

The cost of an eyeless needled suture won't be Mrs Simpson's first concern, will it be yours?



ETHICON

TRADEMARK

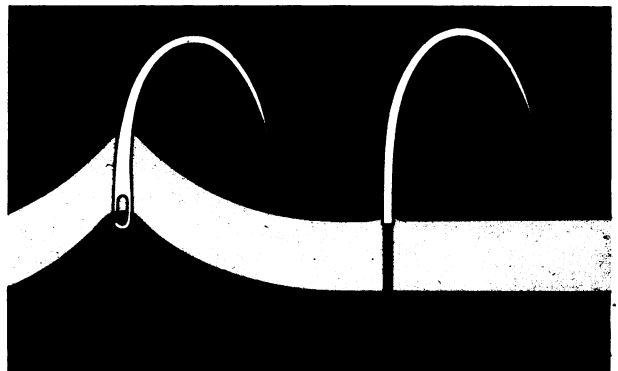
Can you put a price on efficiency?



Elderly, overweight Mrs. Simpson. A case where friable tissue will be encountered and where wound security will be at risk. Nevertheless the need to minimise trauma remains and you will need all the help you can get from your sutures. One of the innumerable cases where you cannot balance the cost of suturing against the cost to the patient.

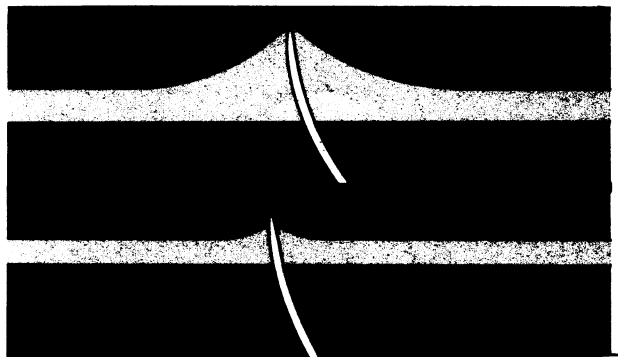
MINIMAL TRAUMA

ETHICON swaged needle draws a single strand suture through tissue easily. No dull or broken needles, no frayed or torn sutures and no large eye or double strand to pull through friable tissue.



SUPER SMOOTH PASSAGE

ETHICON super-smooth needles pass easily, with minimal resistance through the toughest tissue. You get a sharp new needle every time.



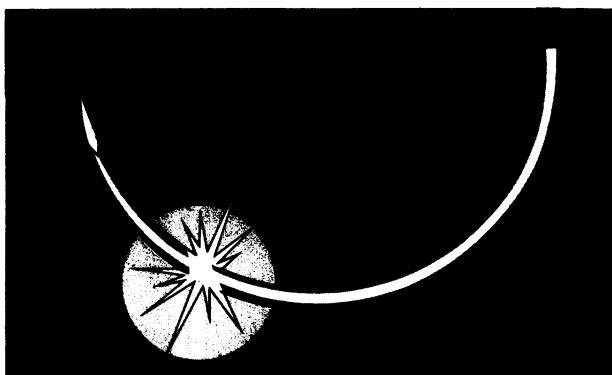
There are certain undisputed facts.

With ETHICON* eyeless needled sutures, you can count on getting a new sharp needle every time.

You won't be wasting the valuable time required by skilled personnel for the preparation of an eyed needle from one operation to another. You'll have less risk of needle breakage or fraying and torn sutures.

These are advantages which are hard to put in straight financial terms.

ETHICON eyeless needled sutures in general closure save time...reduce inventory...minimise trauma.



ETHICON HEAVY TAPERCUT* NEEDLES

The best qualities of two needles combined in one. An efficient cutting point—to permit ease of penetration in tough or calcified tissue—leading to a round body for minimum trauma.



