

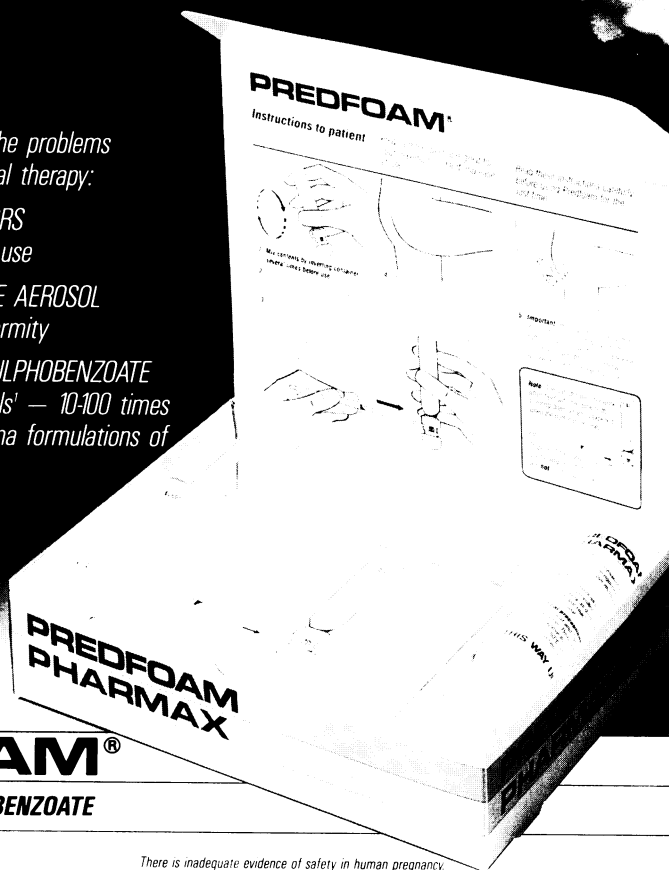
THIS WAY UP

# Ulcerative Colitis?

dispose of a problem...

... How Predfoam helps solve the problems currently associated with local therapy:

- **DISPOSABLE APPLICATORS**  
— Clean and simple to use
- **UNIQUE METERED DOSE AEROSOL**  
— Ensures dosage uniformity
- **PREDNISOLONE METASULPHOBENZOATE**  
— High local tissue levels<sup>1</sup> — 10-100 times those produced by enema formulations of prednisolone<sup>2</sup>



## PREDFOAM®

### PREDNISOLONE METASULPHOBENZOATE

#### Prescribing Information

**Presentation:** A white mucoadherent aerosol foam containing prednisolone metasulphobenzoate sodium equivalent to 20mg prednisolone per metered dose.

**Uses:** Treatment of proctitis and ulcerative colitis.

**Dosage and Administration:** One metered dose inserted rectally once or twice daily for two weeks, extending treatment for a further two weeks when a good response is obtained.

**Contra-indications, warnings, etc.**

**Contra-indications:** Local conditions where infection might be masked or healing impaired eg. peritonitis, fistulae, intestinal obstruction, perforation of the bowel.

**Side effects:** The consequences of systemic absorption should be considered with extensive use over prolonged periods. As with all rectal corticosteroids, prolonged continuous use is undesirable.

*There is inadequate evidence of safety in human pregnancy. Topical administration of corticosteroids to pregnant animals can cause abnormalities of foetal development including cleft palate and intra-uterine growth retardation. There may therefore be a very small risk of such effects in the human foetus. Overdosage by this route is unlikely.*

**Legal Category:** POM  
PL 0108/0101

**Pack and basic NHS price:** Box containing 1 fourteen-dose canister, 14 disposable nozzles and 14 plastic bags £7.00

\* Registered Trade Mark

**References:** (1) McIntyre, PB. et al. (1985) *GUT* **26** 822-824  
(2) Rodrigues, C. et al. (1987) *Lancet*, June 27th, 1497.

Full information is available on request

**PHARMAX LIMITED**  
Bourne Road, Bexley, Kent. DA5 1NX  
Telephone 0322 91321



# NEW

# ANNOUNCING THE FIRST SPECIFICALLY DEVELOPED

## THE IMPORTANCE OF NIGHT-TIME COVER

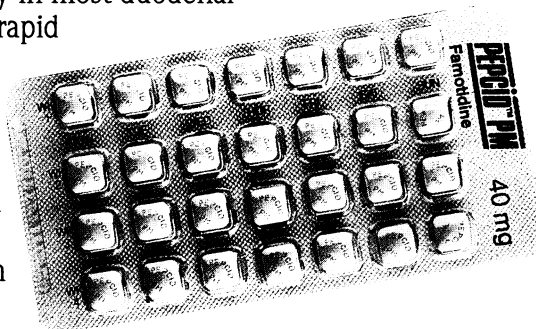
Leading gastroenterologists say that the inhibition of nocturnal acid is the key to successful peptic ulcer therapy.<sup>1,2</sup>

During the day, normal gastric acid is required for natural digestion and as protection against unwanted ingested bacteria. 'PEPCID' PM, the first H<sub>2</sub>-receptor antagonist specifically developed for night-time use, inhibits acid production when it's not needed.

'PEPCID' PM, when administered at night, effectively controls nocturnal acidity in most duodenal ulcer patients, providing rapid

healing and swift relief of pain. 'PEPCID' PM has been shown to achieve a 90.5% healing of duodenal ulcers within four weeks<sup>4</sup> and up to 81% of gastric ulcers within eight weeks.<sup>5</sup>

That's 'PEPCID' PM, a simple, once-nightly 40 mg tablet, supplied in a convenient 28-day calendar pack to help maximise compliance.



## ABRIDGED PRODUCT INFORMATION ▼

Full prescribing information is available and should be consulted before prescribing.

**INDICATIONS** Duodenal ulcer; prevention of relapses of duodenal ulceration; benign gastric ulcer; hypersecretory conditions such as Zollinger-Ellison syndrome.

**DOSAGE** In duodenal and benign gastric ulcer, 40 mg at night for four to eight weeks.

For prevention of duodenal ulcer recurrence, 20 mg at night.

Initiate antisecretory therapy of Zollinger-Ellison syndrome with 20 mg every six hours and adjust to individual response. Maximum 480 mg daily.

**CONTRA-INDICATION** Hypersensitivity.

**PRECAUTIONS** Exclude any likelihood of gastric carcinoma before using 'PEPCID' PM.

Consider reducing the daily dose if creatinine clearance falls to or below 30 ml/min.

'PEPCID' PM is not recommended in pregnancy, nursing mothers or children.

**SIDE EFFECTS** Rarely, headache, dizziness, constipation, diarrhoea. Less frequently, dry mouth, nausea, vomiting, rash, abdominal discomfort, anorexia, fatigue.

**BASIC NHS COST** 20 mg tablets, £14.00 for 28-day calendar pack and £25.00 for bottles of 50.

40 mg tablets, £26.60 for 28-day calendar pack and £47.50 for bottles of 50.

**PRODUCT LICENCE NUMBERS:** 20 mg tablets, 0025/0215; 40 mg tablets, 0025/0216.

▼ Special reporting to the CSM required.

Issued September 1987.

