# in the treatment of peptic ulcer

### ROTER

### has <u>particular</u> advantages





**ROTER** achieves a high cure rate and often gives effective control of even refractory chronic cases which have resisted other treatments.

ROTER in many cases obviates the need for hospitalization or surgical intervention.

**ROTER** helps patients to keep ambulant and symptom-free with a minimum of medication and with few, if any, dietary restrictions.

**ROTER** in general practice enables the physician to take adequate care of his gastric cases without frequent or prolonged supervision.

ROTER has no known side effects.

ROTER requires no supplementary medication such as sedatives or anti-spasmodics.

**ROTER** shows a saving in cost when compared with conventional methods of treatment.

#### REFERENCES

Therapie der Gegenwart, 1953, 3, 108 Gazz. Med. Ital., 1954, 113, 343 Die Medizinische, 1955, 4, 163 British Medical Journal, 1955, 2, 827 C.R.S. Biol., 1956, 150, 1019 Am J. Gastroenterology, 1957, 28, 439 Wiener Med. W., 1958, 108, 218 Ärztliche Praxis, 1958, 10, 766 Journal Lancet, 1960, 80, 37

#### **FORMULA**

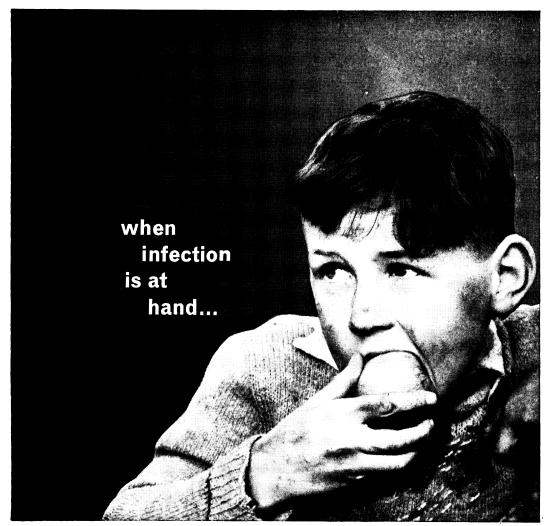
Each Roter tablet contains:
Bismuth Subnitrate Roter (350 mg.), Magnesium
Carbonate (400 mg.), Sodium Bicarbonate
(200 mg.) and Cortex Rhamni Frangulae (25 mg.).

#### **PACKINGS OF ROTER TABLETS**

Tins of 40 and 120, also dispensing sizes, 360 and 720 (P.T. exempt). Basic N.H.S. price: Under 1/- for 10 tablets.

ROTER TABLETS are in Category "S" Literature on Request

II Gut June 1962



### 'Streptotriad'

trade mark
TRI-SULPHONAMIDE/STREPTOMYCIN

### for bacillary dysentery

Each tablet and fluid drachm (3.6ml) of prepared suspension contains:

Streptomycin (as sulphate) B.P. 65 mg.

Sulphamerazine B.P. 65 mg.

Sulphadiazine B.P. 100 mg.

Sulphathiazole B.P.C. 100 mg.