ETHICON HEAVY ROUND BODIED NEEDLES

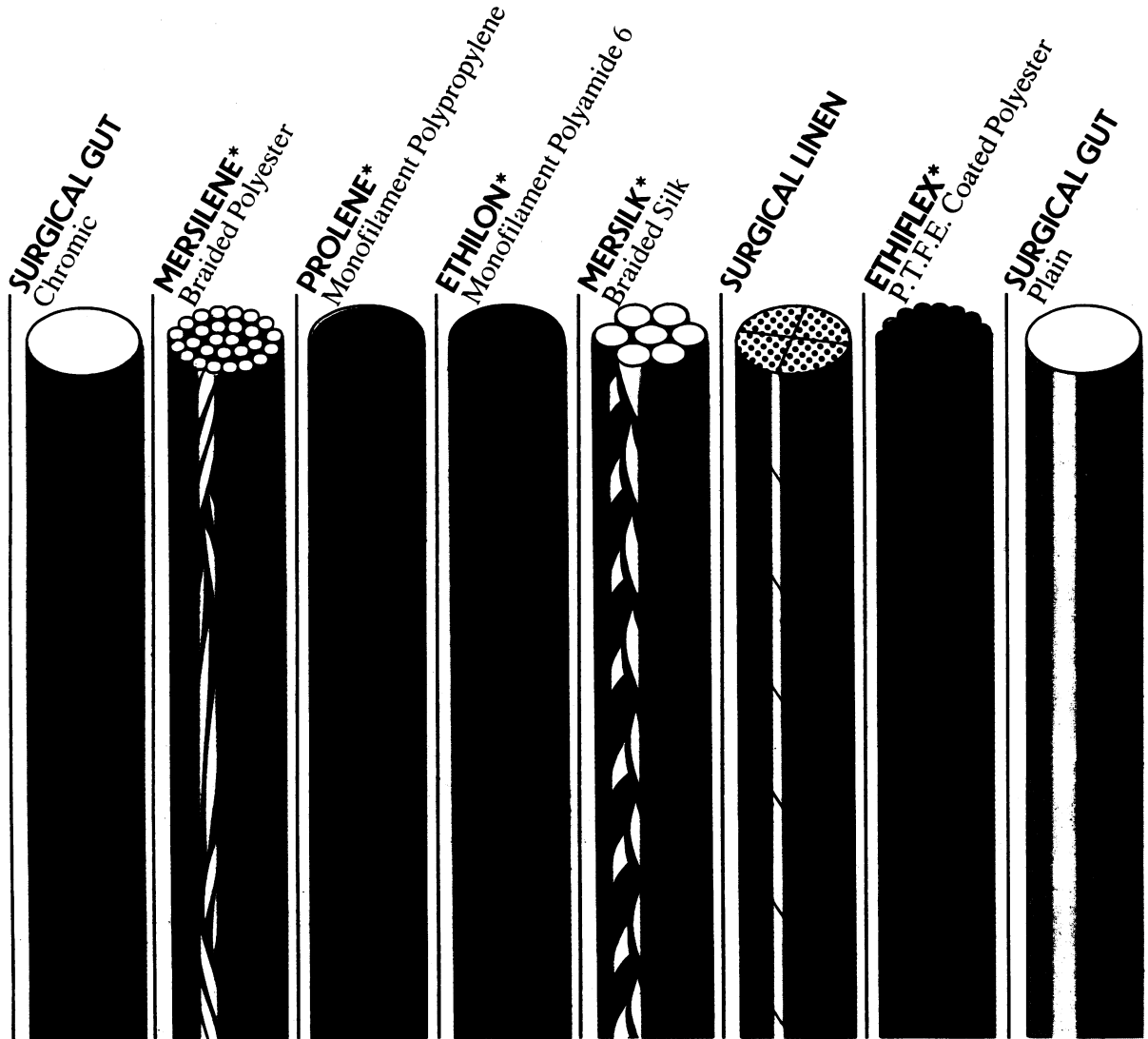
The ideal general closure needle developed from the original Mayo's needle. Easy to handle with good penetration yet with the non-traumatic qualities endowed by a round profile swaged to a single suture.

The perfect needle matched to the perfect suture.

Choose from 8 tried and tested suture materials, each designed for specific surgical tasks, each securely swaged to a needle of your choice.

ETHICON eyeless needed sutures are supplied in easy to use

sterile packs. Absorbable and non-absorbable, materials made to the most exacting standards, assuring you of dependability you can count on, case after case, day after day, year after year.

