

Gut Editorial Committee

C. C. BOOTH (*Editor*)

CHARLOTTE ANDERSON

J. W. BLACK

I. A. D. BOUCHIER

V. S. CHADWICK

A. G. COX

I. M. P. DAWSON

H. L. DUTHIE

A. L. W. F. EDDLESTON

ANNE FERGUSON

I. E. GILLESPIE

K. W. HEATON

C. D. HOLDSWORTH

D. P. JEWELL

R. J. LEVIN

P. D. MARSDEN

J. J. MISIEWICZ

G. NEALE

J. RHODES

D. J. C. SHEARMAN

R. SHIELDS

W. P. SMALL

A. S. TAVILL

L. A. TURNBERG

D. L. WINGATE

EDITOR

British Medical Journal

GRACE WILLIAMS

(*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.

COMMUNICATIONS Two copies of 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.

ACKNOWLEDGEMENT OF MANUSCRIPTS Manuscripts will not be acknowledged unless a stamped addressed postcard or international reply coupon is enclosed.

ILLUSTRATIONS Only essential Figures and Tables should be included. *Photographs* Unmounted photographs on glossy paper should be provided. Magnification scales, if necessary, should be lettered on these. Where possible, prints should be trimmed to column width (i.e. 2½ in). *Diagrams* These will usually be reduced to 2¼ in wide. Lettering should be in either Letraset or stencil, and care should be taken that lettering and symbols are of comparable size. Illustrations should not be inserted in the text, they should be marked on the back with Figure numbers, title of paper, and name of author. All photographs, graphs, and diagrams should be referred to as Figures and should be numbered consecutively in the text in Arabic numerals. The legends for illustrations should be typed on a separate sheet. *Tables* Tables should be numbered consecutively in the text in Arabic numerals and each typed on a separate sheet.

ETHICS Ethical considerations will be taken into account in the assessment of papers (see the Medical Research Council's publications on the ethics of human experimentation, and the World Medical Association's code of ethics, known as the Declaration of Helsinki (see *British Medical Journal* (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 MEq/l. All measure-

ments except blood pressure should be expressed in SI units (see *Journal of Clinical Pathology* (1974), 27, 590-597; *British Medical Journal* (1974), 4, 490), followed by traditional units in parentheses. Such conversion is the responsibility of the author.

REFERENCES In the text these should follow the Harvard system—that is, name followed by date; James and Smith (1970). If there are more than two authors they should be cited as James *et al.* (1970) even the first time that they appear. The list of references should be typed in double spacing and in alphabetical order on a separate sheet. Such references should give the author's name, followed by initials and year of publication in brackets, *the title of the article quoted*, the name (in full) of the journal in which the article appeared, the volume number in Arabic numerals, followed by numbers of first and last pages of article.

CORRECTIONS other than printer's errors may be charged to the author.

REPRINTS Twenty-five reprints will be supplied free of charge. Further reprints will be available on payment of the necessary costs; 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 £24.00 in the United Kingdom and the Republic of Ireland, and \$65.50 by surface mail in all countries overseas. Payment for overseas subscriptions should be made in US dollars, i.e. US\$65.50, 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 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 © 1978 *Gut*. 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 the 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.

ISSN 0017-5749

INTERNATIONAL SYMPOSIUM

The Mast Cell -its Role in Health and Disease

(Chairman – Professor J Pepys)

Time: Mid 1979.

Venue: To be determined.

A symposium will take place to review current knowledge of the mast cell and drugs that affect it. Sessions will be included on the biochemistry and pharmacology of the mast cell and clinical aspects of its pathology in all organ systems. Drugs which affect the mast cell in the clinical management of various diseases will be discussed.

Contributors with relevant work are invited to submit abstracts, in one of the four languages of the symposium – English, French, German and Spanish, to Dr. A M Edwards, Fisons Ltd., Research & Development Laboratories, Bakewell Road, Loughborough, Leicestershire, England, by 30th November 1978. Simultaneous translation will be available at the symposium.