MANUFACTURED BY

MAY & BAKER LTD

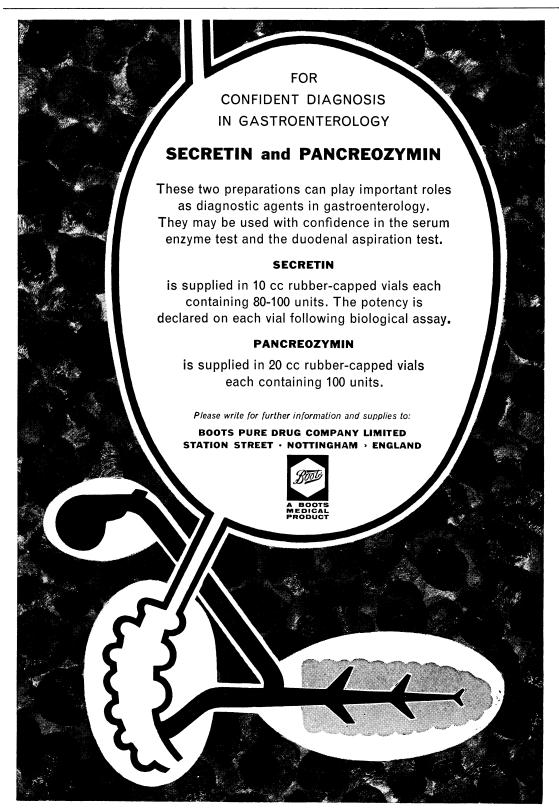
Distributors

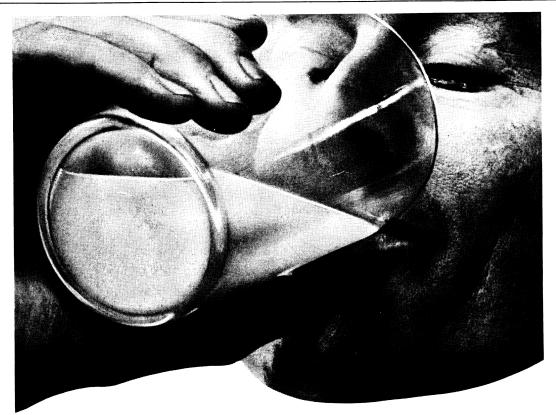
PHARMACEUTICAL SPECIALITIES (MAY & BAKER) LTD · DAGENHAM

MA9357/120



An M&B brand Medical Product





# This is gelusil lac

GELUSIL LAC combines antacids with milk in the form of low-fat, high-protein milk solids. The antacids\* are those recommended in the current British National Formulary. GELUSIL LAC is a natural up-to-date development from 'Gelusil'. It makes the treatment of peptic ulceration simpler for the patient.

GELUSIL LAC is easily and quickly prepared by pouring the contents of a sachet or one dessert-spoonful (8 G.) into half a glass of water and stirring.



Indications: Peptic ulceration; hyperacidity; hiatus hernia; oesophagitis.

Presentation: GELUSIL LAC is conveniently packed in slim, one-dose sachets, easily carried and immediately available to the patient at home or at work. Supplied in cartons of 10 sachets of 8 G. each. Also available in dispensing tins of 200 G.

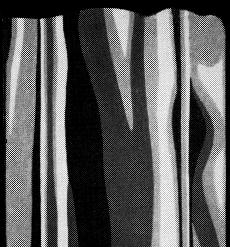
ADVANCED COMBINED-ACTION THERAPY FOR PEPTIC ULCERATION

Dosage: I sachet or one dessertspoonful (8 G.) to be mixed with half a tumbler of water and taken as required. A ready-mixed dose may be left by the bedside in case of early morning waking.

\*Formula: Each 8 G. sachet contains: magnesium trisilicate 1.0 G.; aluminium hydroxide 0.5 G.; low-fat milk solids 6.5 G.

# MERSUTURES\* ETHICON \*





VI Gut June 1962



People with worrying and exacting jobs are prone to gastric disorders.

For such patients 'Stelabid' is indicated. 'Tyrimide', the powerful and long-acting anticholinergic component in 'Stelabid', relieves pain in gastro-intestinal disorders; it inhibits hypermotility and spasm; it reduces excessive gastric secretion.

The 'Stelazine' constituent in 'Stelabid' prevents nausea and vomiting; it also allays the nervous stress and strain which can cause and aggravate gastric disturbances.

Exceptionally long-acting, 'Stelabid' ensures night and day relief of pain on a convenient b.d. dosage regimen.

Each tablet of 'Stelabid' contains 1 mg. 'Stelazine' (brand of trifluoperazine) and 5 mg. 'Tyrimide' (brand of isopropamide)

### STELABID

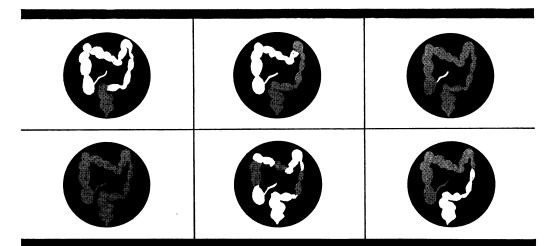
— relieves physical pain and nervous strain in peptic ulcer and other gastrointestinal disorders



Smith Kline & French Laboratories Ltd Welwyn Garden City, Herts

'Stelabid', 'Stelazine' and 'Tyrimide' are trade marks Brit. Pat. Nos. 772921, 813861, 857547 SBD:PA12

### **ULCERATIVE COLITIS**



In Ulcerative Colitis extensive clinical experience confirms

### SALAZOPYRIN

BRAND OF SULPHASALAZINE (SALICYLAZOSULPHAPYRIDINE)

to be a drug of significance in to-day's management of this distressing disease.

