

Gut, Editorial Committee

SHEILA SHERLOCK (*Editor*)

NORMAN C. TANNER (*Assistant Editor*)

C. C. BOOTH

I. A. D. BOUCHIER

WILFRID CARD

B. CREAMER

RICHARD DOLL

R. H. DOWLING

H. L. DUTHIE

R. A. GREGORY

G. H. A. HÜBSCHER

ANDREW W. KAY

F. H. KEMP

J. LAWS

J. E. LENNARD-JONES

B. C. MORSON

A. E. A. READ

E. N. ROWLANDS

R. SHIELDS

W. P. SMALL

GEOFFREY WATKINSON

R. B. WELBOURN

A. W. WOODRUFF

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, W.C.1. Papers are accepted only on the understanding that they are not published elsewhere without previous sanction of the Editorial Board. 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 British Chemical and Physiological Abstracts. 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 proofs.

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, W.C.1.

NOTICE TO SUBSCRIBERS *Gut* is published monthly. The annual subscription rate is £8 8s. in the United Kingdom and the Republic of Ireland, and £9 5s. [\$22.00 U.S.A.] in all countries overseas. Payment for overseas subscriptions should be made in sterling, i.e., £9 5s., and sent by Mail Transfer—*Charges Remitter*—through a Bank 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 U.S.A. subscription orders, with or without payment, can also be sent to: *British Medical Journal*, 1172 Commonwealth Avenue, Boston, Mass. 02134. All inquiries, however, must be addressed to the Publisher in London.) Copies of single issues of the Journal are available at the following prices, including postage and packing: Inland: £1. Abroad: £1 5s. U.S.A.: \$3.00.

COPYRIGHT © 1970 by *Gut*. All rights of reproduction are reserved in respect of all papers, articles, tables, illustrations, etc., published in this Journal in all countries of the world.

HISTOLOGICAL FINDINGS

The histological changes found in the liver of our patient corresponded exactly with those described by Sherlock *et al* (1966) and Sherlock (1968). The nodules, which were recognizable macroscopically, showed reverse lobulation with extended periportal spaces, dilated portal vein branches and a reduced number of branches of the hepatic vein. The parenchyma surrounding the nodules was atrophic; elsewhere, fibrosis, proliferation of the ductules, and inflammation were merely locally represented. Any compression or thrombosis of the portal vein and its two large branches, where there was considerable fibrosis and sclerosis of the walls, was absent. The increase in connective tissue in the vicinity of the porta hepatis had no connexion with the nodular transformation. In our opinion, this phenomenon must be seen in the light of the surgical intervention performed in this area at an earlier date.

CIRCULATORY STUDIES

The obvious rise in presinusoidal pressure, in association with the moderately increased wedged hepatic vein pressure, does not admit of any clear classification. On the basis of earlier examinations (Sherlock *et al*, 1966), it was considered that portal hypertension, caused by non-cirrhotic transformation of the liver, was of the postsinusoidal type, being in turn caused by the reduction in the hepatic vein and the compression of the radicles by the nodules which thus disturbed the intrahepatic circulation.

References

- Demling, L. (1957). Der portale Hochdruck. *Materia med. Nordmark*, 9, 3-20.
 Ingelfinger, F. J. (1967). *Yearbook of Medicine*. Year Book Medical Publishers, Chicago.
 Sherlock, S., Feldmann, C. A., Moran, B., and Scheuer, P. J. (1966). Partial nodular transformation of the liver with portal hypertension. *Amer. J. Med.*, 40, 195-203.
 Sherlock, S. (1968). *Diseases of the Liver and Biliary System*, 4th ed. Blackwell, Oxford.

The February 1970 Issue

THE FEBRUARY 1970 ISSUE CONTAINS THE FOLLOWING PAPERS

Propulsion (mass movements) in the human colon and its relationship to meals and somatic activity D. J. HOLDSTOCK, J. J. MISIEWICZ, T. SMITH, and E. N. ROWLANDS

Factors controlling colonic motility: Colonic pressures and transit after meals in patients with total gastrectomy, pernicious anaemia, or duodenal ulcer D. J. HOLDSTOCK and J. J. MISIEWICZ

A study of abnormal muscular patterns in diverticular disease of the colon using the polysiloxane foam enema L. E. HUGHES

The neurological junction between the appendix and ascending colon JOHN L. EMERY and JANET UNDERWOOD

Rectal and colonic studies after resection of the sigmoid for diverticular disease T. G. PARKS

Bile salt secretion in cirrhosis of the liver LESLIE A. TURNBERG and GORDON GRAHAME

Effects of rose bengal on bile secretion in the rabbit: inhibition of a bile salt-independent fraction D. DHUMEAUX, S. ERLINGER, J.-P. BENHAMOU, and R. FAUVERT