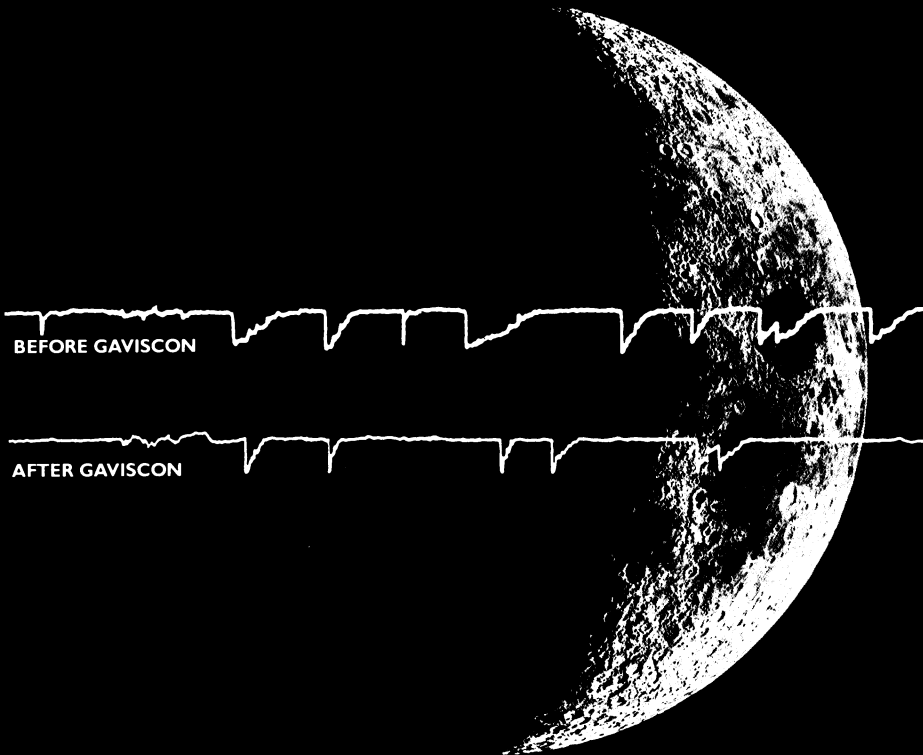


© ETHICON LTD. 1974* Trade mark.

ETHICON
Leadership in wound repair

ETHICON LTD., Bankhead Avenue, Edinburgh EH11 4HE, Scotland.

Hardly a trace of night-time reflux heartburn



Reflux of gastric contents into the oesophagus tends to occur more readily at night when the patient is lying asleep. This leads to night-time heartburn and disturbed sleep.

By protecting the oesophageal mucosa from reflux attack Gaviscon relieves night-time heartburn as no other preparation can.

In a recent trial* intra-oesophageal pH traces recorded over a continuous fifteen hour period, including the hours of sleep, showed:

"... that both the number of reflux episodes and the percentage time during which intraoesophageal pH is in the acid range are significantly reduced by Gaviscon but not by antacids or by placebo".

Which means goodnight to heartburn!

GAVISCON®

CAPS EVERYTHING IN NIGHT-TIME HEARTBURN

Gaviscon contains: Alginic Acid B.P.C., Sodium Alginate B.P.C., Magnesium Trisilicate B.P., Dried Aluminium Hydroxide Gel B.P., Sodium Bicarbonate B.P., Sucrose B.P. and Mannitol B.P. Gaviscon is available as mint-flavoured tablets and chocolate-flavoured granules.

*Lancet (1974), i, 109. Fig. continuous recording of lower oesophageal pH before and after treatment with Gaviscon.

Further information is available on request from:
RECKITT & COLMAN PHARMACEUTICAL DIVISION, HULL HU8 7DS.





Converts to Noxyflex are legion among concerned clinicians and senior sisters throughout the country. To them we do not preach. To others we speak of the singular effectiveness of Noxyflex against the intrusion of bacteria. When Noxyflex is applied directly to the site of existing or threatened infection (irrespective of sensitivity to any other anti-bacterial agent) its performance is impressive. Our literature carries the weight of extensive clinical evaluation. Have you copies?

Its uses, and users, increase.

Noxyflex

Geistlich Chester



Every
picture
tells a
story...

Baritop 100 gives the quality and accuracy expected of Double Contrast X Rays.

"...Small gastric carcinomas of the order of 2-3 cm can be demonstrated, benign and malignant disease can be distinguished and the surface changes in such conditions as chronic erosive gastritis and Menetriere's disease can be visualised as well as the small 'ulcers' following endoscopic biopsies".

KREEL et al, Clin, Radiol. (1973) 24 307.

Baritop 100

Baritop 100 is an elegant, palatable radiological barium suspension at 100% w/v in convenient 300 ml. cans.*Baritop Effervescent tablets for use with Baritop 100 are available.