(R) PHARMACIA
UPPSALA SWEDEN

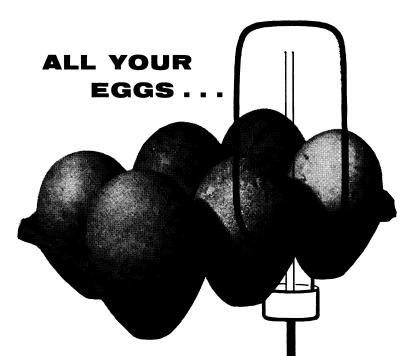
"The present investigation suggests that salazopyrin is a useful drug". Gut 1:217 (1960)

Outstanding characteristics of Salazopyrin treatment are

- Prompt remission of symptoms
- Bleeding and frequency of stools sharply reduced
- In many cases rectal mucosa heals within a month
- Abdominal cramp controlled
- Fever subsides, appetite improves
- Can be given safely over long periods of time

SALAZOPYRIN is also a safe and effective product in other, forms of colitis and regional enteritis.

VIII Gut June 1962



### IN ONE BOTTLE

Not really, because Aminosol Vitrum is a casein hydrolysate. It does, however, provide adequate protein parenterally where oral nutrition

is impracticable.

Supplied as Aminosol Glucose Vitrum (Aminosol G.V.) 307 calories per litre and

Aminosol Fructose Ethanol Vitrum (Aminosol F.E.V.) 875 calories per litre

AMINOSOL

In 500 and 1000 ml. bottles. Aminosol Glucose Vitrum also provided in 100 ml. paediatric size. Further information on request

Vitrum

PAINES & BYRNE LTD., PABYRN LABORATORIES, GREENFORD, MIDDX.

# ACQUIRED SURGICAL LESIONS of the ESOPHAGUS

Bv

CLIFFORD F. STOREY, M.D.

Private Practice, Thoracic and Cardiovascular Surgery, San Diego, California

With a Chapter on "Carcinoma of the Esophagus"

Bv

Eugene G. Laforet and John W. Strieder, both of Boston Univ., and Joseph P. Lynch, Tufts Univ.

Foreword by

ALTON OCHSNER, M.D.

In sixteen chapters, emphasizing the details of surgical management, this concise but comprehensive book offers current opinion on the DIAGNOSIS and MANAGEMENT of all the important acquired surgical lesions of the esophagus.

The ideas and opinions set forth here are those of the authors . . . stated without equivocation where differences of opinion exist.

Various entities dealt with are illustrated by reproductions of appropriate roentgenograms, photographs of gross specimens, photomicrographs, and anatomical drawings. Steps required in the surgical correction of these lesions are clearly depicted by drawings prepared for this publication only.

(The John Alexander Monograph Series)

March 1962 \$19.00 388 pages 240 illustrations

#### You'll be interested also in:

POISONING: Chemistry-Symptoms-Treatments by Jay M. Arena, Duke Univ. Aug. '62

THE CHEMICAL BASIS OF CARCINOGENIC ACTIVITY by G. M. Badger, Univ. of Adelaide, South Australia. May '62

SURGERY OF THE ANUS, RECTUM AND COLON by J. C. Goligher, Univ. of Leeds. May '61, 840 pp., 620 il., \$35.00

PHENYLKETONURIA edited by Frank L. Lyman, Seton Hall Coll. of Med. (With 10 Contributors). Sept. '62

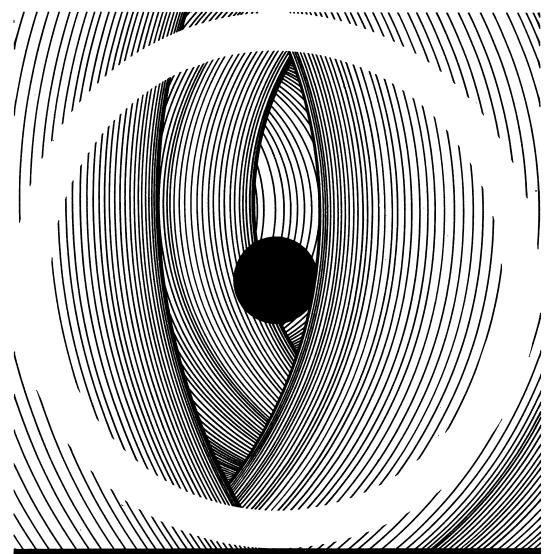
GASTRO-INTESTINAL PHYSIO-LOGY by D. F. Magee, Univ. of Washington. May '62, 236 pp., 133 il., \$11.50