Cholelithiasis in Singapore: Part I A necropsy study W. S. HWANG

Part II A clinical study H. K. CHIAM, P. N. UNNI, and W. S. HWANG

Maximal acid response of Pavlov pouches to food and histamine A. MARVIN BROOKS and MORTON I. GROSSMAN

Effect of secretin and jejunal acidification on gastric and pancreatic secretion in man S. J. KONTUREK

The production of calcium and magnesium during pancreatic function tests in health and disease J. NIMMO, N. D. C. FINLAYSON, A. F. SMITH, and D. J. C. SHEARMAN

A double-blind trial of carbenoxolone sodium capsules in the treatment of duodenal ulcer J. M. CLIFF and G. J. MILTON-THOMPSON

Clinical study of Duogastrone in the treatment of duodenal ulcers B. O. AMURE

Gastroscopy and gastric photography with the Olympus GTF-A R. COCKEL and C. F. HAWKINS

Technique

Technique for suction biopsy of the rectal mucosa A. P. DICK, J. E. LENNARD-JONES, J. HYWEL JONES, and B. C. MORSON

Progress report: Hepatitis-associated (Australia) antigen SHEILA SHERLOCK

Progress report: The carcinoid syndrome D. G. GRAHAME-SMITH

Notes and Activities

Notes on Books

Notes and activities

In Honour of Dr Avery Jones

A dinner was given by the past and present members of the Editorial Committee of *Gut* in honour of Dr F. Avery Jones, for five years Editorial Secretary and then Editor of *Gut*, at the Royal College of Physicians, London, to mark the occasion of his retirement as Editor. The dinner was organized by Dr John Lennard-Jones on behalf of the British Society of Gastroenterology. Mr Harold Edwards, the first Editor of *Gut*, was one of the guests of honour, and Dr N. F. Coghill, President of the British Society of Gastroenterology, represented the Society. At the dinner, Professor Sheila Sherlock, Editor of *Gut*, presented, on behalf of the Society and the publishers, a Georgian silver salver which carried an appropriate inscription and the signatures of the past and present members of the Editorial Committee. The occasion was a delightful one, and many of the guests took the opportunity of offering their congratulations to Dr Avery Jones for all the work he had given to the Journal and for the personal qualities which had made him such a successful Editor.

The First 10 Years of Gut

During the 10 years 1960-69 928 scientific papers have been published of which 273 have been mainly prepared overseas. Twenty-eight countries and six continents have been represented. The United States accounted for 81 papers and Australasia for 58. *Gut* is the official journal of the British Society of Gastroenterology but it takes pride in its world-wide circulation. Gastroenterology knows no frontiers and gastroenterologists professionally are world citizens. Vital aetiological clues still remain hidden in the varying incidence of gastroenterological diseases around the world. Infective hepatitis is a splendid current example of international co-operation in our search for the significance of the Australia antigen and for the infective agent in this world-wide disease which attacks at least 5% of all populations and in some countries at much higher levels. The varying incidence of alimentary cancer, of gallstones, and of diverticular disease are continuous challenges for research workers.

F.A.J.

4th World Congress of Gastroenterology

During the 4th World Congress of Gastroenterology the address of the secretariat will be Bella-Centret, Hvidkildevej 64, DK-2400 Copenhagen NV, Denmark (telephone: (01) 10 01 40). Before and after the congress the secretariat can be contacted c/o DIS Congress Service, Skindergade 36, DK-1159 Copenhagen K, Denmark (telephone: (01) 11 00 44); telegrams: interstud copenhagen; telex: 5213 interstud.

The congress headquarters is the Bella-Centret, where the opening ceremony will take place on 12 July 1970 in the main hall. All scientific sessions will also be held in the Bella-Centret from 13 July to 18 July (inclusive).

The technical exhibition, also at the Bella-Centret, will be open from 13 July until 18 July.

The scientific programme of the congress includes symposia, quadrennial reviews, free lectures, and scientific exhibits.

Participants in a symposium will be chosen by each chairman from among authors who have proposed original contributions which are relevant to the theme of that symposium. The symposia will primarily bring together active scientists who wish to present the latest results of advanced research and to discuss their work with others in similar fields of study.

The quadrennial reviews will present outlines of the progress, within well defined current fields of gastroenterology, achieved since the last World Congress, and will discuss further the changing points of view that such progress has entailed. The 11 quadrennial reviews will be presented by outstanding investigators, and will be available for purchase as a comprehensive publication shortly after the congress.

