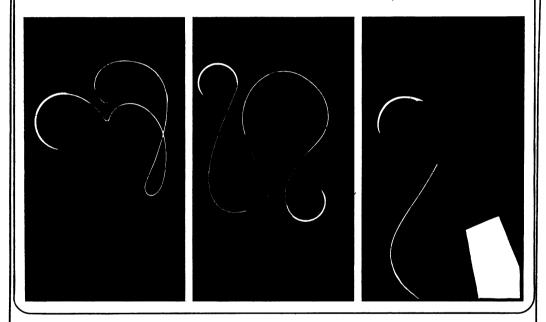
MERSUTURES*

Eyeless Needled Suture

for All Surgical Procedures



FOR THE SURGEON

A new sharp needle swaged to each suture, in packs specially designed to open easily, saving time and space in the Operating Theatres. There is an ETHICON* Needle Suture combination for virtually every operative procedure and they are ready for immediate use packed sterile in a plastic box easily identified by colour coding.

*Trade mark

ETHICO N, LTD.

Bankhead Avenue, Sighthill, Edinburgh 11

1

No nourishment here . . .

. . unless an adequate supply of pancreatic enzymes is available to complete digestion.



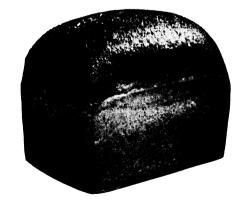
Pancrex V is the most effective preparation for replacing pancreatic secretion in the gut. It is indicated in cystic fibrosis of the pancreas, chronic pancreatitis, pancreatectomy, post-cholecystectomy and in all digestive disorders where a relative deficiency of pancreatic enzymes

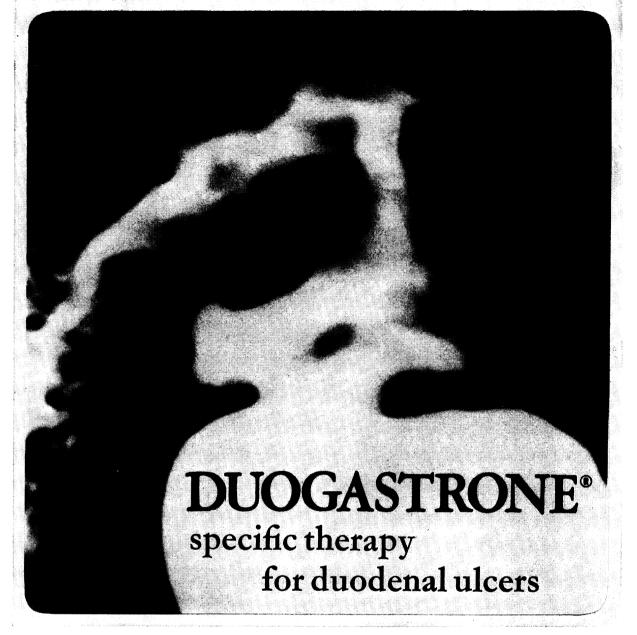
is a contributory factor. Pancrex V is activated, whole dried pancreas

having a tryptic activity approximately equal to 5 times that of Pancreatin B.P.

Pancrex V

References: Diseases of Children (1964), Blackwell, Oxford. Diseases o Infancy and Childhood. 8th Edn. (1962), Churchill, London. Lancet (1960), 1, 365. Brit. Med. J. (1958), 2, 1039





Trials have shown (1-2)

- * radiological disappearance of ulcer crater
- * relief of symptoms within a few days
- * superiority over antacid or anticholinergic therapy

- * patients can lead a normal life
- * dietary restrictions are unnecessary
- * even chronic cases, with a long history of symptoms, respond

Unique 'positioned release' capsules deliver the active ingredient (50 mg carbenoxolone sodium) into the duodenum.

