

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.^{1,2}

During the day, normal gastric acid is required for natural digestion and as protection against unwanted ingested bacteria. 'PEPCID' PM, the first H₂-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 weeks4 and up to 81% of gastric ulcers within eight weeks.5

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.

CONTRAINDICATION 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, latigue.

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

40 mg tablets, £26.00 for 28-day calendar pack and £47.50 for bottles of 50.

PRODUCT LICENSES AND ALMARIES. 20 mg tablets (2023 602) for 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

Guidhdil, T., et al., Gut, 1983, 24, 904.

land, A., et al., Lancet, 1984, ii 274.

Bauerfeind, P., et al., Castroenterology, 1986, 90(5), 1340.
 Mann, S. G., Cottrell, J., Ital. J. Castroenterol., 1987, 19 (Suppl. 3), 68.

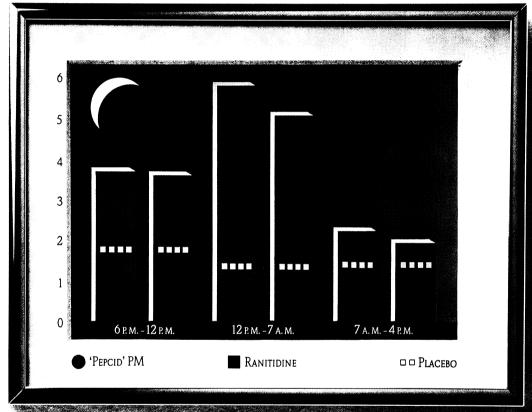
5. Data on file, Merck Sharp & Dohme Research Laboratories.



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

H₂-RECEPTOR ANTAGONIST FOR ONCE-NIGHTLY USE

NIGHT-TIME COVER FROM A SINGLE DOSE³

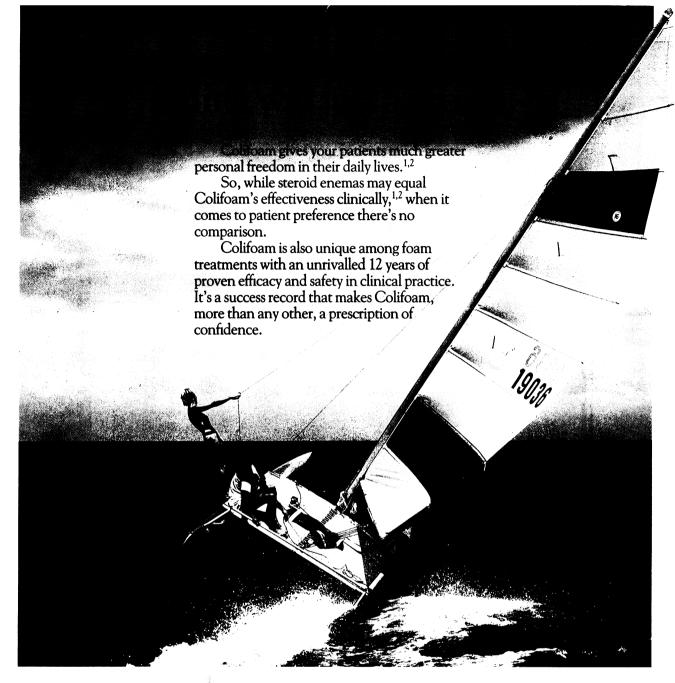


Efficacy of 'PEPCID' PM' and rankionne after intake at o p.m. Median pH values for evening, night and day.³

Adapted from Reference 3.



One at night can make their day





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. Stafford-Miller Ltd., Professional Relations Division, Hatfield, Herts. AL 10 ONZ.



Direct delivery to the col

For ulcerative colitis patients who cannot tolerate sulphasalazine¹



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

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.23

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.4

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.

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

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 infravenously 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 averaged in actients with a raced. 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
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 sighbeadarms. 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

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:

7 4 87

- 1. 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;
- 2. 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
- 3. 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, <u>16</u> 185-187
- 4 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.
- 5. Dew M.J. Harries A.D. Evans N, et al. Maintenance of remission in ulcerative colitis with 5aminosalicylic acid in high doses by mouth. Br. Med. 1983; <u>287</u> 23-24
- Mesalazine is the British Approved name for 5-aminosalicylic acid.

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

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activates the static I 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.





The new H₂ antagonist that starts life with a once-daily dosage.

Axid Acid control by night

A single Axid capsule in the evening suppresses acid production only during the night when mucosal damage may occur.