SYMPOSIA

The names of the chairman and the subjects of the symposia are as follows:

P. Crabbé (Sherbrooke)

Local immunoglobins in the intestine

A. Dahlquist (Lund)

Intestinal mucosal enzymes

B. Eiseman (Denver)

Transplantation of the liver

M. I. Grossmann (Los Angeles)

Regulation of the external pancreatic secretion

G. A. Martini (Marburg/Lahn)

Hepatic coma

F. J. Ingelfinger (Boston)

Pathophysiology of the oesophagus

M. Oi (Minato-Ku, Tokyo)

Early diagnosis of gastric cancer

Ch. Rouiller (Geneva)

Electron microscopic examination of the liver

M. Siurala (Helsinki)

Gastritis and stomach ulcer

S. C. Truelove (Oxford)

Ulcerative colitis and Crohn's disease

E. Watkins Jr. (Boston)

Chemotherapy of gastrointestinal cancer

C. E. Welch (Boston)

Polyyps and polyposis of the colon

J. A. Williams (Birmingham, UK)

Postvagotomy syndromes

QUADRENNIAL REVIEWS

J. H. Baron (London)

The clinical use of gastric function tests

W. Creutzfeldt (Göttingen)

Aetiology and pathogenesis of pancreatitis. Current concepts

D. A. Dreiling (New York)

Early diagnosis of pancreatic cancer

J. B. Kirsner (Chicago)

Ulcerative colitis

F. A. Klipstein (Rochester, NY)

Tropical sprue

Tien-Yu Lin (Taipei)

Primary cancer of the liver

L. M. Nyhus (Chicago)

The surgical treatment of gastric ulcer

H. Popper (New York)

Current concepts of cirrhosis

Sheila Sherlock (London)

Causes and effects of acute liver damage

Soad Tabaqchali (London)

The pathophysiological role of small intestinal bacterial flora

W. R. Thayer Jr. (Providence)

Crohn's disease (regional enteritis)

Future dates of the annual meetings of the American Gastroenterological Association are 20-23 May 1970 at Sheraton-Boston Hotel, Boston, Massachusetts; 12-15 May 1971, at the Americana Hotel, Miami Beach, Florida; 16-21 May 1972, at the Century Plaza Hotel, Los Angeles, California, and 14-19 May 1973, at Palmer House, Chicago, Illinois.

Notes on books

The Proceedings of the Bayer Symposium held in October 1968 on 'Current problems of immunology' has been published by Springer-Verlag. There are 30 papers, together with the subsequent discussion, all published in English, and including three papers on immune reactions in liver disease and one on pernicious anaemia. Price DM 48.00, US \$ 13.20.

Anorexia nervosa is a recurring problem in diagnosis and management, and those who are concerned with gastroenterological work will be grateful to Dr Peter Dally for bringing together his experience of anorexia nervosa in 140 female patients, six men with a similar condition, and in addition a number of anorexia nervosa-like conditions are described and distinguished. The extensive literature on anorexia nervosa and that concerning the effects of starvation on normal people

is reviewed. It is concluded that anorexia nervosa is a psychiatric syndrome divisible into three main subdivisions. **Anorexia Nervosa** (published by William Heinemann Medical Books, price 30s) is an important monograph which should be easily available in every general hospital.

Virus Diseases of the Liver, by A. J. Zuckerman. This monograph, with its beautiful colour photographs, brings together all the different virus diseases affecting the liver and constitutes an important landmark in liver experimental pathology. The first half of the book describes methods which have been recently developed at the London School of Hygiene and Tropical Medicine to culture both embryo and adult human liver cells. The second section discusses the results of various experiments and attempts to transmit the agents of human hepatitis; other viruses which attack the liver are described, such as the adenovirus, rubella virus, cytomegalovirus, herpes virus, and the 'Marburg' virus. The story of the hepatitis-associated (Australia) antigen and serum hepatitis is told within the limits of the data available in 1968 and early 1969. Altogether this is an invaluable study. (Published by Butterworths. Price 86s.)

The publication of the 4th edition of **A Text Book of X-Ray Diagnosis** by British authors, edited by S. Cochrane Shanks and Peter Kerley, is an important event in British radiology. Volume 4 (Price £8 10s) has just been published after an interval of 11 years and there are 40 contributions covering the alimentary tract. The contributors—radiologists and physicians—include Dr D. A. W. Edwards, with an important chapter on the diaphragm. Altogether a first-class contribution to gastroenterology, but what a pity to continue to publish positive instead of negative x-ray illustrations!

The Acute Abdomen by T. W. Botsford and R. E. Wilson. This small and very practical manual of 179 pages from the Harvard Medical School presents an up-to-date account of the clinical problems, with special reference to diagnostic aids, in the initial diagnosis and emergency treatment of the acute abdomen. There has been a marked increase in the range of diagnostic procedures which are now available. The time is right for bringing together present-day knowledge for the benefit of those who are particularly concerned with such emergency work in hospitals. (Published by W. B. Saunders Company Ltd., price £3 8s.)