Delegates wishing to attend this symposium should contact Dr. Edwards at this address.

- Hirschowitz, B. I. (1966). Effects of colchicine on intestinal mucosal dehydrogenases. I. Histochemical observations. *American Journal of Digestive Diseases*, **11**, 394-403.
- Olmstead, J. B., and Borisy, G. G. (1973). Colchicine and vinblastine—two microtubular disrupting agents. *Annual Review of Biochemistry*, **42**, 507-540.
- Parsons, D. S., and Volman-Mitchell, H. (1974). The transamination of glutamate and aspartate during absorption *in vitro* by small intestine of chicken, guinea pig and rat. *Journal of Physiology*, **239**, 677-694.
- Quigley, J. P., and Gotterer, G. S. (1969). Distribution of (Na⁺K⁺) stimulated ATPase activity in rat intestinal mucosa. *Biochimica et Biophysica Acta*, **173**, 456-468.
- Rossignol, B., Herman, G., and Keryer, G. (1972). Inhibition by colchicine of carbamylcholine induced glycoprotein secretion by the submaxillary gland. A possible mechanism of cholinergic induced protein secretion. *FEBS Letters*, **21**, 189-194.
- Stadler, J., and Franke, W. W. (1974). Characterization of the colchicine binding of membrane fractions from rat and mouse liver. *Journal of Cell Biology*, **60**, 297-303.
- Williams, J. A., and Wolff, J. (1970). Possible role of microtubules in thyroid secretion. *Proceedings of the National Academy of Sciences of the USA*, **67**, 1901-1908.
- Zemer, D., Revach, M., Pras, M., Modan, B., Schor, S., Sohar, E., and Gafni, J. (1974). A controlled trial of colchicine in preventing attacks of familial Mediterranean fever. *New England Journal of Medicine*, **291**, 932-934.

The July 1978 Issue

THE JULY 1978 ISSUE CONTAINS THE FOLLOWING PAPERS

- Sialic acids of human large bowel mucosa: o-acylated variants in normal and malignant states C. M. ROGERS, K. B. COOKE, AND M. I. FILIPE
- Quantitative comparison of the effects of cholecystokinin, secretin, and pentagastrin on gastrointestinal myoelectric activity in the conscious fasted dog D. L. WINGATE, E. A. PEARCE, M. HUTTON, A. DAND, H. H. THOMPSON, AND E. WÜNSCH
- Alterations of the colonic flora and their effect on the hydrogen breath test T. GILAT, H. BEN HUR, E. GELMAN-MALACHI, R. TERDIMAN, AND Y. PELED
- Low dose steroids and clinical relapse in Crohn's disease: a controlled trial R. C. SMITH, J. RHODES, R. V. HEATLEY, L. E. HUGHES, D. L. CROSBY, B. I. REES, H. JONES, K. T. EVANS, AND B. W. LAWRIE
- Circulating immune complexes and disease activity in Crohn's disease R. FIASSE, A. Z. LURHUMA, C. L. CAMBIASO, P. L. MASSON, AND C. DIVE
- Immune status in Crohn's disease. 2. Originally unimpaired primary cell mediated immunity *in vitro* I. O. AUER, CH. BUSCHMANN, AND E. ZIEMER
- Alpha heavy chain disease (report of 18 cases from Iraq) Z. AL-BAHRANI, T. AL-SALEEM, H. AL-MONDIRY, F. BAKIR, H. YAHIA, I. TAHA, AND J. KING
- Role of neural influences in the release of gastrins, glucagon, and secretin during hypoglycaemia in man J. C. MCLOUHLIN, J. R. HAYES, K. D. BUCHANAN, AND J. G. KELLY
- Enterohepatic circulation of bile acids after cholecystectomy E. RODA, RITA ALDINI, G. MAZZELLA, A. RODA, CLAUDIA SAMA, D. FESTI, AND L. BARBARA
- Changes in the electrolyte content of leucocytes at different clinical stages of cirrhosis A. N. ALAM, P. WHEELER, S. P. WILKINSON, L. POSTON, C. GOLINDANO, AND ROGER WILLIAMS
- Gastrointestinal somatostatin: extraction and radio-immunoassay in different species C. MCINTOSH, R. ARNOLD, E. BOTHE, H. BECKER, J. KÖBBERLING, AND W. CREUTZFELDT
- Twenty-four hour gastric acidity after vagotomy R. F. MCCLOY, D. P. GIRVAN, AND J. H. BARON
- Tube introducer and modified Celestin tube for use in palliative intubation of oesophagogastric neoplasms at fiberoptic endoscopy M. ATKINSON, R. FERGUSON, AND G. C. PARKER
- Value of laparoscopy in the diagnosis and management of pancreatic carcinoma A. CUSCHIERI, A. W. HALL, AND JOHN CLARK
- Notes and activities
- Books

