



# GUT

*The Journal of The British Society of Gastroenterology*

EDITOR: HAROLD C. EDWARDS

EDITORIAL SECRETARY: F. AVERY JONES

## CONTENTS

- Mechanisms protecting against gastro-oesophageal reflux: a review MICHAEL ATKINSON.....page 1
- A study with the electron microscope of the jejunal epithelium in primary malabsorptive disease D. J. C. SHEARMAN, R. H. GIRDWOOD, A. WYNN WILLIAMS, and I. W. DELAMORE..... page 16
- The arrest of intestinal epithelial 'turnover' by the use of x-irradiation G. WIERNIK, R. G. SHORTER, and B. CREAMER.....page 26
- The results of exfoliative cytology studies in 50 patients with symptoms of large bowel disorder J. I. BURN and R. A. SELLWOOD... ..page 32
- Medical management of chronic gastric ulcer DAVID FERRIMAN.....page 38
- Excretion of formimino-glutamic acid in steatorrhoea J. P. KNOWLES.....page 42
- The diagnosis of primary tumours of the duodenum T. H. CRAWFORD BARCLAY and H. P. KENT.....page 49
- The late prognosis of perforated duodenal ulcer A. C. B. DEAN, C. G. CLARK, and A. H. SINCLAIR-GIEBEN.....page 60
- A comparison of a series of newer anti-cholinergic agents with atropine as regards their effect on saliva flow and gastric secretion in man D. W. PIPER and MIRJAM C. STEL.... .page 65
- The effect of *E. coli* on the absorption of vitamin B<sub>12</sub> C. C. BOOTH and JANET HEATH .....page 70
- Serum studies in man after administration of vitamin A acetate and vitamin A alcohol. II In subjects suffering from disturbances of absorption and digestion OLIVER FITZGERALD, JAMES J. FENNELLY, and DANIEL J. HINGERTY... ..page 74
- The influence of sex and age on appendicitis in children and young adults J. A. H. LEE... ..page 80
- The treatment of constipation in mental hospitals L. R. C. HAWARD and H. E. HUGHES-ROBERTS.....page 85
- Colonic irritability due to a mercurial bacteriostat in retention enemata S. G. FLAVELL MATTS, J. H. BARON, A. M. CONNELL, and J. E. LENNARD-JONES.....page 91
- The annual meeting of the British Society of Gastroenterology.....page 93

LONDON · BRITISH MEDICAL ASSOCIATION · TAVISTOCK SQUARE W.C.1

YEARLY SUBSCRIPTION (4 NUMBERS) £3 U.S.A. \$10.00. SINGLE NUMBER 17s. 6D.