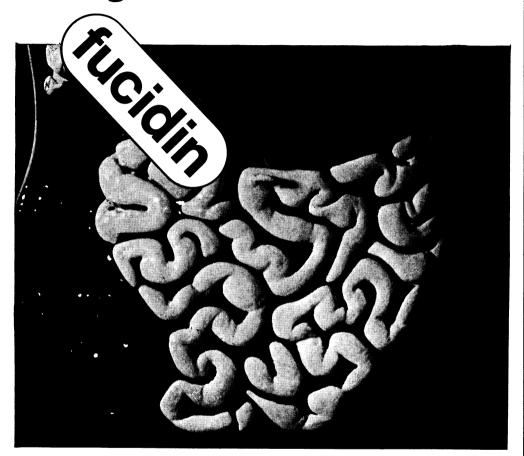
References: 1 Practitioner 1967: 199: 109. 2 Symposium on Carbenoxolone Sodium, Butterworth, London, 1968



Full information available on request from

Berk Pharmaceuticals Limited Godalming Surrey England

in singly occur infection of the gastro-intestinal tract



powerful · bactericidal · antistaphylococcal

The potential severity and the rapidity of staphylococcal enterocolitis demand prompt and specific antibacterial therapy—often well before sensitivity reports become available. FUCIDIN is rapidly and easily absorbed; its unique molecular structure and metabolism lead to biliary concentrations up to 12 times higher than serum levels and bactericidal distribution throughout the alimentary tract. FUCIDIN exhibits remarkable ability to reach the nidus of infection even in the presence of pus, and does not disturb normal bowel flora. For early control of infection FUCIDIN has proved a reliable and economical choice—in over five years of clinical use.

For full literature and prescribing information please write to the Medical Information Department.



Capsules, 250 mg. sodium fusidate B.P., in bottles of 36 and 250; also as Paediatric Suspension equivalent to 35 mg. sodium fusidate per ml., in bottles of 60 ml.



LEO LABORATORIES LIMITED · HAYES MIDDLESEX · TELEPHONE 01-573 6224

Two classic textbooks now published in revised editions

CLINICAL GASTROENTEROLOGY

F. Avery Jones C.B.E. M.D. F.R.C.P., J. W. P. Gummer M.S. F.R.C.S. and J. E. Lennard-Jones M.D. M.R.C.P. Second Edition, May 1968. 912 pages, 103 illustrations.

Gastroenterology is a subject which continues to develop very rapidly and the second edition of what has become a standard textbook brings the reader right up to date with full information on current practice. The emphasis of the book remains predominantly clinical and reflects the practice of gastroenterology at the Central Middlesex Hospital and St. Mark's Hospital, London.

CONTENTS: Alimentary Symptoms; Physiological and Environmental Factors Affecting the Gastrointestinal Tract; Anxiety and other Psychoneurotic States in Relation to Functional Disorders of the Alimentary Tract; Muscular Activity and its Disorders; Disorders of Absorption and Mucosal Permeability; Congenital Anomalies; Torsion and Volvulus; Diverticulosis of the Alimentary Tract; Injury and the Alimentary Tract; Polyps, Polyposis and other Benign Tumours; Malignant Tumours of the Gastrointestinal Tract; Vascular Disorders in Relation to the Alimentary Tract; Gastro-Oesophageal Disorders; Peptic Ulcer; Gastrointestinal Haemorrhage; Gastritis and other Diseases of the Stomach; Crohn's Disease; Proctocolitis; Specific Infections and Infestations; Miscellaneous Gastrointestinal Diseases; Diseases of the Pancreas; Peritoneum and its Disorders; Diagnostic Techniques; Diets and Advice for Patients with Gastrointestinal Disorders.

DISEASES OF THE LIVER AND BILIARY SYSTEM

Sheila Sherlock M.D. F.R.C.P. F.R.C.P.E. F.A.C.P. (HON.). Fourth Edition, April 1968. 832 pages, 288 illustrations. £5 5s.

The book has been completely revised and reorganised. Separate chapters have been allotted to hepatic coma, ascites and cholestasis (which has been reclassified). Particular emphasis has been laid on electron microscopic changes in the various disease states and on the immunological aspects of liver disease, particularly in the chapters on active chronic hepatitis and primary biliary cirrhosis. Variations in serum immunoglobulins are analysed. In addition, this edition introduces new aspects of bilirubin metabolism; intrapulmonary shunting in cirrhosis; aflatoxin in human disease; a new classification of iron storage disease; the diagnosis of presymptomatic Wilson's disease; the relation of cirrhosis to diabetes mellitus; the use of scintiscanning and angiography in localisation of space filling lesions in the liver; hepatic resection and transplantation; the relation of biliary micelles to gall stone formation and the role of infection in biliary disease. There are 96 new figures and at least 1000 important new references from the world literature. In spite of this the edition is very little larger than its predecessor.