Copies are still available and may be obtained from the PUBLISHING MANAGER,

BRITISH MEDICAL ASSOCIATION, TAVISTOCK SQUARE, LONDON WC1H 9JR, price £2.75, including postage

Notes and activities

BSG Research Award 1978

Five hundred word summaries of personal research work are invited by the Research Committee who will recommend to Council the recipient of the award for 1978. The award consists of a medal and £100 prize. Entrants must be 35 years or less (on 31 December 1978) but need not be a member of the BSG. All (or a substantial part) of the work must have been performed in the United Kingdom or Eire. The recipient will be required to deliver a 40 minute lecture at the Plenary session of the Spring meeting, 1979. Entrants please write to: Professor H. L. Duthie, Chairman, Research Committee, University Surgical Unit, Royal Infirmary, Sheffield S6 3DA by 1 December 1978.

IV Symposium on Wilson's Disease

The IV International Symposium on Wilson's disease will be held in Buenos Aires, Argentina, on 10-12 November 1978. Special forms for abstracts, applications to attend the symposium, and information about registration and accommodation will be sent to those who request them. The deadline for receipt of abstracts and requests to attend is 1 October. Address requests to: Gustavo Pooh or Horacio H. Rubio, Libertad 1376 (1016) Buenos Aires, Argentina.

Association of Clinical Pathologists: Gastrointestinal and Related Hormones

A symposium on gastrointestinal and related hormones will be held at the Royal Society of Medicine, London, on 6 and 7 November 1978 under the chairmanship of Dr S. R. Bloom. Apply to Dr Mary McMillan, Group Laboratory, Lewisham Hospital, London SE13 6LH.

Books

Nutritional Aspects of Care in the Critically Ill Edited by J. R. Richards and J. M. Kinney. (Pp. 668. £12.00). Churchill Livingstone: Edinburgh and London. 1978.

This book records the proceedings of a conference organised in Glasgow to honour one of its editors, Dr. J. M. Kinney. Each chapter is a comprehensive review by one expert or a team of authors and has clearly been prepared specially for this book. The chapters vary greatly in length, are scholarly, have a full bibli-

ography, and are published without the ensuing discussion. The result is a balanced, readable, and well-produced volume.

Almost half the book is devoted to the physiological and biochemical changes in response to starvation, injury, or infection. This section of over 300 pages is outstanding and includes discussion of such topics as metabolic rate, energy sources, protein turnover, and the effect of hormonal changes. There is also an intriguing chapter on the temporarily impaired cardiovascular response to exercise after elective surgery. The sections on biochemical events are followed by chapters on nutritional support in different clinical situations. Of particular interest to gastroenterologists will be the sections on liver failure, liver surgery, cancer, and the effect of malnutrition in depleting the body's defences against infection.

At £12.00 this book is good value and succeeds in its aim of bringing together in one volume detailed information on the basic science background to the body's response to injury with practical applications of this knowledge.

J. E. LENNARD-JONES

Surgery of the Pancreas—a Text and Atlas Edited by A. M. Cooperman and S. O. Hoerr. Illustrated by Robert M. Reed. (Pp. 257; illustrated; £35.70.) Kimpton: London. 1978.