DIAGNOSIS OF UPPER GASTROINTESTINAL HEMORR-HAGE by Eddy D. Palmer, Medical Corps, U.S. Army. March '61, 76 pp., 11 il., \$4.75

DIETARY CONTROL OF HYPER-CHOLESTEREMIA by Dorothy Tompkins Revell, Dakota Clinic, Frago, North Dakota

SMOOTH MUSCLE TUMORS OF THE ALIMENTARY TRACT: Leiomyomas and Leiomyosarcomas, A Review of 2,525 Cases by John E. Skandalakis and Stephen W. Gray, both of Emory Univ. With Duncan Shepard, St. Joseph's Infirmary, Atlanta, and Geoffrey H. Bourne, Emory Univ.

X Gut June 1962



### Power to control a wide variety of intestinal infections

High antibacterial and antiamoebic activity combined with low oral toxicity makes HUMATIN unique among antibiotics for the treatment of a variety of intestinal infections. It is of particular value in the treatment of diarrhoea and dysentery whether bacillary or non-specific in origin. Oral doses of Humatin are not absorbed so that problems of systemic toxicity do not arise.

HUMATIN is also indicated in all phases of intestinal ampebiasis, in the management of hepatic coma and in pre-operative suppression of intestinal flora.

AVAILABLE AS HUMATIN KAPSEALS (paromomycin Parke-Davis) each containing paromomycin sulphate equivalent to 250 mg. paromomycin base. In bottles of 16 and 100.

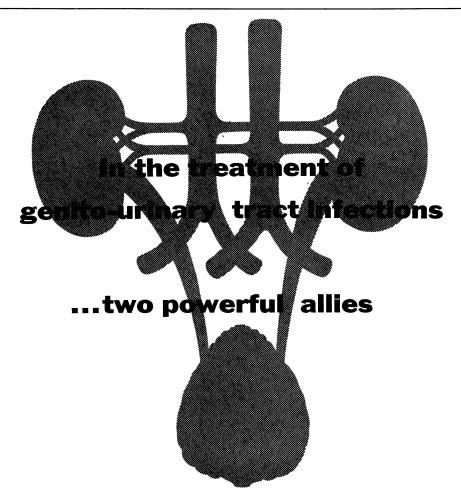
HUMATIN SYRUP in bottles of 60 ml. and 500 ml. containing in each 5 ml. paromomycin sulphate equivalent to 125 mg. paromomycin base. \*TRADE MARK.



UNIQUELY VERSATILE ANTIBIOTIC AND AMOEBICIDE

PARKE-DAVIS

PARKE, DAVIS & COMPANY · HOUNSLOW · MIDDX · TEL: HOUNSLOW 2361



#### **SULPHAMEZATHINE**

Sulphadimidine B.P.

T-- 4- V--1

'Sulphamezathine' is of exceptional value in the treatment of acute or chronic urinary tract infections caused by sulphonamide-sensitive organisms. It is very well tolerated, and renal complications are practically non-existent. Excretion of 'Sulphamezathine' is relatively slow, and effective levels in the blood, tissues and urine can be maintained on a moderate dosage.

Available as Tablets 0.5 g.: basic N.H.S. cost 5/9d. for 100. Oral Suspension: each teaspoonful contains the equivalent of 1 tablet. Bottles of 100 ml. cost 3/4d.

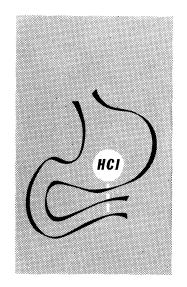
### BIMEZ for longer action

Trade Mar

'Bimez' combines the qualities of 'Sulphamezathine' with the advantage that only one dose per day is required for effective therapy. Available as Tablets and Oral Suspension.