TM denotes trademark

### References

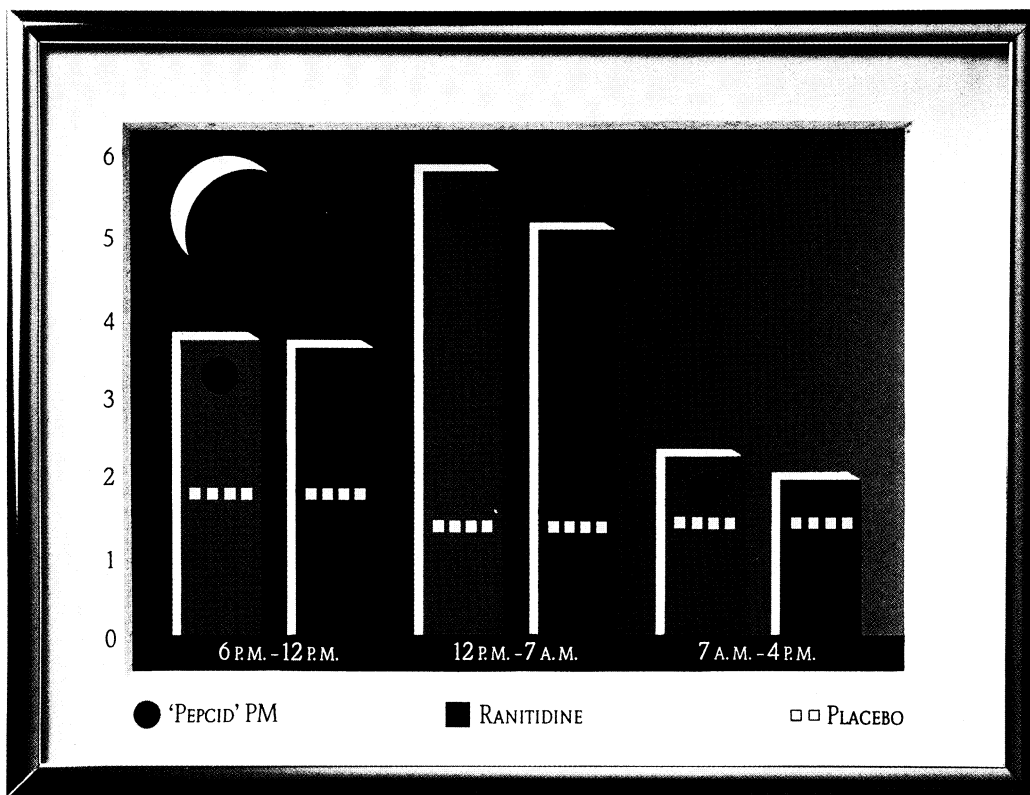
1. Giedhill, T., *et al.*, *Gut*, 1983, 24, 904.
2. Ireland, A., *et al.*, *Lancet*, 1984, ii 274.
3. Bauerfeind, P., *et al.*, *Gastroenterology*, 1986, 90(5), 1340.
4. Mann, S. G., Cottrell, J., *Ital. J. Gastroenterol.*, 1987, 19 (Suppl. 3), 68.
5. Data on file, Merck Sharp & Dohme Research Laboratories.



Thomas Morson Pharmaceuticals  
Hertford Road, Hoddesdon, Hertfordshire  
Division of Merck Sharp & Dohme Limited

# H<sub>2</sub>-RECEPTOR ANTAGONIST FOR ONCE-NIGHTLY USE

NIGHT-TIME COVER FROM A SINGLE DOSE<sup>3</sup>



Efficacy of 'PEPCID' PM and ranitidine after intake at 6 p.m.  
Median pH values for evening, night and day.<sup>3</sup>

n=7

Adapted from Reference 3.

**PEPCID<sup>TM</sup> PM**  
40 mg (famotidine)

*One at night can make their day*

# Before she started Colifoam therapy, sailing was just a dream.

Colifoam gives your patients much greater personal freedom in their daily lives.<sup>1,2</sup>

So, while steroid enemas may equal Colifoam's effectiveness clinically,<sup>1,2</sup> when it comes to patient preference there's no comparison.

Colifoam is also unique among foam treatments with an unrivalled 12 years of proven efficacy and safety in clinical practice. It's a success record that makes Colifoam, more than any other, a prescription of confidence.



## The proven choice in distal inflammatory bowel disease

1. Ruddell WSJ et al. *Gut* 1980; 21: 885-889

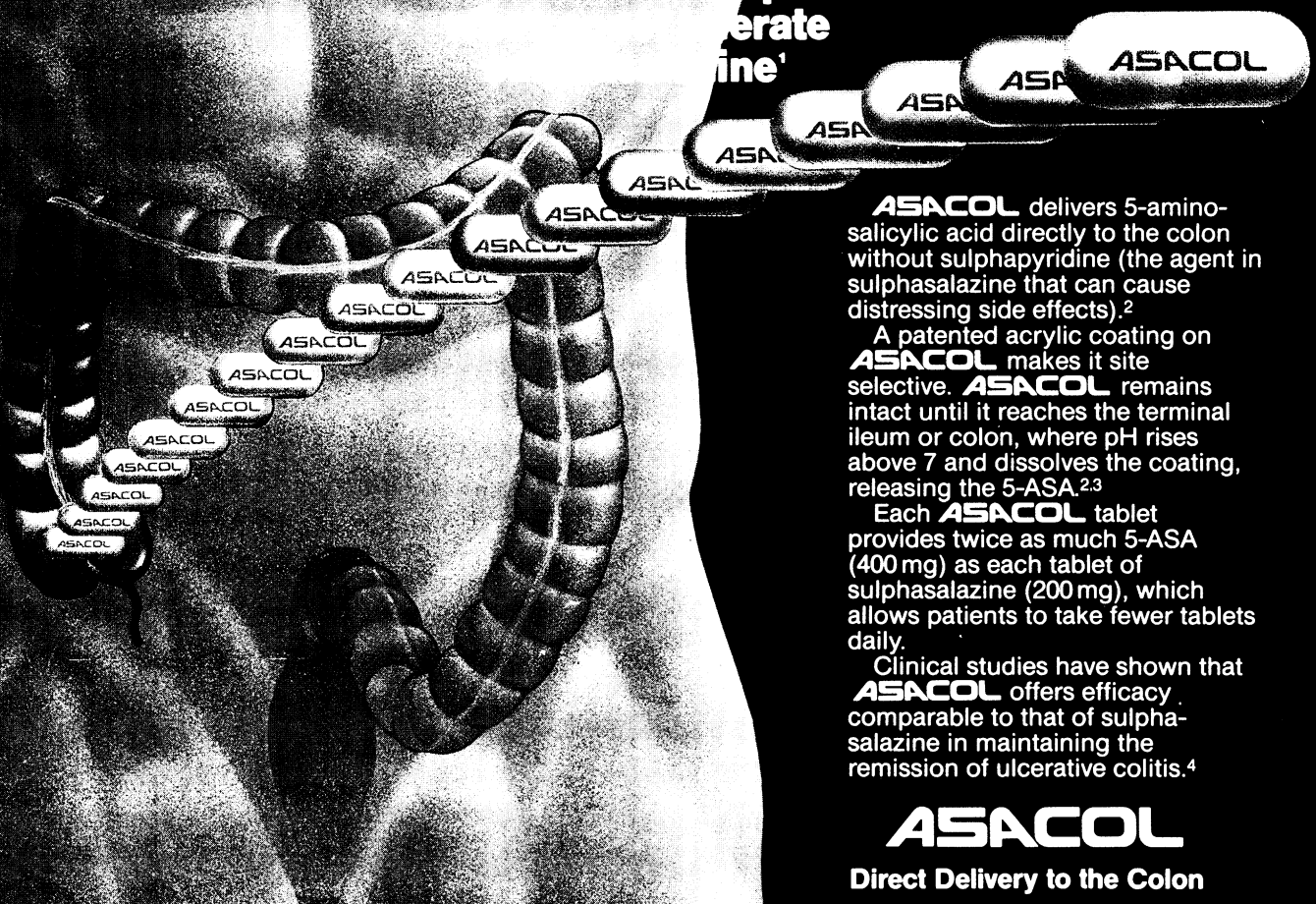
2. Somerville KW et al. *British Medical Journal* 1985; 291: 866