This text is designed, as its name suggests, for the practising clinical surgeon who may wish to review the techniques available for treating the surgical problems which the pancreas may present. Each section starts with an outline of the condition under consideration, and then mentions the investigations required, before going into the surgical technique. The illustrations are good, easy to follow, and help the description of the operative technique. The drawings are very well produced, as are the radiographs, which are clear and realistic as opposed to many which are now being reproduced in the quest for cheaper production. A further example of the care taken in the production of the book is that the references, which are numbered, are placed as a footnote when more than three or four are quoted, so as not to destroy continuity. References are numerous, if not comprehensive, so that what is not said in the text can easily be followed up on the basis of these references.

Perhaps the greatest strength of this book is the profusion of sound common-sense; typical of this is the line on p. 154 concerning the preoperative investigation of carcinoma of the pancreas which compares percutaneous transhepatic cholangiography and endoscopic retrograde cholangiography: 'these tests are not mutually exclusive and a preference for one must be based on the availability of, experience with and results achieved by each at a particular institution'. This practical approach dominates the attitude to pancreatic surgery, and as a result produces a consensus opinion with which most would agree, and if they disagreed would at least consider the advice to be safe. Where controversy arises, personal points of view are stated; nowhere is this better done than by George Crile Jr. who advocates most persuasively that a conservative approach to pancreatic cancer is logical. Certainly, such a policy appears mandatory on the figures quoted if the surgical mortality is higher than 10%, a third of the average hospital mortality in the USA.

Despite the price of this book, I would recommend it as a most useful addition to a departmental library; even if the text becomes outdated the operative descriptions will be of lasting value.

R. C. G. RUSSELL

Books received

Chirurgie du Tube Digestif By Cl. Olivier. (Pp. 365; illustrated; Fr. 68.) Masson: Paris. 1977.

Comparative Animal Nutrition vol. 2. Nutrient Elements and Toxicants Edited by M. Rechcigl. (Pp. 210; illustrated; price not stated.) Karger: Basel. 1977.

Gastric Hydrogen Ion Secretion Edited by D. K. Kasbekar, G. Sachs, and W. S. Rehm. (Pp. 486; illustrated; SFrs. 117.) Marcel Dekker: New York. 1977.

Introduction to Oral Medicine By D. M. Chisolm, M. M. Ferguson, J. Harold Jones, and D. K. Mason. (Pp. 290; illustrated; price not stated.) W. B. Saunders: London, Philadelphia, Toronto. 1978.

Good Health through Natural Therapy By E. K. Lederman. (Pp. 147; price 75p.) Pan Books: London.

The June 1978 Issue (Festschrift for Professor Dame Sheila Sherlock)

THE JUNE 1978 ISSUE CONTAINS THE FOLLOWING PAPERS

List of contributors

Professor Dame Sheila Sherlock JOHN MCMICHAEL

A Fellow at the Free RICHARD SMALLWOOD

Aguecheek's disease W. H. J. SUMMERSKILL (Reprint)

Alpha-1-antitrypsin deficiency: a biological enigma
A. G. BEARN

New insights into the classification and mechanisms
of hereditary, chronic, non-haemolytic hyper-
bilirubinaemias P. BERTHELOT AND D. DHUMEAUX

Twenty-five years of progress in bilirubin metabolism
(1952-77) BARBARA H. BILLING

Serum bile acids in hepatobiliary disease IAN A. D.
BOUCHIER AND C. R. PENNINGTON

Reabsorption of sodium in the proximal renal tubule
in cirrhosis of the liver L. CHIANDUSSI, E. BARTOLI,
AND S. ARRAS

Regulation of blood ammonia A. M. DAWSON

Long-term follow-up of chronic active hepatitis of
moderate severity J. DE GROOTE, J. FEVERY, AND
L. LEPOUTRE