Axid produces a high degree of efficacy in both pain relief and healing of duodenal and gastric ulcers, ¹⁻³ together with a minimal suppression of daytime gastric acid. ⁴

Axid causes minimal interference with other body systems; daytime serum gastrin

levels are unaffected,⁵ anti-androgenic effects are rare⁶ and Axid does not bind to the P450 cytochrome system in the liver.⁷

Axid has been shown to have a favourable side effects profile in trials with over 3,800 patients.8

Axid has simple dosage parameters. A half-life of 1½ hours (1.9 hours in patients over 65 years of age) means that dosage

Lilly

Minimal suppression of daytime gastric acid

adjustment is only necessary in patients with moderate to severe renal impairment, (creatinine clearance <50ml/min). Axid has not been shown to interact with a

number of commonly administered drugs.8

A one-capsule, once-daily dosage and calendar pack presentation make patient compliance with Axid very easy.



ONCE A DAY H2 ANTAGONIST

PARTY NOTES



NIZATIDINE

One capsule in the evening



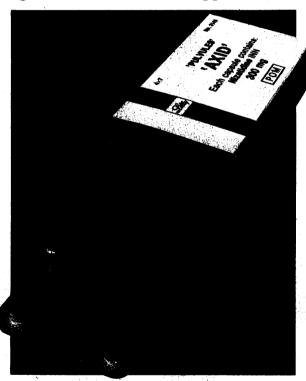
300mg in the evening for ulcer healing



150mg in the evening for maintenance therapy

- A highly effective H₂ antagonist¹⁻³
- A favourable side effects profile8

- Once daily dosage
- Minimal suppression of daytime gastric acid4



▼ 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, 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 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. 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 Contra-Inducation: Known
hypersensitivity to H₂-receptor
antagonists. Warmings: 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 to nursing motiners only it considered absolutely necessary. Prug interactions: No interaction has been observed between nizatidine and aminiphylline, theophylline, chlordinzepoxide, 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, archesis description substantial characteristics. 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; 300 mg capsules £23.04. Date of Preparation: August 1087 ▼ Special reporting to the CSM required. Full prescribing information is available Eli Lilly & Company Limited Kingsclere Road Basingstoke, Hampshire RG21 2XA Telephone: (0256) 473241

- References
 1. Simon B et al, Scand J Gastroenterol
- 1987; 22: 61 Naccaratto R et al, Ibid 71.
- Cerulli MA et al, Ibid 79.
 Dammann HG et al, Ibid 56.
 Kovacs TCG et al, Ibid 41.
 Van Thiel DH et al, Ibid 24.

- Klotz U, Ibid 18. Cloud ML, Ibid 29
- Callaghan JT et al, Ibid 9.

'AXID' is a Lilly trade mark.



NFLAMMATORY BOWEL DISEASE TREATMEN

Salazopyrin EN-tabs 'ad infinitum' may mean therapy for life, but it may also mean a 4-fold reduction in relapse rate.1

enteric coated sulphasalazine

Success depends on continued compliance, 2 – compliance on tolerability. That is why Salazopyrin EN-tabs are enteric-coated to reduce local gastric effects, 3 like dyspepsia and nausea.

To encourage your patients to continue therapy even when they are in remission, prescribe Salazopyrin EN-tabs.

It's therapy 'ad infinitum' rather than 'ad nauseam'.

References 1. Dissanayake AS, Truelove SC, Gut, 1973;14:923-96 · 2. Van Hees PAM, J.Clin.Gastroenterol, 1982;4:333-36 · 3. Nielsen OH, Scand J.Gastroenterol, 1982;17:389-93.

PRESCRIBING INFORMATION
Presentation Orange eliptical convex film-coated tablets containing 6.5g sughtsalazing (USP) with Pharmacia Iddition onlessing. Uses: "Triduction and maintenance of remission of Ulcerative Colins. 2 The treatment of active Crohn's disease. Dosage and Administration: "Salazopinh EN-tables should not be bioken or crushed." A ULCERATIVE COLINS Adults Severe: 2-4 tablets four times a day given in conjunction with steroids as part of an intensive management regime. The night-time intensi between doses should not exceed eight hours, in severe disease rapid passage of the tablets may reduce the effect of the drug. Mid-Importance in times a day given in conjunction with steroids. Maintenance: With induction of remission reduce the dose gradually to four tablets per day in divided doses. This dosage should be continued indefinitely since discontinuance eight several years after an acute attack has been shown to be associated with a four fold increase in the risk of relapse. Children: The dose is reduced in proportion to body weight. Severa: 49-60mg/lg pec.day. Mid-Moderate: 40-60mg/lg pec.day. Maintenance: 20-50mg/lg per.day is a Children's Discasse. Salazopinin EN-tables should be administered as for severe uterative colins. Contrari-indications's Sensitivity to subphonamedes and salicylates. Infants under? years of age. Precautions Blood checks and ITES should be carried out monthly for 3 months. Care in manal or honatic disease, in glucose-6-phosphate deficiency and porphyria. Adverse Effects The most commonly encountered reactions are nausea, headache, rash, loss of appetite and raised temperature. in renal or hepatic disease, in glucose-6-phosphate deficiency and porphyria. Adverse Effects The most commonly encountered reactions are nausea, headsich, cash, loss of appetite and risked temperature. The following adverse reactions have been reported. Haematological: Heinz body anaemia, metamenoglobulinaemia, hypoprothrombinaemia, hemophyrisceria: "Hyposphyrisceria: Hyposphyrisceria: Hyposphyrisceria:



For the relief of symptoms of

- 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 jejenum, 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 duodenum⁶. "
- ★ slows gastric emptying¹⁻³
- ★ binds bile acid8
- ★ reduces hyperglycaemia and hvperinsulinaemia⁴⁻⁵
- **★** helps improve patient comfort, food tolerance and nutritional status⁶⁻⁷



References 1 Jenkins et al Br. Med. J. 1978, 1, 1392 2 Blackburn et al Clin. Sc. 1984, 86, 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

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 hypertrycaemia 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 Desage &
Administration. Adults One 59 sachet to be taken with each main meal. The contents of a sachet are
preterably sprinked eventy over a meal on the plate or stirred into suitable loods (e.g. tomato) ruce,
syghurf, muest, etc.), in which case the flood should be accompanied by a drink of 150ml (R-6 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 impested as for yognaules. 3fde-Fifteds. Gastro nietismal symptoms (flatulence, diarrhoea) are quite common at the commencement of treatment. These can be reduced or avoided by initiating retainment gradually in accordance with advice on the pack. Prasentation. Sochets, each containing guar gum granules of grams. The fine pale cream granules are saleties and readily water miscribe. Cartions of 100 sates from the pack products are saleties and readily water miscribe. Cartions of 100 sates from the pack products are saleties and readily water miscribe. Cartions of 100 sates from the pack products are saleties and readily sates of the pack products are sates of the pack products are sates of the pack products and pack products are sates of the pack products are sates of the pack products are sates of the pack products and pack products are sates of the pack products are sates are sates of the pack products are sates of the pack products are sates are sa

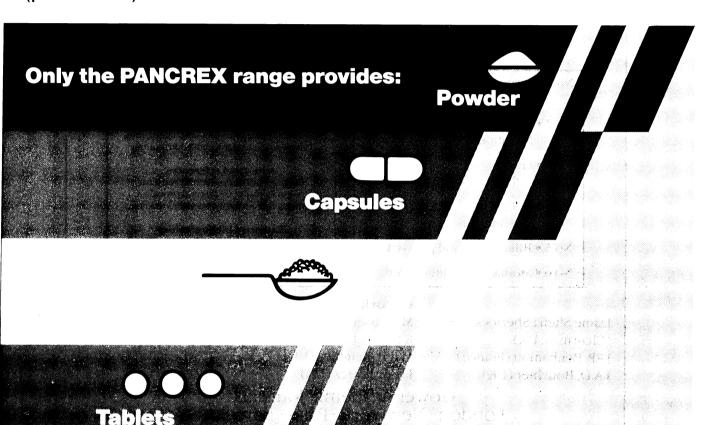
Rybar

Extend the range...

of pancreatic enzyme therapy with the five flexible forms of

ANCREX

(pancreatin)



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 iss), chronic pancreatitis and pancreatic steatorrhoea following pancreatectomy. May also be indicated following gastrectomy as an aid to digestion.

an aid to digestion.

Minimum activity in BP Units:
PREPARATION
PROPARCREX POWDER
PANCREX BRANULES
PANCREX CAPSULES
PANCREX V CAPSULES
PANCREX V CAPSULES
PANCREX V TABLETS
PANCREX V FORTE TABLETS

Dosage:
PANCREX V POWDER: 1/2-2g swallowed dry or mixed with water or milk, 4 times daily with meels.
PANCREX GRANULES: 5-10g swallowed dry or mixed with water or milk, 4 times daily before meals.
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with feeds. Older children/adults-2-6 capsules, 4 times daily with meals

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

Main Contra-Indications/Warnings:
If Pancrex V is mixed with feeds or liquids, the mixture should be

If Pancrex V is mixed with reeds or liquids, the mixture should be consumed within one hour. In the case of newborn infants high dosage of Pancrex V may result in inflation 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.

Basic NMS Cests Pancrex V Powder 100g £6.53, 250g £13.90. Pancrex V Capsules 100 £3.71, 500 £14.37. Pancrex V Capsules 125 500 £10.88. Pancrex Granules 100g £4.78, 500g £1.16. Pancrex V Tablets 100 £1.79, 500 £4.79. Pancrex V Forte Tablets 100 £3.23, 500 £12.46.

100 £3.23, 500 £12.46.
Preduct Lloesce Numbers: Pancrex V Powder 0051/5004,
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0051/5104, Pancrex Granules 0051/5003, Pandrex V Tablets
0051/5002, Pancrex V Forte Tablets 0051/5000.