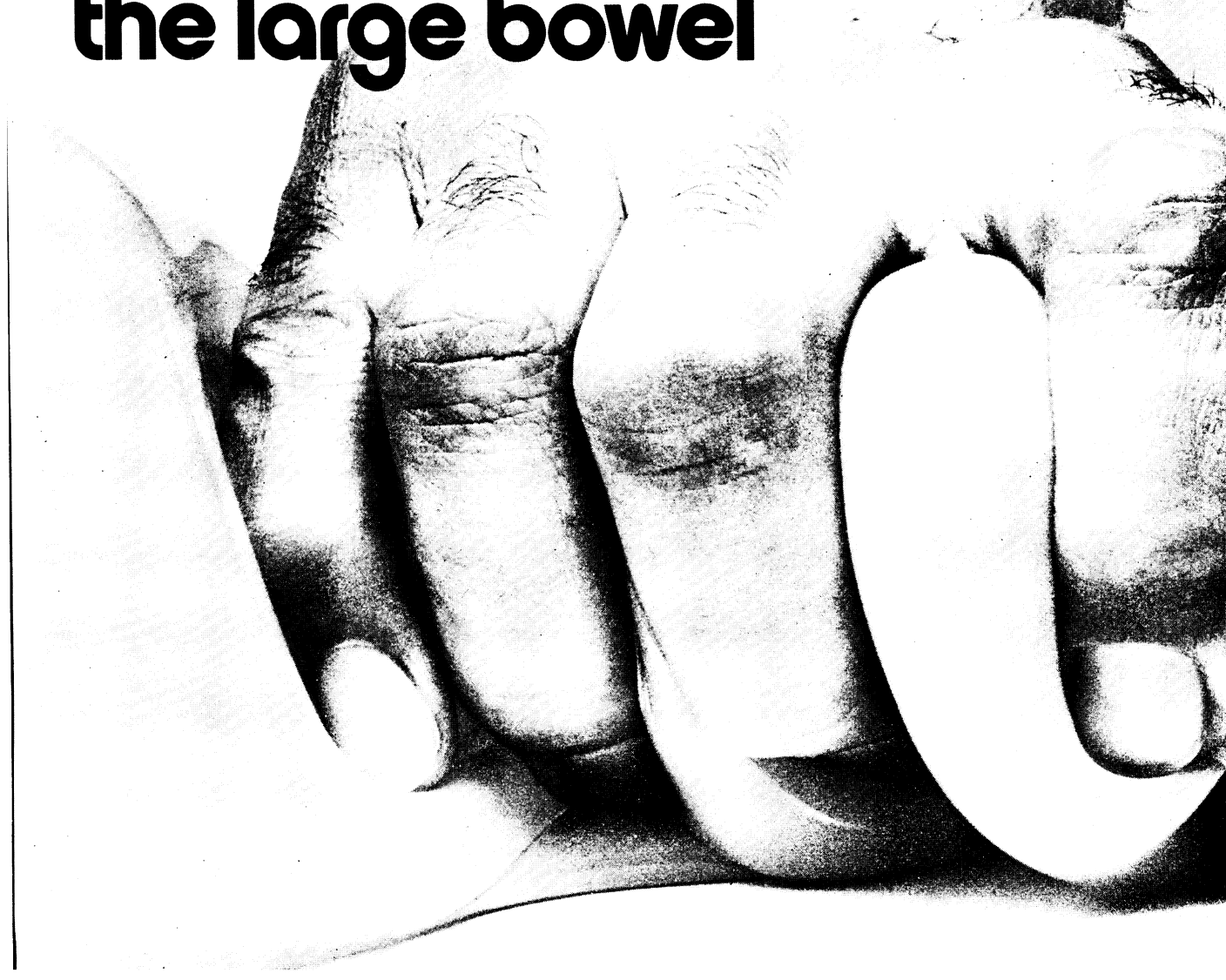
Full information is available on request from:

 Concept Pharmaceuticals Ltd.
Rickmansworth WD3 1EZ

*Baritop is a registered trade mark.

