acta* (Amst.), 268, 711-718.
- Nordström, C., and Dahlqvist, A. (1970). The cellular localization of enterokinase. Biochim. biophys. Acta (Amst.), 198, 621-622.
- Nordström, C., and Dahlqvist, A. (1971). Rat enterokinase: the effect of ions and the localization in the intestine. *Biochim. biophys. Acta (Amst.)*, 242, 209-225.
- Takano, K., Suzuki, T., and Yasuda, K. (1971). Immunohistochemical localization of enterokinase in the porcine intestine. Okajimas Fol. anat. jap., 48, 15-23.

The October 1972 Issue

THE OCTOBER 1972 ISSUE CONTAINS THE FOLLOWING PAPERS

The stimulant effect of drugs on indocyanine green clearance by the liver v. MELIKIAN, J. D. EDDY, AND A. PATON

The composition of hepatic and gallbladder bile in patients with gallstones C. MACKAY, J. N. CROOK, D. C. SMITH, AND R. A. MCALLISTER

Renal and intrarenal blood flow in non-cirrhotic portal hypertension M. C. KEW, CAROL LIMBRICK, R. R. VARMA, AND SHEILA SHERLOCK

Chronic gastritis, alcohol, and non-ulcer dyspepsia D. M. ROBERTS

Functional and morphological response of the dog colon to ischaemia J. W. L. ROBINSON, C. RAUSIS, P. BASSET, AND V. MIRKOVITCH

The recovery of function and microcirculation in small intestinal loops following ischaemia J. W. L. ROBINSON AND V. MIRKOVITCH

Noradrenaline concentration and turnover in different regions of the gastrointestinal tract of the rat: an approach to the evaluation of sympathetic activity in the gut H. L. TAUBIN, B. DJAHANGUIRI, AND L. LANDSBERG Circulating antibodies to cow's milk proteins in ulcerative colitis D. P. JEWELL AND S. C. TRUELOVE

An interim report on the production of colonic diverticula in the rabbit w. J. B. HODGSON

Effect of eating on motility of the pelvic colon in constipation or diarrhoea SHEILA L. WALLER, J. J. MISIEWICZ, AND NANCY KILEY

Technique

A comparison of stable and ¹⁴C-labelled polyethylene glycol as volume indicators in the human jejunum DAVID L. WINGATE, RODNEY J. SANDBERG, AND SIDNEY F. PHILLIPS

Progress report Carbenoxolone sodium w. SIRCUS

Progress report Immunoglobulins and the gut E. A. JONES

The British Society of Gastroenterology

Notes and activities

Copies are still available and may be obtained from the PUBLISHING MANAGER, BRITISH MEDICAL ASSOCIATION, TAVISTOCK SQUARE, LONDON WC1H 9JR, *price* $87\frac{1}{2}p$

Notes and activities

British Society for Digestive Endoscopy

The Annual Business Meeting of the British Society for Digestive Endoscopy was held on 28 September 1972 in the Aviemore Centre.

The President, Dr Truelove, reviewed some of the activities of the Society and paid tribute to the close links which had been maintained with the British Society of Gastroenterology, represented on the Executive by Dr Lennard-Jones, and to the magnificent arrangements for the meeting made by Professor Card and his Glasgow colleagues.

The Secretary reported that during the first year the membership had risen to over 200 and Honorary Membership had been accepted by Dr Classen, Professor Demling, Mr H. C. Edwards, Professor Henning, Dr Hirschowitz. Professor Hopkins, Sir Francis Avery Jones, Dr Oi, Dr E. D. Palmer, Professor Rodgers, and Mr Hermon Taylor. Members of the Executive had organized a number of one-day courses for novice endoscopists, and audio-visual and other teaching material had been prepared, some of which was demonstrated later the same day by Dr P. Cotton and Dr P. Salmon. A list of members who would accept visitors seeking practical experience at their endoscopy sessions had been circulated.

A memorandum on the future national needs for fibre-optic endoscopy of the gastrointestinal tract had been submitted to Sir George Godber and its principles had been accepted by the Department of Health and Social Security.

The Treasurer reviewed the satisfactory financial state of the Society, due largely to the President's success in establishing a launching fund which had been generously supported by a number of firms.

The President reviewed the provisional constitution on the basis of which the Society had been operating and this was adopted by the meeting with some minor amendments.