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(pancreatin)

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GASTROENTÉROLOGIE CLINIQUE ET BIOLOGIQUE

Gastroenterol Clin Biol, t. 11.

Nº 8-9

August-September 1987

CONTENTS		Original contribury: Criteria for ascribing an acute hepatitis to a drug. Results of consensus meetings	581
Editorial: Towards highgrade pictures	537	G. Danan, C. Benichou, B. Begaud, M. Biour, P. Couzigou, J. C. Évreux, G. Lagier, P. Berthelot and J. P. Benhamou	2.001
DIGESTIVE TRACT AND PANCREAS Editorial:		Current trend: In vitro studies in the diagnosis of drug-induced hepatitis Y. CALMUS, M. BIOUR and R. POUPON	586
Campylobacter pylori: a new pathogen? F. MÉGRAUD and H. LAMOUTATTE	539	Clinical cases: Adult respiratory distress syndrome caused by a pancrea-	
Original articles: Campylobacter pylori and gastric mucosa: histological and bacteriological studies, and preliminary results		tico-bronchial fistula, in the course of acute pancreatitis. Report of two cases. J. Le Mée, F. Langonnel and F. Fékété	599
of an epidemiological survey in Nantes's area M. F. Le Bodic, P. Barré, C. Freland, P. Cerbelaud, S. Bruley Des Varannes, A. Lavignolle, H. Dru-	543	Bucco-pharyngeal and esophageal Crohn's disease J. L. Peix, G. Moulin, M. Évreux, N. Berger and M. Magis	604
GFON, H. LE BODIC and J. P. GALMICHE An original method of bacterial sampling for the study of Campylobacter pylori in duodenal ulcer	550	Hepatocellular carcinoma and hyperestrogenia in a man G. Salles, D. Vital Durand, R. Mackiewicz, M. Pugeat and R. Levrai	607
GUFT		Letters to the editors:	
Detection of lactose malabsorption by hydrogen breath- test in 70 tunisian adults	554	Study of the concentration of potentially explosive colonic gaz after bowel preparation with polyethylene glycol M. A. BIGARD, M. A. GELOT, J. M. DOLLET, B. CHAMPIGNEULE and P. GAUCHER	610
A. BEN AMMAR and H. GAROUT		An unusual cas of obstructive acute pancreatitis	611
Current trend: Nutritional and metabolic status of cancer patients	558	M. DELVAUX, J. ESCOURROU, J. FREXINOS and	
J. Delarue and E. Lerebours	220	A. RIBET Turner's syndrome, hemangioma and thrombocyto-	
LIVER AND BILIARY TRACT Editorial:		penia. C. Eugène, F. Tussiau, P. Rocher, A. Fingerhut, M. L. Anciaux, A. Bergue and J. Quevauvilliers	612
Treatment of primary biliary cirrhosis	565	131 I metaiodobenzylguanidine scintigraphy and carcinoid tumors	612
Original articles: Vidarabin treatment of chronic active hepatitis associated with hepatitis B virus replication. A multicenter rando-		L. Siproudhis, J. F. Bretagne, L. Nicol, M. F. Lebodic, P. Bourguet, J. Kernec, G. Lancien, J. Y. Herry and J. Gastard	
mized study. D. Ouzan, F. Degos, P. Marcellin, J. Linberg, M. Chevallier, C. Degott, C. Bréchott, P. Chosse-	568	Dihydralazine-induced hepatitis	614
GROS, A. M. WEISS, J. HIRTZ, M. GAUDRIC, P. PIGNAL, M. BIGARD, A. CORTOT, E. H. METMAN, P. RAMPAL, J. DELMONT, J. FREXINOS, D. DHUMFAUX, J. GUERRE,		Heterogenous fatty infiltration of the liver: the ultra- sound abnormalities may be persistent	615
J. PAOLAGGI, P. BERTHELOT, J. P. BENHAMOU and C. TRÉPO		Single gallbladder metastase of a malignant melanoma revealed by a cholecystitis	615
Anatomic study of sclerosing odditis and biliopancreatic lesions: incidence and association in 109 autopsies	574	P. Y. BUGNON, B. SERVAIS and C. GAUTIER-BENOIT	
E. D. MARTIN, P. BEDOSSA and P. OUDINOT	3/4	On the interest of real time in ultrasonography B. MAROY and P. MOULLOT	616

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IN IRRITABLE BOWEL

Spasmonal alverine citrate

Objective assessment in a recent hospital study demonstrated that SPASMONAL significantly reduces colonic motor activity," providing relief from gut spasm and pain.

SPASMONAL has been proven to relieve colicky pain and help normalise bowel habit.²³ SPASMONAL has the benefit of being lactose free.

R 1 capsule tds



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.

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(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.

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