Congenital hepatic fibrosis: the long-term prognosis
D. N. S. KERR, STELLA OKONKWO, AND R. G. CHOA

Recognition of alcoholic liver disease in a district
general hospital A. J. LEVI AND D. M. CHALMERS

Plasma lipids and lipoproteins in liver disease NEIL
MCINTYRE

Copies are still available and may be obtained from the PUBLISHING MANAGER,

BRITISH MEDICAL ASSOCIATION, TAVISTOCK SQUARE, LONDON WC1H 9JR, *price* £2.75, including postage

The liver in hereditary haemorrhagic teleangiectasia:
an inborn error of vascular structure with multiple
manifestations: a reappraisal G. A. MARTINI

Relationship between serum ferritin and total body
iron stores in idiopathic haemochromatosis L. W.
POWELL, J. W. HALLIDAY, AND J. L. COWLISHAW

Some clinical features of liver cell failure: an
appraisal of their causes A. E. READ

Advantages of treatment of ascites without sodium
restriction and without complete removal of excess
fluid T. B. REYNOLDS, F. L. LIEBERMAN, AND A. R.
GOODMAN

Liver biopsy in chronic hepatitis: 1968-78 P. J.
SCHEUER

Epithelial cell proliferation in diverse models of
experimental cholelithiasis A. J. SCOTT

Intracellular electrolyte depletion in patients with
ileostomies L. A. TURNBERG A. I. MORRIS, P. C.
HAWKER, K. J. HERMAN, R. A. SHIELDS, AND
C. E. HORTH

Clinical and pathological study of asymptomatic
HBsAg carriers in Chile MARTA VELASCO, M.
GONZÁLEZ-CERON, CARMEN DE LA FUENTE, AMALIA
RUIZ, S. DONOSO, AND R. KATZ

Hepatosplenic schistosomiasis: a great neglected
disease of the liver K. S. WARREN

Trials and tribulations with artificial liver support
ROGER WILLIAMS

Notes and activities; Books

Cambridge Gastroenterology Meeting

Friday October 27th 1978

Morning Session:

The Modern Treatment of Liver Disease

Chairman: Dr. J. O. Hunter

The Treatment of Immune Mediated Liver Disease

Dr. A. L. W. F. Eddleston

Acute Liver Failure

Dr. A. J. Knell

Coffee

Wilson's Disease—A Problem for Gastroenterologists

Dr. J. M. Walshe

The Management of Portal Hypertension

Mr. P. McMaster

Lunch by courtesy of Fison's Pharmaceutical Division

Afternoon Session:

Inflammatory Bowel Disease

Chairman: Dr. A. P. Dick

Medical Aspects of Crohn's Disease

Professor J. E. Lennard-Jones

Nutrition and Inflammatory Bowel Disease

Dr. J. Powell-Tuck

Surgery in the Management of Inflammatory Bowel Disease

Mr. W. G. Everett

This meeting is open without fee to physicians, surgeons, and gastroenterologists in training, and will be held in the Education Centre, Addenbrooke's Hospital, Hills Road, Cambridge. Application forms are obtainable from The Secretary, Postgraduate Medical Centre, Addenbrooke's Hospital, Hills Road, Cambridge CB2 2QQ.

TODAY'S TREATMENT/2

The first volume of *Today's Treatment* has proved a best-seller. Doctors clearly welcome its down-to-earth advice on the selection of effective remedies for common disorders.

The second volume covers endocrine and metabolic diseases, cardiovascular disorders, and the alimentary system. Again the chapters are based on articles first published in the *BMJ*; and the advice provides busy practitioners with a reliable working manual.

Demy Octavo—Paperback—
216 pages — ISBN 0 7279 00250

Price: Inland £4.00;
Abroad US\$10.00, including postage

Payment must be enclosed with order or a surcharge of 30p will be made for rendering invoices and statements

Order your copy now from

The Publisher,
BRITISH MEDICAL JOURNAL,
BMA House,
Tavistock Square,
London WC1H 9JR

or through any leading bookseller