Blackwell Scientific Publications Oxford and Edinburgh

Now a perfect picture



New X-Prep the single dose bowel cleanser

X-PREP liquid — a purified, standardised extract of senna fruit — is a potent purgative formulated specially for preparation of the intestinal tract prior to X-ray investigation.

The reliable and predictable evacuant action of X-PREP liquid permits excellent visualisation, particularly in gastro-intestinal and urological procedures. X-PREP liquid eliminates or greatly reduces the need for enemas and does not produce factitious shadows as with castor oil.

Administration of x-prep liquid is extremely simple. Patients are given a bottle with instructions to drink all or part of its contents. No complicated schedules as with tablets, suppositories and enemas are required. The pleasant chocolate flavour of x-prep liquid ensures an exceptionally high degree of patient acceptability.

X-PREP liquid — a disposable unit dose is supplied in $2\frac{1}{2}$ fl. oz. bottles Children under 14 take 2 fl. oz. The patient should be advised to expect strong bowel action and concomitant purging effects after taking X-PREP liquid. X-PREP liquid should be taken between 2 and 4 p.m. on the day preceding radiographic procedure.



Additional information on request from H R Napp Limited Lancing Sussex England

X-Prep is a Trade Mark

🗘 product of Napp Group Research - dedicated to Physician and Patient

JUST PUBLISHED—THE SECOND EDITION OF

GOLIGHER'S

Surgery of the Anus, Rectum and Colon

J. C. GOLIGHER, Ch.M., F.R.C.S., Professor of Surgery, University of Leeds, and Surgeon, Leeds General Infirmary, with the collaboration of H. L. Duthie, M.D., Ch.M., F.R.C.S., Professor of Surgery, University of Sheffield, and Surgeon, Royal Infirmary, Sheffield, and H. Nixon, M.A., M.B., B.Chir., F.R.C.S., Surgeon, The Hospital for Sick Children, Great Ormond Street, and Paddington Green Children's Hospital, London.

This is the second edition of a book widely acclaimed on first publication. It provides a comprehensive survey of contemporary knowledge of the diseases of the anus, rectum and colon and a practical guide to the surgical treatment of these conditions.

Extensive revision has been necessary throughout the text to incorporate the experience gained in surgical procedures since publication of the first edition, in particular in those sections dealing with ulcerative colitis and Crohn's disease.

Two important chapters on paediatric abnormalities have been contributed by Mr. H. H. Nixon, Surgeon to the Hospital for Sick Children, Great Ormond Street, London. Professor H. L. Duthie of the University of Sheffield has contributed new sections on colon motility and pressure recording, and on the mechanisms of anal incontinence. New material has been added on benign juvenile polyps, and throughout there are new sections on diagnosis, treatment and after-care. The illustrative material has also been carefully reviewed throughout and about 200 new figures have been added.

From reviews of the first edition

'This book will take its place as the reference volume on the surgery of the anus, rectum and colon, both at home and overseas.'

British Journal of Surgery

'This book is a "must" for all general surgeons, and indeed, also, for those who specialize in anal, rectal and colonic surgery ... is well written, easy to read, and at once conveys the authors' complete familiarity with the subject.'

The Practitioner

Contents

Surgical Anatomy and Physiology of the Colon, Rectum and Anus With the collaboration of H. L. DUTHIE

Diagnosis of Diseases of the Anus, Rectum and Colon Principles and General Conduct of Minor Rectal Surgery

Haemorrhoids or Piles

Anal Fissure Anorectal Abscess

Fistula-in-Ano

Pilonidal Sinus

Pruritus Ani

Prolapse of the Rectum

Congenital Deformities of the Anorectal Region by H. N. NIXON Megacolon and Other Congenital Anomalies of the Colon by

H. H. NIXON

Anal Incontinence

Benign Polyps, with Particular Reference to Adenoma and Papilloma of the Colon, Rectum and Anus

Incidence and Pathology of Carcinoma of the Colon and Rectum
Clinical Features and Diagnosis of Carcinoma of the Colon and
Rectum