**PRESCRIBING INFORMATION:** Presentation: White odourless aerosol containing hydrocortisone acetate PhEur 10%. Uses: Ulcerative colitis, proctosigmoiditis and granular proctitis. Dosage and administration: One applicatorful inserted into the rectum once or twice daily for two or three weeks and every second day thereafter. Shake can vigorously before use (illustrated instructions are enclosed with pack). Contra-indications, warnings etc.: Local contra-indications to the use of intrarectal steroids include obstruction, abscess, perforation, peritonitis, fresh intestinal anastomoses and extensive fistulae. General precautions common to all corticosteroid therapy should be observed during treatment with Colifoam. Treatment should be administered with caution in patients with severe ulcerative disease because of their predisposition to perforation of the bowel wall. Safety during pregnancy has not been fully established. Pharmaceutical precautions: Pressurized container. Protect from sunlight and do not expose to temperatures above 50°C. Do not pierce or burn even after use. Do not refrigerate. Keep out of reach of children. For external use only. Legal category: POM. Package Quantity & Basic NHS cost: 25g canister plus applicator, £7.25. Further Information: One applicatorful of Colifoam provides a dose of approximately 125mg of hydrocortisone acetate, similar to that used in a retention enema, for the treatment of ulcerative colitis, sigmoiditis and proctitis. Product Licence No.: 0036/0021. Further information is available on request. Stafford-Miller Ltd., Professional Relations Division, Hatfield, Herts. AL10 0NZ.

# ASACOL

## Direct Delivery to the Colon

For patients who cannot tolerate sulphasalazine



**ASACOL** delivers 5-aminosalicylic acid directly to the colon without sulphapyridine (the agent in sulphasalazine that can cause distressing side effects).<sup>2</sup>

A patented acrylic coating on **ASACOL** makes it site selective. **ASACOL** remains intact until it reaches the terminal ileum or colon, where pH rises above 7 and dissolves the coating, releasing the 5-ASA.<sup>2,3</sup>

Each **ASACOL** tablet provides twice as much 5-ASA (400 mg) as each tablet of sulphasalazine (200 mg), which allows patients to take fewer tablets daily.

Clinical studies have shown that **ASACOL** offers efficacy comparable to that of sulphasalazine in maintaining the remission of ulcerative colitis.<sup>4</sup>

# ASACOL

Direct Delivery to the Colon

### ABBREVIATED PRESCRIBING INFORMATION

#### PRESENTATION

Red tablets containing 400 mg of mesalazine (5-aminosalicylic acid) coated for release in the terminal ileum and colon.

#### USES

For the maintenance of remission of ulcerative colitis in patients who cannot tolerate sulphasalazine.

#### DOSAGE AND ADMINISTRATION

**Adults:** 3 to 6 tablets daily in divided doses. There is no dose recommendation for children.

#### CONTRA-INDICATIONS, WARNINGS, ETC.

##### Contra-indications

Contra-indications: a history of sensitivity to salicylates. Children under 2 years of age.

##### Precautions

Renal disorder. Mesalazine is excreted rapidly by the kidney mainly as its metabolite, N-acetyl 5-aminosalicylic acid. In rats large doses of mesalazine injected intravenously produce tubular and glomerular toxicity. Although no renal toxicity has been reported in patients taking 'Asacol', it is not recommended in patients with renal impairment and caution should be exercised in patients with a raised blood urea or proteinuria.

Asacol should not be given with lactulose or similar preparations which lower stool pH and may prevent release of mesalazine.

#### Use during pregnancy

Use of 'Asacol' during pregnancy should be with caution, and only if, in the opinion of the physician, the potential benefits of treatment are generally greater than the possible hazards.

#### Adverse Reactions

Adverse reactions occur in a small proportion of patients who previously could not tolerate sulphasalazine. The side-effects are predominantly gastrointestinal (nausea, diarrhoea and abdominal pain) and headache. 'Asacol' may be associated with the exacerbation of the symptoms of colitis in those patients who have previously had such problems with sulphasalazine.

Other side effects observed with sulphasalazine such as depression of bone marrow and of sperm count and function, have not been reported with 'Asacol'.

**LEGAL CATEGORY:** POM. **PL:** 0424/0032.

**Daily treatment cost:** 66p-£1.31

#### Licence Holder:

Tillotts Laboratories, Henlow Trading Estate, Henlow, Bedfordshire SG16 6DS.

#### Supplier:

Smith Kline & French Laboratories Limited Welwyn Garden City, Hertfordshire AL7 1EY