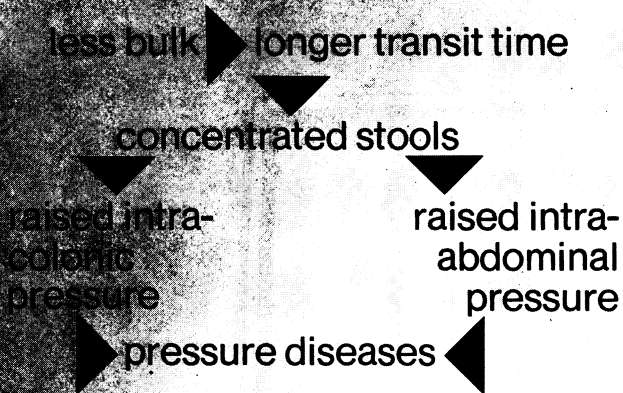
Fybogel

**the new therapeutic
solution for the treatment
of pressure diseases of
the large bowel**



DIVERTICULAR DISEASE IRRITABLE/SPASTIC COLON HAEMORRHOIDS ANAL FISSURE

These are the pressure diseases of the large bowel—a wide range of conditions with a common aetiological factor: low level of fibre in the diet, resulting in:



The pressure problem

Raised intra-colonic pressure due to excessive segmentation. This leads to the formation of diverticula when pressure builds up in an occluded segment.

Raised intra-abdominal pressure due to straining to evacuate the resulting concentrated stools. This may lead to the formation of haemorrhoids when pressure on the pelvic diaphragm occludes the venous return from the haemorrhoidal plexus.

Fybogel—the natural solution

By providing a natural fibre regimen Fybogel treats the main cause of pressure diseases—a low level of dietary fibre. Fybogel is a controlled regimen, presented as granules in single dose sachets. The granules disperse in water to make a palatable drink.

Full information is available on request from:

Reckitt & Colman Pharmaceutical Division,
Hull HU8 7DS.

Each sachet contains 3.5g Ispaghula Husk BPC in an effervescent base.





No fear of a relapse with this patient. When it's gastric or duodenal ulcer, prompt initiation of Caved-S therapy gets them back to normal without delay.

Caved-S contains deglycyrrhizinated liquorice which has become established as a first line treatment for the symptomatic relief of peptic ulcer pain, because it heals.

The unique formulation of Caved-S promotes the healing of gastric and duodenal mucosa in a positive way, therefore dispensing with the need for an additional antacid regimen.

Caved-S also allows flexibility of dosage, enabling you to treat the chronic or severe ulcer patient without the risk of untoward effects.

Full prescribing information is available on request.

Thanks to

CAVED-S
the ulcer fighter



The single solution

for parenteral nutrition

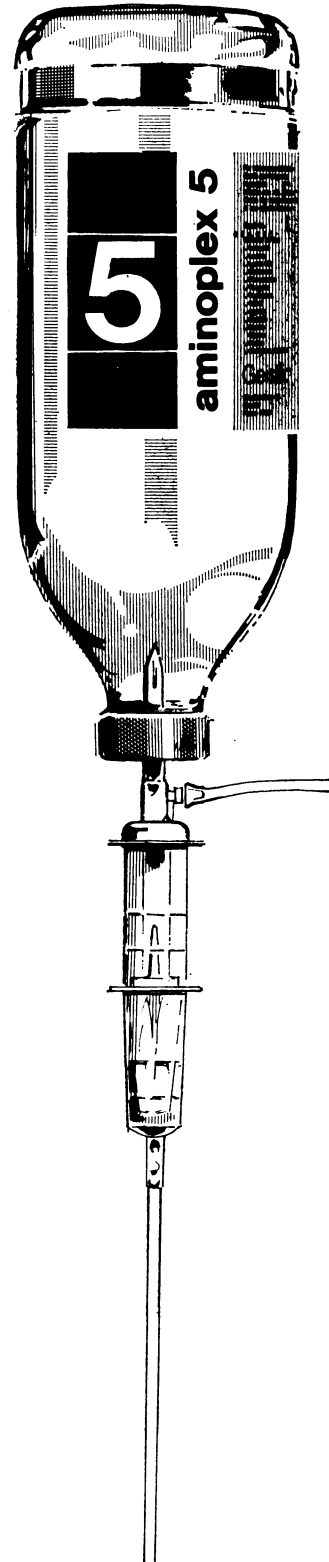
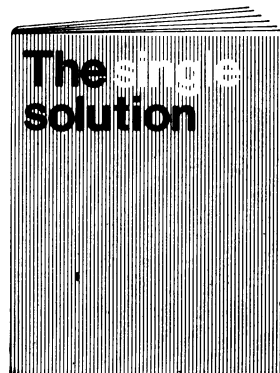
Aminoplex 5

1 litre three times per day provides 15g. of utilisable nitrogen and 3000K calories; the nutrient content being derived from synthetic L-Form amino acids, sorbitol and alcohol.