Treatment of Carcinoma of the Colon

Treatment of Carcinoma of the Rectum

Carcinoma of the Anal Canal and Anus

Rarer Tumours of the Colon, Rectum and Anus

Ulcerative Colitis

Other Forms of Colitis and Proctitis

Diverticulosis and Diverticulitis of the Colon

Stricture of the Rectum

Injuries of the Rectum and Colon

Miscellany:—Volvulus, Intestinal Stasis, Pneumatosis Cystoides Intestinalis, Diseases of the Appendices Epiploicae, Melanosis Coli, The Irritable Colon Syndrome, Cathartic Colon, Proctaglia Fugax

Index

Colour plates

Views of Anal Region Showing Various Forms of Piles Proctoscopic Views of Haemorrhoids

Sigmoidoscopic Views of Malignant and Simple Tumours Sigmoidoscopic Views in Proctocolitis

Appearance of Colon at Laparotomy in Two Cases of Colitis
Anal Ulcers in Crohn's Disease: Diverticular Disease

1120 pages 630 illustrations, plus 6 pages of colour plates 210s.

BAILLIÈRE, TINDALL & CASSELL

7 & 8 Henrietta Street, London, WC2

CAVED - (S)

THE LIQUORICE THERAPY, TABLETS FOR PEPTIC ULCERS

In a strictly controlled double blind trial assessed by different members of the medical unit to avoid personal bias good results were demonstrated in gastric as well as duodenal ulcers. Results—healed, good and improved on Caved (S), 89%; good and improved on placebo 30%. No pitting oedema, hypokalaemia, or rise in blood pressure was reported, as has been found in trials with other liquorice based therapies. The activity of Caved-(S) in duodenal ulcer patients was confirmed, of six patients with gastric ulcer included, five healed completely and the other extensively in four weeks. Radiology demonstrated that the drug was spasmolytic with the duodenal ulcer patients. No dietary, drinking or smoking restriction was imposed. All patients were fully ambulant and carrying out their normal work free of the known side effects of carbenoxolone.

Gut. 1968, 9, 48-51.

Very good in vivo acid control.

Med Welt No. 18, 1963.

CAVED-(S) HEALS GASTRIC ULCERS, OBTAINS MARKED IMPROVEMENT AND SPASMOLYTIC ACTIVITY WITH DUODENAL ULCERS, IN FULLY AMBULANT AND WORKING PATIENTS.

NO RESTRICTION OF DIET, DRINKING OR SMOKING IN PATIENTS AGED 12-90 YEARS. IT IS THE ONLY DRUG THERAPY THAT ACHIEVES THIS WITHOUT SALT AND WATER RETENTION.

NO REJECTION OF HYPERTENSIVE PATIENTS

THESE RESULTS HAVE BEEN REPRODUCED IN OTHER TRIALS AND IN HOSPITALS AND GENERAL PRACTICE

CAVED-(S) IS VERY LOW IN COST 7 DAYS FULL TREATMENT DOSE N.H.S. COST 6/9d.

Requests for Representative to call, or for Samples and Literature to: TILLOTTS LABORATORIES, 94 Marsham Street, London S.W.1

BIOGASTRONE®

Specific healing effect

'Carbenoxolone has a specific effect, facilitating healing of gastric ulcer, and is not merely yet another symptomatic measure'. *Brit med J,* 1965, **2**: 1274

Patients remain up and about

'It is the only drug therapy for gastric ulcer which has been demonstrated conclusively to accelerate healing, which can be achieved with patients remaining up and about, often at work, with minimum change in diet'. *Gut*, 1965, **5**:19

the only drug conclusively shown to heal gastric ulcers

without bed rest or dietary restrictions

Tablets of 50 mg carbenoxolone sodium. Please write for full prescribing information.



Berk Pharmaceuticals Limited Godalming Surrey England

ANTIBIOTICS AND THE INTESTINAL FLORA

Treatment with broad spectrum antibiotics suppresses the normal flora, which may be replaced by abnormal resistant organisms causing diarrhoea.

This change can be prevented or reversed by the implantation of *Lactobacillus acidophilus* which has been rendered antibiotic-resistant, and is thus able to multiply freely under these abnormal conditions. The products of growth of this organism are inimical to that of many other bacteria^{1,2} and thus contribute to its rapid preponderance over other species.