Tablets (0.5 g.) contain
Sulphamezathine (Sulphadimidine B.P.)
0.375 g. and Sulphadimethoxypyrimidine
0.125 g. Basic N.H.S. cost: 12 tablets when
dispensed from the 50's pack is 3/4½d.
(sufficient for a 5 day adult course of
treatment). Oral Suspension (0.5 g.
per teaspoonful). Basic
N.H.S. cost: 30 ml. is 4/-,
or when dispensed from
a 500 ml. bottle is 3/7d.

### transid polyaminostyrene



### for acid transfer

### the polymer for acid transfer

'Transid' is active only against excess acid; it also reduces pepsin activity. Otherwise, 'Transid' is completely inert; it does not interfere with digestion or absorption and cannot cause alkaloses, constipation or diarrhoea. Clinical experience suggests that 'Transid' may succeed in cases of peptic ulcer in which medical treatment with antacids has failed.

#### INDICATIONS:

Peptic ulcer; gastric hyperacidity from whatever cause; dyspepsia of pregnancy

PACK AND BASIC NHS PRICE: 100 foil-pack tablets 10/-.

May we send you a copy of our Standard Publication on 'Transid'? It contains much more information than can be included in a journal advertisement.

#### DUNCAN FLOCKHART OF EDINBURGH

The Doctors' House

Duncan, Flockhart & Co Ltd Wheatfield Rd Edinburgh 11

Of all the array of procedures available for the treatment of peptic ulceration mention must be made of the eminence of propantheline bromide.\*

reduces gastric secretion significantly

relieves pain rapidly

hn Harrison

### **Pro-Banthine**

standard anticholinergic in peptic ulcer therapy

AVAILABLE in 15 mg. tablets of propantheline bromide in packs of 100 and 1000. also available: Pro-Banthine with Dartalan; Pro-Banthine with Phenobarbitone, B. P. BASIC N.H.S. COST 23s. 2d. and 217s. 10d. respectively.

\*Brit. J. clin. Pract. 11 452 (1957)

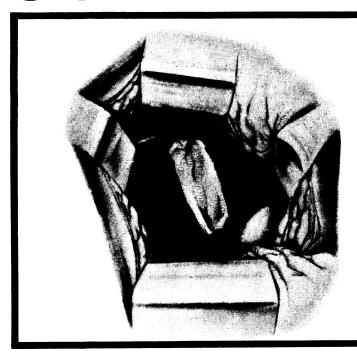
calms hypermotility quickly



G. D. Searle & Co. Ltd.

**High Wycombe Bucks** 

## SURGICEL\* ABSORBABLE HAEMOSTAT



Oozing from the gall bladder bed can be readily controlled by SURGICEL\* which conforms closely to the exposed contour and intimately contacts the bleeding surface.

### **A MAJOR ADVANCE IN HAEMOSTASIS**

effective control of difficult bleeding

SURGICEL haemostatic gauze completely controls capillary and venous oozing. Its use increases the range and safety of surgical procedures on highly vascular areas.

SURGICEL is more easily handled than other agents in this field. It does not fragment, can be sutured in position and adheres closely to the site of bleeding but does not cling to gloves or instruments.

completely absorbed

SURGICEL is made from oxidized regenerated cellulose. It is absorbed with minimum tissue response and may be safely left in situ. No case of intolerance or sensitivity has

Get Britain) Lid

# ASPIRIN IS SAFER WHEN IT IS SOLUBLE

# Soluble aspirin is safer when it is stable



N.H.s. Basic Price 12/6 for 500 tablets in foils.

SOLPRIN provides soluble aspirin in its most stable form and dissolves rapidly in water to form a solution of calcium acetylsalicylate.

SOLPRIN is easy to take and palatable. It has proved rapid and reliable in its analgesic effect and is extremely well tolerated, even in prolonged and massive dosage.

Solprin is not advertised to the public and is available only on prescription. Clinical samples and literature will be supplied on request.