Geistlich Chester

*In co-operation with Salvia-Werk
G.m.b.H., Homburg/Saar, W. Germany.*

Medical literature
available from:
Geistlich Sons Ltd.,
Newton Bank,
Long Lane,
Chester CH2 3QZ.
Telephone
Chester 47534-7



Duogastrone is receiving full recognition



In recent years, increasing use of the fibroscope has confirmed what clinical papers* have been saying for some time—Biogastrone and Duogastrone are highly effective, specific ulcer-healing agents. What is more—both gastric and duodenal ulcers have been seen to heal more rapidly than with other treatments. And because they eliminate the need for long-term treatment with antacids or anti-cholinergics, these preparations make economic, as well as therapeutic sense.

**more than 40 English language papers have been published on the clinical use of carbenoxolone.*

BIOGASTRONE

Carbenoxolone sodium tablets *heal* gastric ulcers

DUOGASTRONE

Carbenoxolone sodium capsules *heal* duodenal ulcers

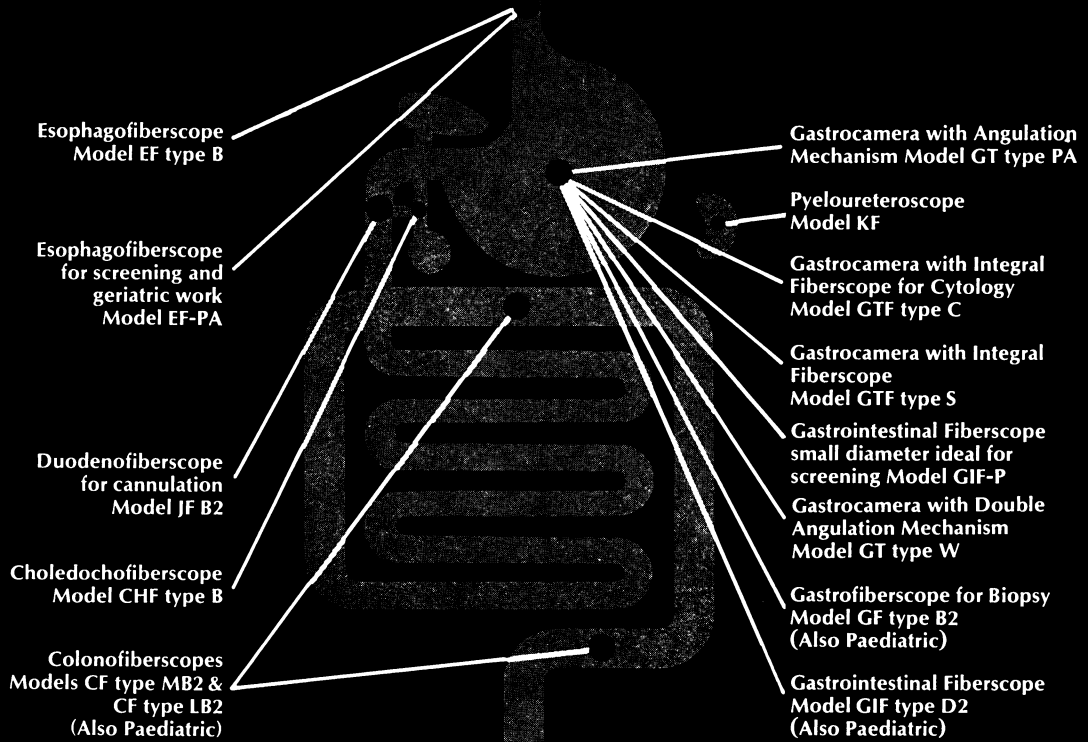


Further information is available from
Berk Pharmaceuticals Limited
Shalford, Surrey, England.



The Queen's Award to Industry 1972 to Biorex Laboratories Limited for Technological Innovation in the Development and Production of the drug carbenoxolone sodium for the treatment of ulcers. Made under licence from Biorex Laboratories London.

British Patent numbers 843133, 1093286 *Registered trade mark.
J4388



if gastroenterology interests you take a closer look

KEYMED boasts the most comprehensive fund of expertise in fiberoptic endoscopy.

Olympus instruments: Olympus, world leaders in fiberoptic endoscopes – cover more specialities than any other, with the finest instruments.

The first – and only range of accessories designed specifically for endoscopists – the endoscopy trolley, cleaning unit, security storage cupboard, etc. all by Keymed.