Oral treatment with antibiotic-resistant *L. acidophilus* in the form of ENPAC has been shown to eliminate *Candida* from the faeces of infants with antibiotic-induced diarrhoea, with relief of symptoms succeeded by rapid gain in weight^{3,4} and greatly to reduce the numbers of staphylococci in the faeces of patients treated with tetracyclines.⁵

¹ (1958) Ann. Inst. Pasteur **95**, 194. ² (1959) J. Bact. **78**, 477. ³ (1957) Klin. Wschr. **35**, 198. ⁴ (1959) Medizinische **7**, 296. ⁵ (1957) Lancet (i), 899.



LACTOBACILLUS ACIDOPHILUS PREPARATION

Samples and literature will be sent to the medical profession on request to:

APLIN and BARRETT LIMITED ' BIOLOGICALS DIVISION ' TROWBRIDGE ' WILTS TEL. TRO. 3611

BRITISH POSTGRADUATE MEDICAL FEDERATION

(University of London)

GASTROENTEROLOGY

An eight-week POSTGRADUATE COURSE in Gastroenterology will be held at various London hospitals starting on 7th October, 1968, limited to twelve selected students. In addition, an optional two-week clinical attachment at one of the hospitals may be arranged following the end of the course. Further particulars and application forms may be obtained from the British Postgraduate Medical Federation, 18 Guilford Street, London, W.C.1. Closing date for application 13th June, 1968. Consultants and Senior Registrars may apply under the Ministry of Health Advanced Clinical Training Scheme which pays fees and expenses.

ARCHIVES FRANCAISES DES MALADIES DE L'APPAREIL DIGESTIF



The most important French periodical on the subject

Organe Officiel de la Société Nationale Française de Gastro-Entérologie et de ses filiales

Publishing all articles concerning the work of physicians, surgeons, electro-radiologists and biologists which are relevant to Gastro-enterology.

Starting in 1968, the "Archives Francaises des maladies de l'appareil digestif" will publish two numbers a year entitled "Biologie et Gastro-enterologie" devoted to reports on experimental work in gastro-enterology carried out in the new research units of the various French University Hospital Centres.

These articles are original works, clinical, radiological, biological and anatomy-pathological papers (with illustrations and bibliography).

The articles are written in French and followed by a summary in French and English.

The Archives also publishes summaries of the Proceedings of the Societies of which they are the

official organ, the texts of conferences or communications which are presented to them, Proceedings of Congresses or Colloquia, book and journal reviews.

The Archives publishes announcements of national and international meetings on all subjects concerned with Gastro-enterology.

SOME ARTICLES RECENTLY PUBLISHED

Changes in veno-lymphatic circulation, and histological changes in the intestine, liver, peritoneum, and pancreas after thermal coagulation of the thoracic duct in the rabbit at its point of origin. By J. C. SARLES, H. PIETRI and R. ASSADOURIAN.

Studies of intestinal absorption of glucose and lactose in a normal subject, using intestinal perfusion technique. By J. C. RAMBAUD, J. D. SRAER, F. FABIA and J. J. BERNIER.

First reports of experimental electromyographic studies of colonic musculature in man. By D. COUTURIER, C. ROZE, M. M. COUTURIER-TURPIN and C. DEBRAY.

Preliminary reports of tests of urinary excretion using BSP, with diagnostic implication and possible sources of error. By J. TOULET.

Information to be gained from abdominal artery asuculation. By J. WARTER, D. STORCK and A. SACREZ.

Abdominal assuculation as an adjunct in the diagnosis of cancer of the body of the pancreas. By J. WARTER, A. SACREZ, M. O. SPACH and D. STORCK.

Subscription (11 numbers) 1968: France F.110. Other countries F.135.