**U.K. Patent No.** 8322387

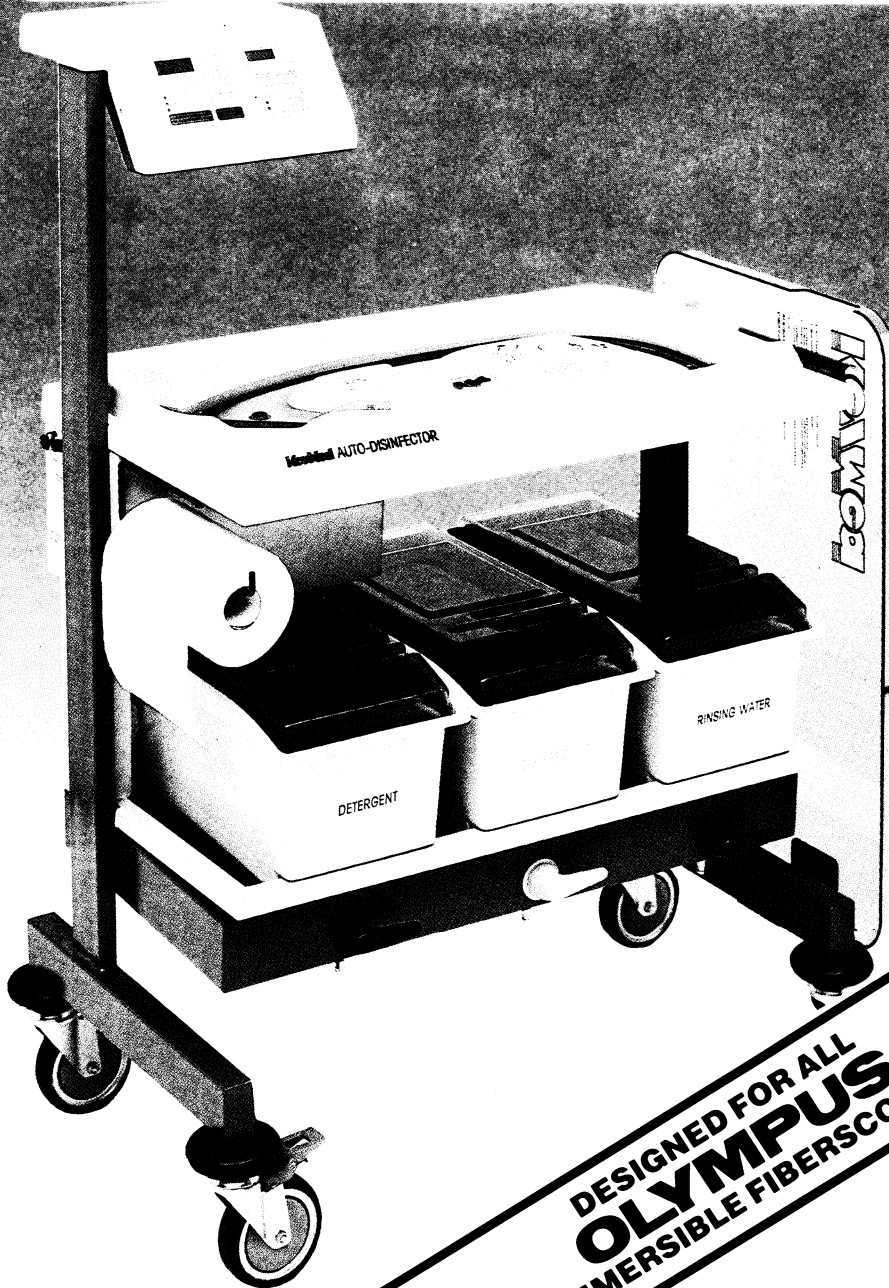
#### REFERENCES:

- Dew M.J., Harries A.D., Evans B.K. et al. Treatment of ulcerative colitis with oral 5-aminosalicylic acid in patients unable to take sulphasalazine. *Lancet*, 1983; **ii**:801.
- Dew M.J., Hughes P.J., Lee M.G. et al. An oral preparation to release drugs in the human colon. *Br. J. Clin. Pharmacol.*, 1982; **14**:405-408.
- Dew M.J., Ryder R.E.J., Evans N. et al. Colonic release of 5-aminosalicylic acid from an oral preparation in active ulcerative colitis. *Br. J. Clin. Pharmacol.*, 1983; **16**:185-187.
- Dew M.J., Hughes P.J., Harries A.D. et al. Maintenance of remission in ulcerative colitis with oral preparation of 5-aminosalicylic acid. *Br. Med. J.*, 1982; **285**:1012.
- Dew M.J., Harries A.D., Evans N. et al. Maintenance of remission in ulcerative colitis with 5-aminosalicylic acid in high doses by mouth. *Br. Med. J.*, 1983; **287**:23-24.

\*Mesalazine is the British Approved name for 5-aminosalicylic acid.

**SK&F** Smith Kline & French Laboratories Limited  
A SMITHKLINE BECKMAN COMPANY  
Welwyn Garden City, Hertfordshire AL7 1EY

# The KeyMed Auto-Disinfector...



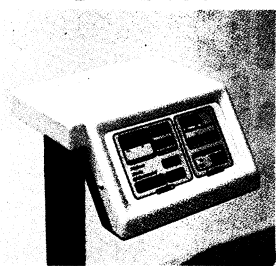
DESIGNED FOR ALL  
**OLYMPUS**  
IMMERSIBLE FIBERSCOPES



# ... Makes Endoscope Disinfection Easy



Manual irrigation and disinfection of fiberscopes is a tedious and time consuming task, set against the background of increasing risks of cross-infection. Automated processing ensures decontamination to a consistently high level, releasing valuable nursing time for patient care.



An eye level control panel with touch sensitive switches to operate all functions.



Designed to process all Olympus OES immersible fiberscopes, providing the benefits of total immersion and all channel irrigation\*.



Self-contained, mobile and requiring no plumbing — easily removable lids allow simple access to the fluid containers.

## Once you have used the Auto-Disinfector, we believe you will never look back.

For further information or to arrange a practical evaluation of the KeyMed Auto-Disinfector in your own unit, contact our Medical Customer Liaison Department.

\* excluding raiser bridge channel on JF series, GIF-K10 and GIF-D10.

# KeyMed

**Specialised Services to Medicine**

KeyMed (Medical & Industrial Equipment) Ltd.

KeyMed House, Stock Road, Southend-on-Sea, Essex SS2 5QH.

Telex: 995283, Facsimile: (0702) 65677, Telephone: (0702) 616333 (24 lines).



**Medical Equipment**

**Scotland:** KeyMed, Peel House, Ladywell East, Livingston EH54 6AH. Telephone: (0506) 416655

**Ireland:** KeyMed Ireland Ltd., KeyMed House, Lord Edward Court, Bride Street, Dublin 8. Telephone: 774855

**USA:** KeyMed Inc., 400 Airport Executive Park, Spring Valley, New York 10977. Telephone: (914) 425-3100



**TABLETS**

**New.**  
**Evoxin**  
domperidone

**activates the static  
stomach**



**for relief of  
nausea and vomiting**

**A move in the right direction**



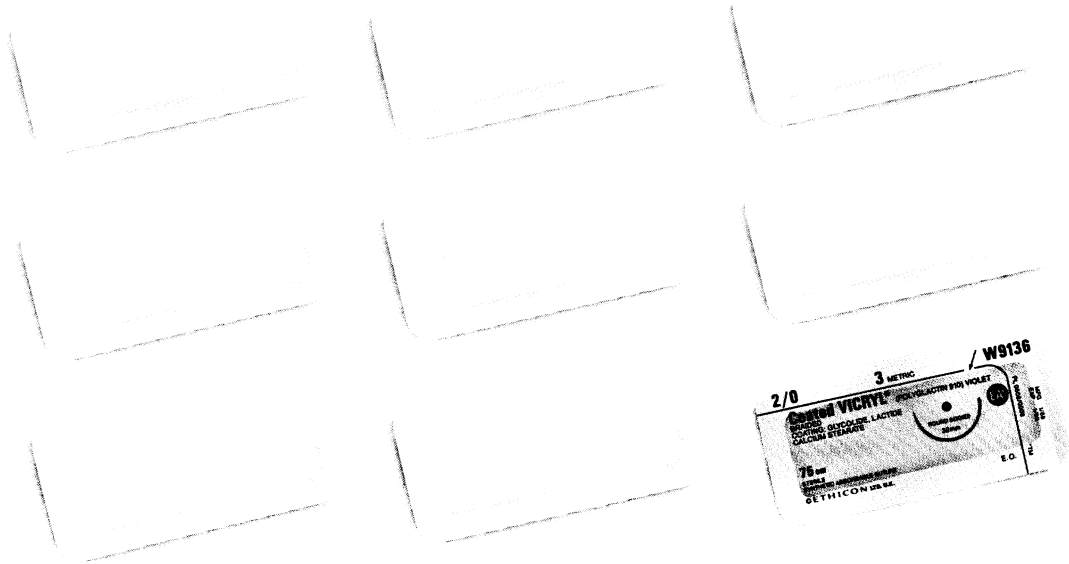
Evoxin is a trade mark. Full information available from Sterling Research Laboratories, Onslow Street, Guildford, Surrey GU1 4YS.