KEYMED *the specialist service for endoscopy equipment.*

KEYMED

specialised medical equipment limited



KeyMed House
Stock Road Southend-on-Sea SS2 5HQ
Further information can be simply obtained by using the
KEYMED Free Post Information Service,
addressing envelope without postage to:
Keymed Free Post Southend-on-Sea SS2 4BR.

*Specialised services
for medicine and industry*

REVISTA ESPAÑOLA DE LAS ENFERMEDADES DEL APARATO DIGESTIVO

(Spanish Journal of the Diseases of the
Digestive System)

Londres, 41. MADRID—28. (Spain)

A careful selection of papers, the collaboration of some of the most prestigious Doctors of the Speciality and the careful edition of every issue make this publication one of the best in Spain.

The following data give an idea of the volume and rhythm of edition of this Journal:

Number of pages on scientific and informative text:

In the year 1967,	1320 pages	and 590 figures		
„ „ „ 1968,	1544	„ „ 666	„	„
„ „ „ 1969,	1566	„ „ 660	„	„
„ „ „ 1970,	2352	„ „ 864	„	„
„ „ „ 1971,	1446	„ „ 1148	„	„
„ „ „ 1972,	1562	„ „ 1046	„	„
„ „ „ 1973,	2434	„ „ 1137	„	„

If you subscribe to REVISTA ESPAÑOLA DE LAS ENFERMEDADES DEL APARATO DIGESTIVO you will be always informed of the progress made in the speciality because it provides:

- Experimental scientific information
- Resolution of cases
- Prestige for your library

It will keep you up to date in the speciality and in the professional movement of gastroenterologists and pathologists.

You will be also informed of all the Congresses, Meetings, Courses, etc.

Ask for a sample copy.

Price for annual subscription: \$ USA 30 (20 issues)

The Cell and Cancer

The Proceedings of a Symposium organized by the Royal College of Pathologists

Edited by A. R. Currie

Experimental alteration of the phenotype of animal cells *in vivo* CHARLES B. HUGGINS

The cell—Molecular pathology of the cancer cell JOHN PAUL and IVOR HICKEY ● Human genetic markers as tracers of tumour histogenesis PHILIP J. FIALKOW ● Cell hybridization and cancer J. F. WATKINS ● The mitotic cycle and cell population control L. F. LAMERTON ● Some studies on early embryonic development relevant to the study of cancer H. R. WOODLAND ● Ligand-induced redistribution of membrane macromolecules: some possible implications for cancer MARTIN C. RAFF and STEFANELLO de PETRIS ● Death in normal and neoplastic cells A. H. WYLLIE ● Lysosomes in cancer cells A. C. ALLISON

The neoplastic cell—The effects of steroid hormones and carcinogens on the interaction of membranes with polysomes B. R. RABIN, CAROL A. BLYTH, DELMA DOHERTY, R. B. FREEDMAN, ANNE ROOBOL, G. SUNSHINE, and D. J. WILLIAMS ● Effects of tumour viruses on cell growth M. G. P. STOKER ● Hormones and neoplasia A. P. M. FORREST

Tumour immunity—The lymphoid system and experimental neoplasias A. J. S. DAVIES, B. J. WESTON, R. L. CARTER, and T. A. CONNORS ● The role of macrophages in tumour immunity PETER ALEXANDER ● The role of circulating antibody in the control of metastases M. G. LEWIS

Tumour differentiation—Differentiation in breast cancer STRETTON YOUNG, LILLIAN S. C. PANG, and IAIN GOLDSMITH ● Tumours of the lymphoreticular system: nomenclature, histogenesis and behaviour N. F. C. GOWING ● Enzymes and histological differentiation of tumours C. C. BIRD

Tumour-associated products—Nature and significance of the antigens associated with human gastrointestinal tumours P. BURTIN ● Clinical value of tumour-associated antigens A. MUNRO NEVILLE ● Tumour-associated hormonal products J. LANDON, J. G. RATCLIFFE, LESLEY H REES, and A. P. SCOTT

Price £2.25 (U.S.A. \$6.75) including postage

This publication can be ordered now from

The Publishing Manager, BRITISH MEDICAL JOURNAL,
B.M.A. House, Tavistock Square, London WC1H 9JR.

