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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 larger survey.

COMMUNICATIONS Papers should be addressed to the Editorial Secretary, *Gut*, Central Middlesex Hospital, Park Royal, London, N.W.10. 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 mEq./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 author's name. 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 numbers of first and last pages of 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.

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mucous membranes which resembled adult kwashiorkor.

Significant abnormalities were found in the jejunal mucosa in pancreatogenous diabetes. The more grossly abnormal mucosal changes were related to impaired d-xylose excretion.

¹³¹I albumin turnover studies failed to demonstrate abnormal protein loss into the intestinal lumen.

Liver function tests and liver biopsy material failed to demonstrate any significant hepatic abnormality apart from excess iron in the liver cells in some cases.

THE RESULTS OF SURGICAL REPAIR OF HIATUS HERNIA

D. A. W. EDWARDS, J. W. P. GUMMER, S. F. PHILLIPS, and E. N. ROWLANDS (London) The symptomatic and

radiological results of repair operations for hiatus hernia performed between 1951 and 1963 were examined in 63 patients. In spite of a high incidence (about 60%) of post-operative radiological evidence of some degree of reflux the symptoms of the corrosive action of gastric juice were usefully reduced in severity in 90%. Vagotomy and drainage, or gastric resection, did not influence the symptomatic result but contributed an additional source for morbidity. Simple repair is very likely to relieve symptoms of corrosion and regurgitation but less likely to relieve vomiting, excessive belching, or dysphagia. About 7% of patients with hiatus hernia were operated upon and at least 50 patients felt the operation was worthwhile. Dissatisfaction arose because of complications or failure to relieve certain symptoms.

The April 1964 Issue

THE APRIL 1964 ISSUE CONTAINS THE FOLLOWING PAPERS

The constitution and properties of two gastrins extracted from hog antral mucosa R. A. GREGORY and HILDA J. TRACY

Part I *The isolation of two gastrins from hog antral mucosa*

Part II *The properties of two gastrins isolated from hog antral mucosa*

Long survival after carcinoma of the stomach F. PYGOTT

Dietary factors in carcinoma of the stomach: A study of 100 cases and 200 controls E. D. ACHESON and R. DOLL

Multiple strictures of the jejunum J. HARPOT SHOESMITH, G. T. TATE, and C. J. E. WRIGHT

Haemorrhage from the upper alimentary tract J. N. MACCAIG, S. L. STRANGE, and T. ST. M. NORRIS

The seasonal incidence of bleeding from the upper gastrointestinal tract M. J. S. LANGMAN

Functional histochemistry of the small bowel mucosa in malabsorptive syndromes H. M. SPIRO, M. I. FILIPE, J. S. STEWART, C. C. BOOTH, and A. G. E. PEARSE

The measurement of albumin leak into the gastrointestinal tract using ¹³¹I-albumin and ion exchange resin by mouth T. FREEMAN and A. H. GORDON

The measurement of gastrointestinal protein loss by ¹³¹I-labelled protein and resin KAI HØEDTRASSMUSSEN and EJVIND KEMP with the technical assistance of BODIL MØLLER-PETERSEN and LIS HANSEN

The permeation of gastric epithelial cells by leucocytes D. D. GIBBS

Chromatographic studies of the carbohydrate components of gastric and salivary mucopolysaccharides J. SCHRAGER

Erythrocytic galactose-1-phosphate uridyl transferase levels in hepatic cirrhosis M. M. FISHER, S. SPEAR, E. SAMOLS, and SHEILA SHERLOCK

The parathyroids, calcium and gastric secretion in man and the dog J. T. WARD, A. O. ADESOLA and R. B. WELBOURN

Leiomyoma of the duodenum as a cause of recurrent post-gastrectomy bleeding J. J. DAWSON

Steatorrhoea and diarrhoea after vagotomy: a comparison of drainage procedures HUME LOGAN

A simple device for exfoliative cytology of the stomach ARMANDO L. BASTOS and F. MADEIRA

An attempt to devise a skin test for regional enteritis R. C. SANDERS

The epidemiology of gastrointestinal cancer with special reference to causation

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