(SRL0521)587



# Coated VICRYL<sup>\*</sup>

(polyglactin 910)



Surgeons are turning to  
Coated VICRYL.



## TECHNICAL DATA

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### COATED VICRYL\* (POLYGLACTIN 910) STERILISED BRAIDED SYNTHETIC ABSORBABLE SUTURE

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**Presentation** The basic VICRYL (Polyglactin 910) Suture is prepared from a copolymer of glycolide and lactide. The substances are derived respectively from glycolic and lactic acids. The empirical formula of the copolymer is  $(C_2H_2O_2)_m(C_3H_4O_2)_n$ .

Coated VICRYL (Polyglactin 910) Sutures are obtained by coating the braided suture material with a mixture composed of a copolymer of glycolide and lactide and an equal amount of calcium stearate. This coating does not affect the biological properties of the suture.

Coated VICRYL (Polyglactin 910) Sutures are coloured by adding D & C Violet No 2 during polymerisation of the lactide and glycolide. Sutures may also be manufactured in the undyed form.

These sutures are relatively inert, nonantigenic, nonpyrogenic and elicit only a mild tissue reaction during absorption.

*Action:* Two important characteristics describe the in vivo behaviour of absorbable sutures. The first of these is tensile strength retention and the second, absorption rate or loss of mass.

Subcutaneous tissue implantation studies of Coated VICRYL Suture in rats show at two weeks post-implantation approximately 55% of its original tensile strength remains, while at three weeks approximately 20% of its original strength is retained.

Intramuscular implantation studies in rats show that the absorption of these sutures is minimal until about the 40th post-implantation day. Absorption is essentially complete between the 60th and 90th days.

**Uses** Coated VICRYL synthetic absorbable sutures are intended for use where an absorbable suture or ligature is indicated.

#### **Dosage and Administration**

By implantation.

#### **Contra-indications, Warnings, etc.**

These sutures, being absorbable, should not be used where extended approximation of tissues under stress is required.

Sutures placed in skin and conjunctiva may cause localised irritation if left in place for longer than 7 days and should be removed as indicated.

At the discretion of the surgeon, appropriate non-absorbable sutures may be used to provide additional wound support when Coated VICRYL sutures are used in ophthalmic procedures.

The safety and effectiveness of Coated VICRYL (Polyglactin 910) Sutures in neural tissue and in cardiovascular tissue have not been established.

#### **Pharmaceutical Precautions**

Do not re-sterilise.

#### **Legal Category.**

Not applicable.

**Package Quantities** Various lengths of material packaged in sealed aluminium foil sachets. This primary pack is contained in a peel-apart secondary pack. The unit of sale is 12 packs contained in a film wrapped drawer style carton.

**Further Information** No suture related adverse reactions were reported during clinical trials, although a number of minor reactions were classified as being of unknown cause.

Product Licence No 0508/0009

Br. Pat. No. 1583390

Date of Preparation of Data Sheet April 1981.  
Revised 11/1987.

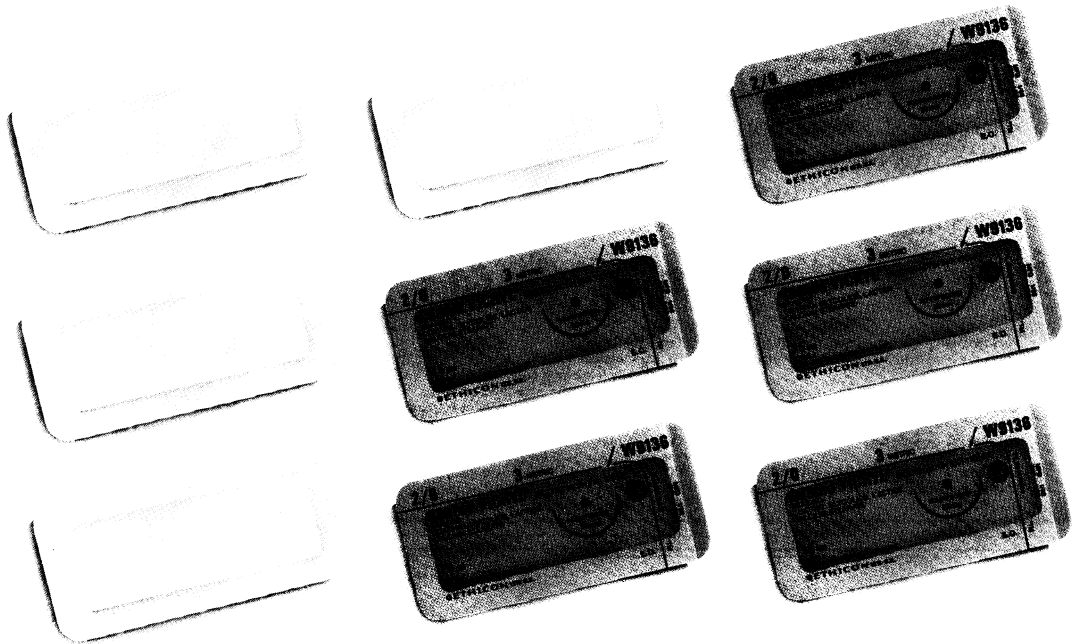
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**ETHICON LTD.  
PO BOX 408, BANKHEAD AVE  
EDINBURGH EH11 4HE**

---

# Coated VICRYL<sup>\*</sup>

(polyglactin 910)



More Surgeons are turning to  
Coated VICRYL.



IN IRRITABLE BOWEL

# Spasmonal<sup>TM</sup>

alverine citrate

Objective assessment in a recent hospital study demonstrated that SPASMONAL significantly reduces colonic motor activity,<sup>(1)</sup> providing relief from gut spasm and pain.

SPASMONAL has been proven to relieve colicky pain and help normalise bowel habit.<sup>(2)</sup> SPASMONAL has the benefit of being lactose free.

**Rx 1 capsule tds (100)**

**Presentation:** Blue/grey opaque hard gelatin capsules each containing 60mg Alverine Citrate USNF XIII.

**Uses:** Selective smooth muscle spasmolytic.

**Dosage and administration:** Adults 1 or 2 capsules one to three times daily, orally. No specific dosage recommendation can be made for children.

**Contra-indications, warnings, etc:** Nil.

**Pharmaceutical precautions:** Store in a cool dry place.

**Legal category:** P.

**Package quantities:** 100 capsules.

**Usual daily treatment cost:** 30 pence.

**Further information:** Alverine citrate is a synthetic non-narcotic, non-habit-forming spasmolytic of a low order of toxicity in comparison with other antispasmodics. It has a specific effect on the smooth muscle of the intestine and uterus, but not on that of the respiratory or cardiovascular system.  
**Product licence number:** 0322/5014.

(1) Trotman, I.F. Presented at the XII International Congress of Gastroenterology, Lisbon, 1984.

(2) Tudor, G.J., Br J Clin Pract 1986; 40: 276-278.