Specimen copy available on application to:

MASSON & CIE—Editeurs. 120 Boulevard Saint Germain, 75-PARIS 6°

Published 1 June 1967

TISSUE AND ORGAN TRANSPLANTATION

The Proceedings of a Symposium organised by the College of Pathologists

Genetic background and transplantation antigens

J. R. BATCHELOR and B. A. CHAPMAN

Action of lymphocytes in transplantation

J. L. TURK

The role of the macrophage in transplantation immunity

D. C. DUMONDE

Humoral and cell-mediated effector mechanisms in tissue transplantation

GÖRAN MÖLLER and ERNA MÖLLER

Immunological tolerance

N. A. MITCHISON

The response of draining lymph nodes to immunological stimulation in intact and thymectomized animals

DELPHINE M. V. PARROTT

Immunological properties of antilymphocytic serum

M. F. A. Woodruff

Immunosuppressive agents and allogeneic transplantation

M. C. BERENBAUM

Immunosuppressive action of ribonucleases

J. F. MOWBRAY

The relevance of leucocyte antigens for allogeneic renal transplantation

J. J. VAN R

J. J. VAN ROOD, A. VAN LEEUWEN and J. W. BRUNING

The transplantation of cartilage

THOMAS GIBSON

Rejection in treated renal allografts

K. A. PORTER

Grafts of haemopoietic tissue: the nature of haemopoietic stem cells

J. F. LOUTIT

Bone transplantation

J. CHALMERS

PRICE 30s. (U.S.A. \$4.50) including postage

Copies can be ordered now from: The Subscription Manager

JOURNAL OF CLINICAL PATHOLOGY

B.M.A. House, Tavistock Square, London, W.C.1. or through any leading bookseller

Digestion(formerly Gastroenterologia)

International Journal of Gastroenterology

The journal publishes original papers and surveys in the field of gastroenterology by scientists of all countries. Articles are published in English and they are followed by a summary in English, German and French.

One volume of six numbers each is issued annually. Subscription price per volume 136s. or S. Frs. 68 (postage included).

Some recently published contributions in English:

E. D. Palmer (East Orange, N.J.): Course of Esophageal Varices in Cirrhosis, in the Absence of Portal Decompression—O. Hartkopp and P. Aagaard (Copenhagen): Studies on Uropepsin Excretion, Maximal and Basal Acid Output in Recurrent Peptic Ulcer—E. Ventura; and S. Calandra (Modena), M. L. Zeneroli and S. Calandra (Modena): Serum

Ceruloplasmin in Liver Cirrhosis—G. F. GARUSI and L. NOTO (Verona): Inflammatory Pseudo-Tumours of the Caecum—J. TICHÝ and M. HRADSKÝ (Hradec Králové): Ultrastructure of the Gastric Mucosa in Healthy Human Subjects and in Patients with Pernicious Anaemia.

Please ask for specimen copies.

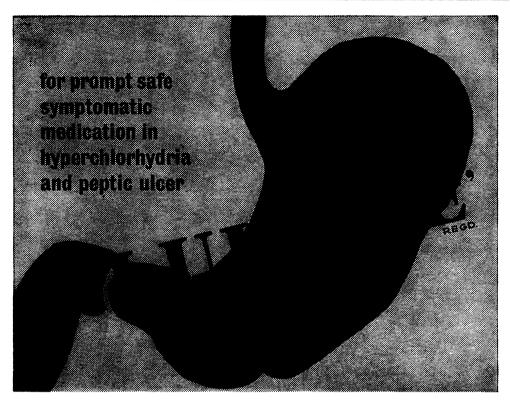
S. Karger

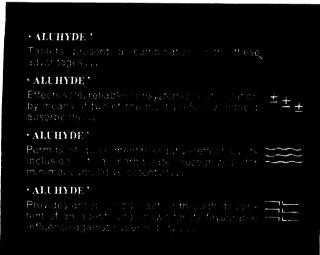
4000 Basel (Switzerland)

New York

Arnold-Böcklin-Strasse 25

All orders from the U.K. to be placed with J. Wiley and Son, Ltd. Baffins Lane, Chichester, Sussex





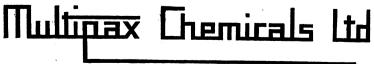
Formula-

Each tablet: Dried Aluminium

Hydroxide Gel, B.P.C. — 3.75 gr. Magnesium trisilicate B.P. — 3.75 gr. Quinalbarbitone sodium B.P.—0.50 gr. Tinct Belladonnæ B.P. — 3.m.

Packings—Regular packs of 50; Dispensing packs of 500.

Samples available on personally signed request of qualified physicians only



121 NORWOOD ROAD HERNE HILL LONDON S.E.24. Phone: TULse Hill 3276