### SOLPRIN

Soluble and substantially neutral



### **GASTROTEST**

TUBELESS TEST FOR GASTRIC ACIDITY



### GASTROTEST is simple to perform

accurate
time saving
a boon to the patient
economical

### GASTROTEST

entails only the administration of oral tablets and checking the urine colour reaction (no boiling and cooling required)



FULLEST INFORMATION ON REQUEST

Ortho Pharmaceutical Limited Diagnostics Division Saunderton · Buckinghamshire



## the corticosteroid tablet your patients DRINK

## Betnesol the soluble steroid

### \_\_\_\_

Betnesol is a tablet of *soluble* betamethasone phosphate. It dissolves spontaneously in water to form a palatable, tinted, particle-free solution for oral administration.

Greater consistency of therapeutic effect
By reducing particle size of corticosteroids,
efficiency of their absorption is increased.
The ultimate attainable is a true solution, the
form in which Betnesol is taken. This ensures
maximum absorption, the most consistent
therapeutic effect, and allows reduction
of dosage in certain cases.

#### Less dyspepsia

Because no solid steroid reaches the stomach, the incidence of gastric disturbance is even less with Betnesol than it is with betamethasone alcohol (Betnelan).

Betnesol Tablets give further good reasons for making betamethasone your *standard* corticosteroid for treating such conditions as asthma, allergies and dermatoses. This compound has enhanced anti-inflammatory activity, and negligible effect on sodium and potassium balance. It offers renewed benefit to patients on long-term steroid treatment.

### **BETNESOL**

Small, scored tablet 0.5 mg betamethasone (as disodium phosphate). In bottles of 30, 100 and 500. Half-strength (0.25 mg) tablets are available in the same quantites.

The name Betnesol is a Glaxo trade mark

Soluble tablets of prednisolone are available under the name PREDNESOL



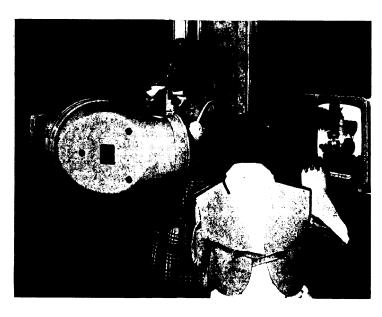
LAXO LABORATORIES LIMITED

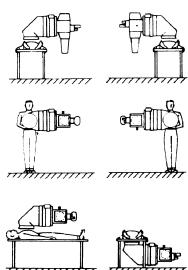
## CINELIX [121/2"]

121/11

The electro-optical image intensifier with the largest screen (121/2" diameter) in the world, now available in three models:

- 1 Cinelix 12½" for television-fluoroscopy
- 2 Cinelix 121/2" for television-fluoroscopy and ciné-fluorography
- 3 Cinelix 121/2" for ciné-fluorography and optical fluoroscopy





#### featuring:

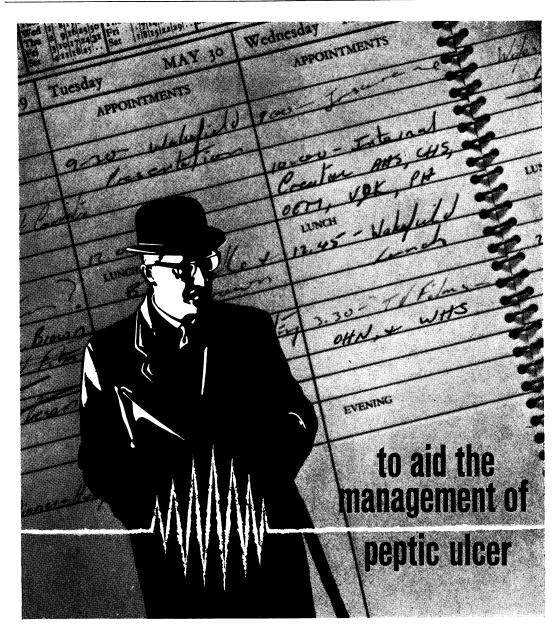
- maximum diagnostic information both by television and ciné-fluorography
- substantial dosage reduction thanks to superspeed Bouwers concentric mirror optics and unique light intensifying system
- possibility of enlarging x 2 the image electronoptically during TV-fluoroscopy and ciné-fluorography
- 35 mm ciné-fluorography up to 50 frames/sec by incorporated special "Old Delft" ciné-camera with 270° open sector
- facilities of adjusting contrast and brightness on the TV-monitor
- TV-fluoroscopy without adaptation
- 360° rotatability permitting examination of standing, recumbent or obliquely positioned patients.