**Spasmonal is a British Product. Spasmonal and Norgine are trademarks. Further information is available from:**



**Norgine Limited,**  
116-120 London Road,  
Oxford, OX3 9BA.

## ABC OF AIDS

EDITED BY MICHAEL W ADLER

Today's most widely known and perhaps most generally feared disease, AIDS presents particular problems for non-specialist doctors. So far treatment of patients with AIDS has been largely confined to specialist centres so that, although the disease will inevitably spread, few doctors have had much experience of managing it. The *ABC of AIDS* provides essential details on the development of the epidemic, management of early HIV infection, tumours, and the respiratory, neurological, and gastrointestinal manifestations. It discusses the treatment of infections and the prospects for vaccines and prevention as well as outlining programmes for counselling, nursing, and the control of infection.

Edited by Michael Adler, a leading authority on the topic, the *ABC of AIDS* is a vital guide that no medical practitioner can afford to be without.

### The facts and the future

Price: Inland £9.95  
Abroad £12.50/USA\$21.00  
BMA members:  
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including postage, by air  
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Payment must be enclosed  
with order

Order from  
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# Rapid relief for patients gripped by IBS

Colofac rapidly relieves the symptoms of Irritable Bowel Syndrome by a direct action on colonic smooth muscle.

Colofac eliminates spasm without the anti-cholinergic side effects that can prove troublesome to the patient.

**colofac**<sup>®</sup>   
mebeverine  
loosens the grip of IBS

#### Prescribing Information

**Presentation:** White, sugar-coated tablets each containing 135mg mebeverine hydrochloride. Available in packs of 100. Basic NHS price £8.35. Yellow, banana-flavoured sugar-free suspension containing mebeverine pamoate equivalent to 50mg mebeverine hydrochloride per 5ml. Available in bottles of 300ml: Basic NHS price £3.50.

**Indications:** 1. Irritable bowel syndrome. 2. Gastro-

intestinal spasm secondary to organic diseases.

**Dosage and Administration:** Tablets: Adults and children ten years and over: One tablet three times a day, preferably 20 minutes before meals. Suspension: Adults and children ten years and over: 15ml (150mg) three times a day, preferably 20 minutes before meals. **Contra-indications, warnings, etc:** Animal experiments have failed to show any terato-

genic effects. However, the usual precautions concerning the administration of any drug during pregnancy should be observed. **Product Licence Number:**

**Tablets:** 0512/0044. **Suspension:** 0512/0061.

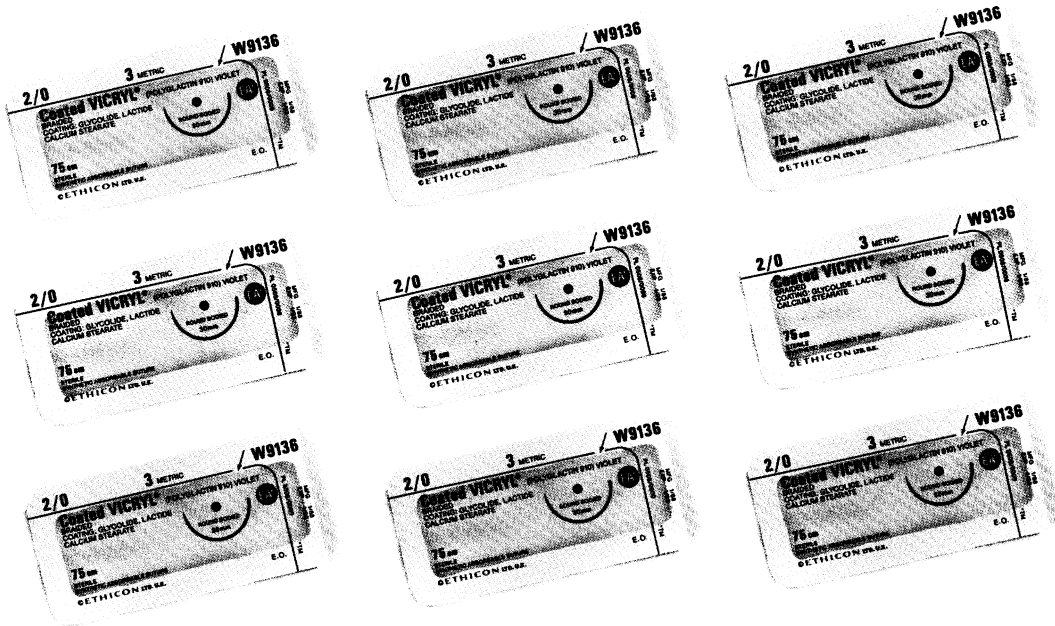
Further information is available on request to the Company. Duphar Laboratories Limited, Gaters Hill, West End, Southampton, SO3 3JD. Telephone: 0703 472281

**duphar**

C/Hosp Ad/1/88

# Coated VICRYL<sup>\*</sup>

(polyglactin 910)



More and more Surgeons are  
turning to Coated VICRYL.

**Coated VICRYL<sup>\*</sup>**  
(polyglactin 910) braided sutures

**ETHICON**  
a Johnson & Johnson company

ETHICON Ltd, PO Box 408, Bankhead Avenue,  
Edinburgh EH11 4HE, United Kingdom.  
<sup>\*</sup>Trademark © ETHICON Ltd 1988

# Lets ulcers heal by night and the stomach work by day

A single evening dose of Axid suppresses acid production only during the night<sup>1</sup> when mucosal damage may occur.

Because of its short half-life, Axid then produces minimal suppression of daytime gastric acid.

Axid produces effective ulcer healing<sup>2-4</sup> whilst allowing the stomach to work virtually normally during the day.

NEW  
**AXID 300mg**

NIZATIDINE  
ONCE NIGHTLY H<sub>2</sub> ANTAGONIST

▼ **ABBREVIATED PRESCRIBING INFORMATION.** Presentation: Capsules containing 150mg or 300mg nizatidine INN. Uses: For the treatment of duodenal and benign gastric ulcer, and prevention of duodenal ulcer recurrence. Dosage and Administration: (For full information, see data sheet). Axid is administered orally. Adults: For duodenal and benign gastric ulcer, the recommended daily dose is 300mg in the evening for 4 or, if necessary, 8 weeks. For prevention of duodenal ulcer recurrence, the recommended daily dose is 150mg in the evening. The elderly: Normally dosage modification is not required except in patients who have moderate to severe renal impairment. Children: Not recommended. Patients with impaired renal function: Moderate renal impairment (creatinine clearance less than 50ml/min), the dose should be reduced by 50% to 150mg in the evening. Severe renal impairment (creatinine clearance less than 20ml/min), the dose should be reduced by 75%, to 150mg on alternate days. Prevention of duodenal ulcer recurrence in moderate renal impairment (creatinine clearance less than 50ml/min), the dose may be reduced to 150mg on alternate days. Severe renal impairment (creatinine clearance less than 20ml/min), the dose may be reduced to 150mg every third day. Contra-indication: Known hypersensitivity to H<sub>2</sub>-receptor antagonists. Warnings: Usage in pregnancy: The safety of nizatidine for use during pregnancy has not been established. Usage in lactation: Administer to nursing mothers only if considered absolutely necessary. Drug interactions:

No interaction has been observed between nizatidine and aminophylline, theophylline, chlordiazepoxide, diazepam, metoprolol, warfarin or lorazepam. Nizatidine does not inhibit the hepatic cytochrome P450-linked drug metabolising enzyme system. Precautions: Patients with impaired liver or kidney function should be treated with caution (see data sheet). Side-effects: Possible side-effects include headache, asthenia, chest pain, myalgia, abnormal dreams, somnolence, rhinitis, pharyngitis, cough, pruritus, sweating and reversible, asymptomatic elevations of transaminases. Overdosage: There is no experience of overdose in humans. Tested at very high doses in animals, nizatidine has been shown to be relatively non-toxic. Treatment: Symptomatic and supportive therapy is recommended. Activated charcoal may reduce nizatidine absorption and haemodialysis may remove absorbed nizatidine. Legal Category: POM. Product Licence Numbers: Capsules 150mg 0006/0230. Capsules 300mg 0006/0231. Basic NHS Cost: Per 28 day calendar pack - 150mg capsules £11.52; 300mg capsules £23.04. Date of Preparation: August 1987. Full prescribing information is available from: Eli Lilly & Company Limited, Dextra Court, Chapel Hill, Basingstoke, Hampshire RG21 2SY. Telephone: (0256) 473241. References: 1. Dammann HG *et al*, Scand J Gastroenterol 1987; 22: 56. 2. Simon B *et al*, Ibid 61. 3. Naccaratto R *et al*, Ibid 71. 4. Cerulli MA *et al*, Ibid 79. 'AXID' is a Lilly trademark.

  
AX48 Dec 87



# Olympus Endoscopy System

## THE GOLD



# - an evolution in endoscopy

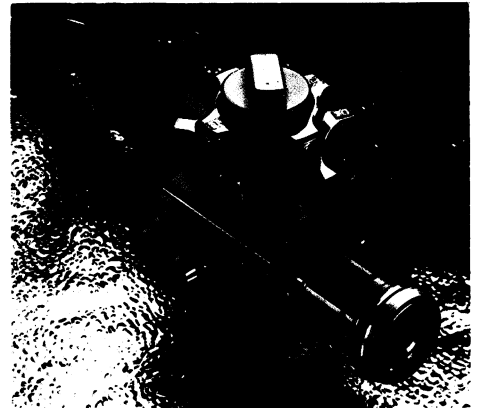
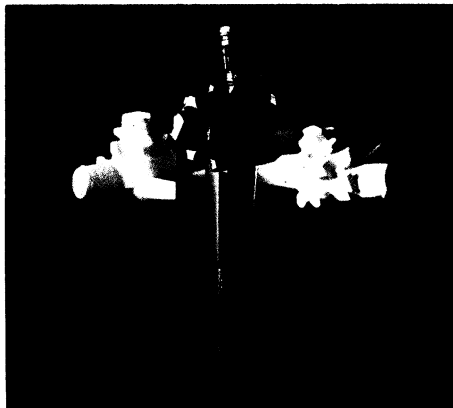
## STANDARD

The evolution of the Olympus Endoscopy System (OES) 10 series has resulted in a new range — OES-20 — destined to become the 'Gold Standard' in endoscopy.

OES-20 is the culmination of a four year development programme, resulting in instruments which represent a significant advance in fiberscope technology.

High resolution optics, lighter in weight, improved durability, outstanding handling and insertion characteristics are just some of the exciting features offered by the unique OES-20 range of fiberscopes.

The Olympus Endoscopy System — OES-20.



### **KeyMed**

**Specialised Services to Medicine**

KeyMed (Medical & Industrial Equipment) Ltd.

KeyMed House, Stock Road, Southend-on-Sea, Essex SS2 5QH.

Telex: 995283, Facsimile: (0702) 65677, Telephone: (0702) 616333 (24 lines).

**Scotland:** KeyMed, Peel House, Ladywell East, Livingston EH54 6AH. Telephone: (0506) 416655

**Ireland:** KeyMed Ireland Ltd., KeyMed House, Lord Edward Court, Bride Street, Dublin 8. Telephone: 774855

**USA:** KeyMed Inc., 400 Airport Executive Park, Spring Valley, New York 10977. Telephone: (914) 425-3100

## The Gold Standard - Seeing is believing

# Extend the range...

of pancreatic enzyme therapy  
with the five flexible forms of

# PANCREX<sup>®</sup>

(pancreatin)

Only the PANCREX range provides:



**Powder**



**Capsules**



**Tablets**



**Forte  
Tablets**

■ **More dosing options  
for more types and  
ages of patient**

■ **Low daily cost for  
long-term therapy**

#### ABRIDGED PRODUCT INFORMATION

Full prescribing information is available and should be consulted before prescribing.

**Indications:** Fibrocystic disease of the pancreas (cystic fibrosis), chronic pancreatitis and pancreatic steatorrhoea following pancreatectomy. May also be indicated following gastrectomy as an aid to digestion.

#### Minimum activity in BP Units:

PREPARATION	PROTEASE	LIPASE	AMYLASE
PANCREX V POWDER	1400/g	25,000/g	30,000/g
PANCREX GRANULES	300/g	5,000/g	4,000/g
PANCREX V CAPSULES	430	8,000	9,000
PANCREX V CAPSULES '125'	160	2,950	3,300
PANCREX V TABLETS	110	1,900	1,700
PANCREX V FORTE TABLETS	330	5,600	5,000

#### Dosage:

**PANCREX V POWDER:** 1/2-2g swallowed dry or mixed with water or milk, 4 times daily with meals.

**PANCREX GRANULES:** 5-10g swallowed dry or mixed with water or milk, 4 times daily before meals.

**PANCREX V CAPSULES:** Infants - contents of 1-2 capsules mixed with feeds. Older children/adults - 2-6 capsules, 4 times daily with meals.

**PANCREX V CAPSULES '125':** Neonates 1-2 capsules with feeds

**PANCREX V TABLETS:** 5-15 tablets, 4 times daily before meals

**PANCREX V FORTE TABLETS:** 6-10 tablets, 4 times daily before meals.

#### Main Contra-indications/Warnings:

If Pancrex V is mixed with feeds or liquids, the mixture should be consumed within one hour.

In the case of newborn infants high dosage of Pancrex V may result in irritation around the mouth and anus. Barrier creams will prevent such local irritations.

Rare cases of hyperuricosuria have been reported after taking extremely high doses of Pancreatin.

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**Product Licence Numbers:** Pancrex V Powder 0051/5004, Pancrex V Capsules 0051/5043, Pancrex V Capsules '125' 0051/5104, Pancrex Granules 0051/5003, Pancrex V Tablets 0051/5002, Pancrex V Forte Tablets 0051/5000.

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*“The favourable effect of the addition of guar gum to the meals of patients suffering from the dumping syndrome is based on the normalization (i.e. slowing down) of the passage of food from the stomach to the duodenum and jejunum, and hence the slowing down of the absorption of nutrients, especially monosaccharides, and the prevention of a rapid postprandial increase in intraluminal osmolarity in the duodenum<sup>6</sup>.”*

- ★ slows gastric emptying<sup>1-3</sup>
- ★ binds bile acid<sup>8</sup>
- ★ reduces hyperglycaemia and hyperinsulinaemia<sup>4-5</sup>
- ★ helps improve patient comfort, food tolerance and nutritional status<sup>6-7</sup>

# Guarem<sup>®</sup>

Guar 5g

References: 1. Jenkins et al **Br.Med.J.** 1978, 1, 1392. 2. Blackburn et al **Clin.Sc.** 1984, 66, 329. 3. Leeds et al **Lancet** 1981, 1, 1075. 4. Jenkins **Proc.Soc.Exp.Biol.** 1985, 180, 422. 5. Fuessi et al **Pract.Diab.** 1986, 3, 258. 6. Harju & Larmi **J.Parent.Ent.Nutr.** 1983, 7, 470. 7. Harju & Makela **Amer.J.Gastroent.** 1984, 79, 861. 8. Hanson et al **Hepato-Gastroent.** 1983, 30, 161.