The Office bearers remain unchanged for a further year: President, Dr S. Truelove; Hon Secretary, Dr K. F. R. Schiller; Treasurer, Professor A. E. Read. Members of the Executive: Dr G. N. Chandler, Dr P. B. Cotton, Mr A. C. B. Dean, Dr D. D. Gibbs, Professor I. McColl, Dr P. R. Salmon, Dr R. Whitehead and, representing the Council of the BSG, Dr J. E. Lennard-Jones.

A report of the scientific part of the meeting will be published in a later issue.

New Gastroenterological Laboratories at Bristol

An extension of nine rooms for the Medical Unit under Professor Alan Read was opened in October by Sir Francis Avery Jones. This includes new accommodation for endoscopic and motility studies, for laboratory work, and for a library. The Department now has six senior lecturers of consultant status, and three are mainly concerned with gastroenterological The interaction work. rheumatology and between gastroenterology is one of the active fields of research.

Queen's Award to Industry

An interesting ceremony was held at Biorex House recently when Her Majesty's Lieutenant of Greater London, Field-Marshal Sir Gerald Templer, KG, presented the Queen's Award to Industry to The Biorex Laboratories Limited. This award was made for technical innovation in relation to carbenoxolone sodium which has given an entirely new approach to the management of peptic ulcer, and has opened up new fields for research. In his presentation speech, Sir Gerald Templer commented that under 10% of firms were successful in being awarded this honour and that the Biorex Company was one of the very few which had achieved the distinction for technical innovation rather than for achievement in export, although in this respect the Biorex Company had also been remarkably successful.

Course in Gastroenterology, Oxford, 7-10 January 1973

This course is designed for consultants and registrars, including those who do not specialize in gastroenterology.

The course will consist of selected topics which are of current interest in relation to the normal functioning of the gastrointestinal tract and its diseases.

The course will be held in the Witts lecture theatre in the Radcliffe Infirmary. The fee for the course will be $\pounds 10$. The closing date for applications is 16 December 1972.

Accommodation will be available in

St Anne's College which is situated on the Woodstock Road immediately opposite the Radcliffe Infirmary. The cost of full board will be £10 and will cover the period from dinner on Sunday 7 January to lunch on Wednesday 10 January. Morning coffee and afternoon tea will be provided in the Radcliffe Infirmary without additional charge.

A limited number of rooms for married couples are available at St Anne's College.

Application should be made as early as possible to Dr. S. C. Truelove, The Radcliffe Infirmary, Oxford.

Cheques should be made payable to Oxford University Chest.

Postgraduate Course in Diagnostic Radiology

The 16th annual postgraduate course in diagnostic radiology will be held from 12 to 16 March 1973 at the Fairmont Hotel, San Francisco. Invited speakers include guests from Great Britain. All information can be obtained from Dr Charles A. Gooding, Programme Chairman, Department of Continuing Education in Health Sciences, 570-U, University of California, San Francisco, California 94122.

Notes on books

Cancer in South West England. A Review of Incidence and Survival for the Years 1955-1969 by R. Milnes Walker. (Pp. 124. No price given.) South Western Regional Hospital Board. Supplementary Report, South Western Regional Cancer Bureau. 1972. This annual publication brings further information on the long-term. follow-up results of treatment of malignant disease in a population of approximately three million people. Cancer of the lip and tongue is decreasing, but there is an increasing incidence of carcinoma of the pancreas and oesophagus. The unreliability of the pancreas certification is, however, still a matter for concern.

Australia Antigen and Hepatitis by B. S. Blumberg, A. I. Sutnick, W. T. London, and I. Millman. (Pp. 74; illustrated. £5.00.) Butterworth Group, London. 1972. This monograph, first published in 1971, has been reprinted with a supplementary list of publications which are not discussed within the text.

Progress Reports from Gut

Edited by Sheila Sherlock

A survey of gastroenterology from Progress Reports published in Gut— The journal of the British Society of Gastroenterology—over the past two years.

Pocket-sized, inexpénsive, this is a paperback for all gastroenterologists.

Price £1.10 (U.S.A. \$2.90) including postage

ORDER FROM: The Publisher British Medical Journal BMA House, London WCIH 9JR

Designed and Printed in England by Eyre & Spottiswoode Ltd, Thanet Press, Margate