Disorders of Lipid Metabolism

*The Proceedings of a Symposium organised by the
Association of Clinical Pathologists.*

Edited by G. K. McGowan and G. Walters

Contents

Cholesterol metabolism	N. B. MYANT
Plasma triglyceride metabolism	D. S. ROBINSON
Phospholipids and their metabolism	D. GOMPERTZ
Lipid methodology	D. G. CRAMP
Diet and triglyceride metabolism	IAN MACDONALD
Classification of lipoproteins and lipoprotein disorders	BARRY LEWIS
Lipoprotein fractionation	K. CARLSON
The pathogenesis of atherosclerosis	C. W. M. ADAMS
Plasma lipids and atherosclerosis	LARS A. CARLSON
Evidence for a defect in fatty acid uptake by adipose tissue of patients with hypertriglyceridaemia	LARS A. CARLSON, GÖRAN WALLDIUS, and ANDERS G. OLSSON
Hypolipoproteinaemia	JUNE K. LLOYD
The enterohepatic circulation of bile acids as they relate to lipid disorders	R. HERMON DOWLING
Secondary hyperlipidaemia	ALAN CHAIT
Therapy of lipid disorders	DENNIS M. KRIKLER

PRICE £2.00 (U.S.A. \$6.00) including postage

This publication can be ordered from

The Publishing Manager, JOURNAL OF CLINICAL PATHOLOGY
B.M.A. House, Tavistock Square, London WC1H 9JR

DEUTSCHE ZEITSCHRIFT FÜR VERDAUUNGS- UND STOFFWECHSELKRANKHEITEN

einschließlich Theorie und Praxis der Krankenernährung

Founded in 1938 by Max Bürger

Journal of the "Gesellschaft für Gastroenterologie und Ernährung der DDR"

Edited by Prof. Dr. Martin Gülzow, Rostock, Prof. Dr. Dieter Lohmann, Leipzig, with contributions by numerous well-known scientists

1 volume in 6 numbers annually. Subscription rate per volume M.31,80 including postage

The aim of the "Deutsche Zeitschrift für Verdauungs- und Stoffwechselkrankheiten" is to acquaint specialists of the various realms, whose scientific or practical work is connected with this field, with the latest results. It carries on the tradition of the oldest gastroenterological journal in German, the "Archiv für Verdauungskrankheiten". Apart from the original contributions, which make up the bulk of the contents, there are topical surveys, reports about congresses from home and abroad, book discussions and discussions of important articles published in other periodicals.

Of interest to: Gastroenterologists, Pediatricists, Surgeons, Internists, Röntgenologists and all specialists in this field

From the contents of the last numbers:

Ošancová, K., und S. Hejda (Prag): Nahrungsaufnahme von adipösen und nichtadipösen Personen

Aoyagi, K., K. Sengoku, T. Shimomura, M. Hatano und E. Hamaguchi (Tokio): Beziehungen zwischen Hyperthyreose und peptischem Geschwür. Mit 9 Abbildungen

Lohmann, D., und P. Koll (Leipzig): Körpergewicht und Therapieform im Verlauf des Diabetes mellitus. Mit 2 Abbildungen

Wolff, G., Z. Badral, und Jamin-Scharar (Berlin): Über die chronische Gastritis in der Mongolischen Volksrepublik

Koelsch, K. A. (Magdeburg): Fortschritte der gastroenterologischen Endoskopie und Biopsie in den letzten Jahrzehnten

Lusztig, G., und A. Hesz (Bács-Kikun): Vergleichende Untersuchungen von infakten und atherosklerotischen menschlichen Aortenwandschichten, mit besonderer Berücksichtigung der Adventitia (Mukopolysaccharide)

Rostock, K.-J., und Renate Claus (Rostock): Primäre Leberkarzinome—eine klinische Studie

Teichmann, W., und H. Jahn (Rostock): Über den gesamten Gallenfarbstoffgehalt des Serums bei Ikterums unterschiedlicher Genese. Mit 1 Abbildung

Nilius, R., R.-W. Rath, und P. Zipprich (Halle): Immunglobulinkonzentrationen im Serum in Relation zur intrahepatischen Mesenchymzellreaktion. Mit 1 Abbildung

Liebe, S., H. Petzold, und R. Rogos (Leipzig): Die alkalische Bindegewebsphosphatase des Serums—ein Kriterium für die Aktivität chronischer Lebererkrankungen. Mit 4 Abbildungen



Please ask for the new prospectus

JOHANN AMBROSIOUS BARTH LEIPZIG
DDR-701 Leipzig, Salomonstrasse 18b, Postfach 109