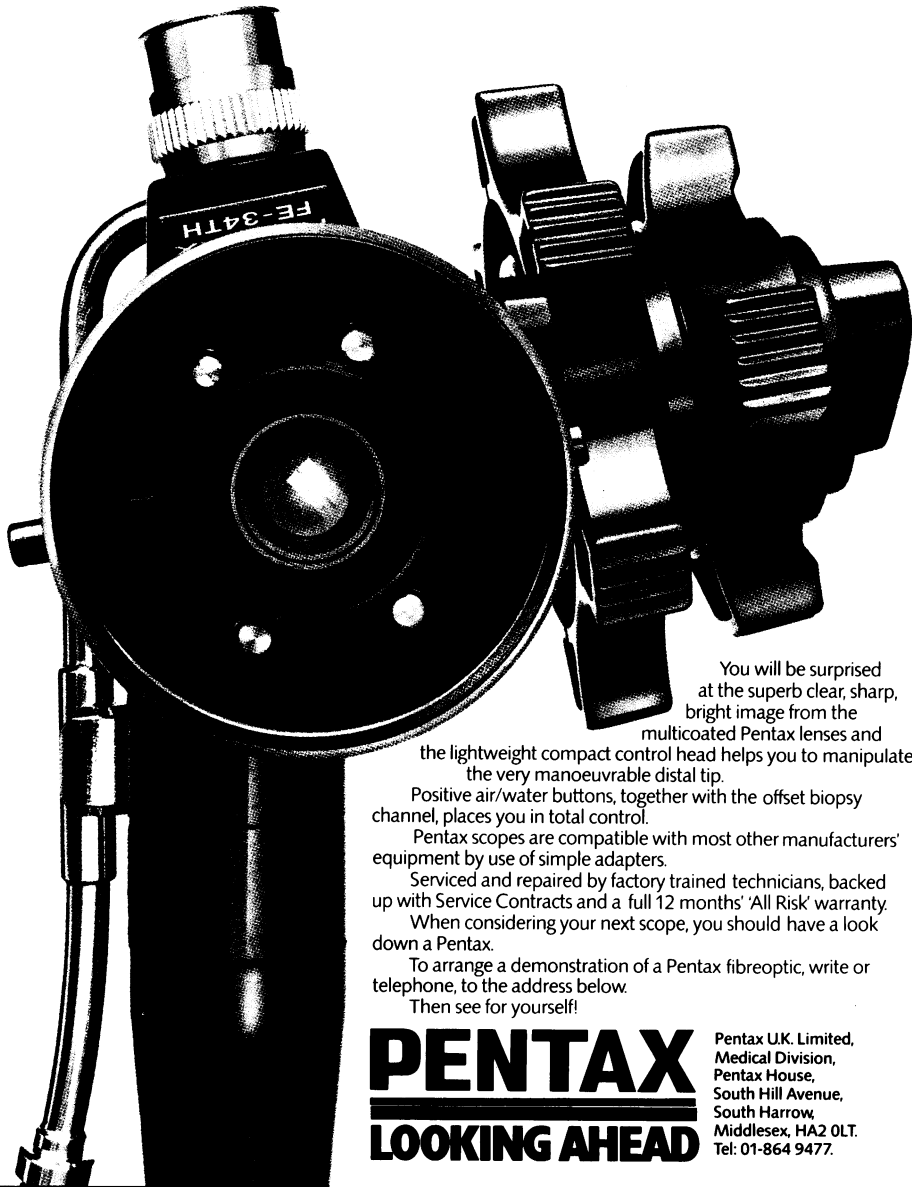
#### Clinical Information

**Action.** Guar gum which is derived from natural sources is a high molecular weight polysaccharide, galactomannan. In solution it (i) increases gastric transit time and (ii) slows the rate of absorption of other carbohydrates leading to a reduction in post-prandial hyperglycaemia and insulin secretion. Guar gum is not absorbed and remains chemically unchanged until it reaches the colon where it is broken down before excretion. **Indication.** The relief of the symptoms of the 'dumping syndrome'. **Dosage & Administration.** Adults One 5g sachet to be taken with each main meal. The contents of a sachet are preferably sprinkled evenly over a meal on the plate or stirred into suitable foods (e.g. tomato juice, yoghurt, muesli, etc.) in which case the food should be accompanied by a drink of 150ml (½ tumbler). **Contra-Indications, Warnings, etc.** To avoid any risk of oesophageal obstruction or rupture, this

product should not be given to patients with a history of oesophageal disease or difficulty in swallowing. While Guarem may be expected to reduce malabsorption, usual monitoring of nutritional status should be continued. Guarem should not be ingested as dry granules. **Side-Effects.** Gastro intestinal symptoms (flatulence, diarrhoea) are quite common at the commencement of treatment. These can be reduced or avoided by initiating treatment gradually, in accordance with advice on the pack. **Presentation.** Sachets, each containing guar gum granules 5 grams. The fine pale cream granules are tasteless and readily water-miscible. Cartons of 100 sachets. **Product Licence Numbers.** PL0237/0023 & 0026 PA 3/61. Further information available from Rybar Laboratories Ltd., Amersham, Bucks, UK.

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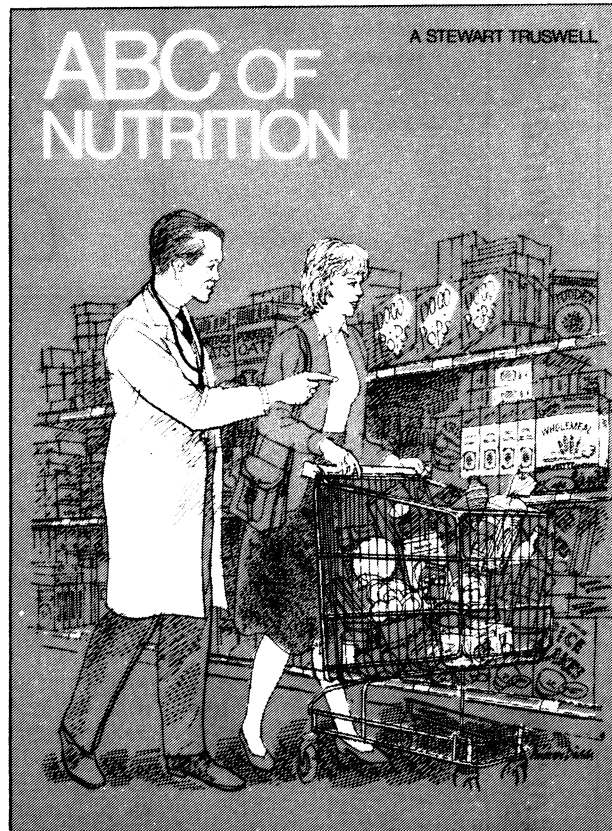


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