For full information please apply to:

### N.V. OPTISCHE INDUSTRIE "DE OUDE DELFT" DELFT-HOLLAND

10th International Congress of Radiology, Montreal Information Booth 53: Queen Elizabeth Hotel Stand: Windsor Hotel booths 334-339.





PORTYN\* produces marked depression of gastro-intestinal spasm, gastric secretion and hypermotility, and, at effective dosage levels, the incidence of side-effects is unusually low.

PORTYN is thus recommended as an excellent adjunct in the symptomatic control of peptic ulcer and gastro-intestinal spasm.

### PORTYN

### potent anticholinergic agent

PORTYN Kapseals each contain 10 mg. benzilonium bromide. Initial adult dose—1 Kapseal three times daily.

\*\*TRADE MARK

### SECRETORY MECHANISMS OF THE GASTRO-INTESTINAL TRACT R. A. Gregory, D.Sc., M.R.C.S., L.R.C.P.

George Holt Professor of Physiology, University of Liverpool

This book reviews some of the problems which at present engage the attention of those interested in experimental studies on the nervous and hormonal mechanisms controlling the responses of the stomach, pancreas and intestinal glands to feeding.

36s. net

### PHYSIOLOGY OF GASTRIC DIGESTION

A. H. James, D.M., M.R.C.P., M.D., Senior Lecturer, Medical Unit, Welsh National School of Medicine

'A few hours with this book will provide a background of up-to-date information and a stimulus to thought about its clinical application. It will be valued by physiologists and clinicians alike.' The Lancet

28s. net

### DIFFUSE LESIONS OF THE STOMACH

lan Wood, M.D., F.R.C.P., Assistant Director, and Leon Taft, M.B., B.Sc., Pathologist to the Clinical Research Unit, Walter and Eliza Hall Institute, Royal Melbourne Hospital

'It is indeed rare to find so much valuable information put down so attractively within the small scope of 72 pages of text and the book can be strongly recommended.' British Journal of Surgery 24s. net

### PHYSIOLOGY OF THE SALIVARY GLANDS

A. S. V. Burgen, M.D., Professor of Physiology, McGill University, Montreal. and N. G. Emmelin M.D., Professor of Physiology The University, Lund, Sweden

'A clear statement of the present position of our knowledge and the evidence for that position. This monograph will be of value to those working or about to work in this field and for those studying or teaching physiology for higher degrees.' British Medical Journal 35s. net

GASTRIC CYTOLOGY: Principles, Methods and Results R. O. K. Schade, M.D., M.R.C.S., L.R.C.P., Senior Lecturer in Pathology, Royal Victoria Infirmary, Newcastle-on-Tyne

'This is a valuable book for anyone engaged in exfoliative cytology and indispensable to those working in the field of gastric pathology and diagnosis.' *Journal of Pathology and Bacteriology* 35s. net

Edward Arnold (Publishers) Ltd. \* 41, Maddox Street, London W.I

### **CLINICAL PATHOLOGY**

The JOURNAL OF CLINICAL PATHOLOGY publishes original articles covering the whole field of clinical pathology. Review articles on topics of contemporary importance are specially commissioned from time to time, and each issue of the journal is carefully designed to maintain a balance between the interests of clinical pathologists of all disciplines. Technical methods form an important section of the journal and book reviews are also published. The journal is extensively illustrated, and in colour where necessary.

The July issue will include a review paper on needle biopsy of the liver by Professor Sheila Sherlock, of the Royal Free Hospital, London. The paper covers the selection and preparation of the patient, the techniques and apparatus necessary for needle biopsy (including liver biopsy on children), and a discussion of the histological appearances in different disorders of the liver. This issue will also include a paper on methods of testing the bactericidal action of certain combinations of antibiotics and the clinical results, and the Kettle Memorial Lecture (The conflict of living matter with the mineral world: the pneumoconioses) by Professor A. Policard of Paris. The other interests of the journal are well represented in the 100 fully illustrated pages of this issue. The Proceedings of the last scientific meeting of the Association of Clinical Pathologists will also be included.

Annual Subscription (Six issues a year) £4 4s. (U.S.A. and Canada \$13.50)
Write to the Subscription Manager

JOURNAL OF CLINICAL PATHOLOGY

B.M.A. House, Tavistock Square, London, W.C.1