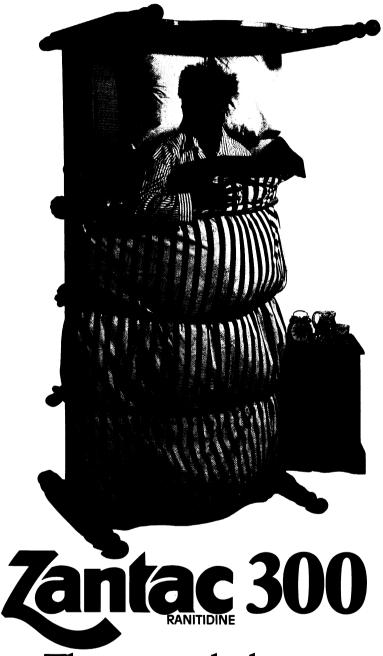
You don't have to go this far to treat acid reflux effectively



The sooner the better

PRESCRIBING INFORMATION: INDICATIONS: Duodenal ulcer, benign gastric ulcer, ulcers associated with non-steroidal anti-inflammatory drugs (NSAIDs), oesophageal reflux disease, severe oesophagitis, chronic episodic dyspepsia. **DOSAGE:** Adults: Duodenal ulceration and gastric ulceration: A single 300mg dose at bedtime or 150mg twice daily in the morning and evening for four weeks. Alternatively, in duodenal ulcers, 300mg in the morning and evening for four weeks to achieve optimal healing. Continued maintenance treatment of 150mg at bedtime is recommended for patients with a history of recurrent ulceration. Ulcers 190mg at bedutine is recommended for patients with a history of recurrent ulceration. Others following non-steroidal anti-inflammatory drug therapy or associated with continued non-steroidal anti-inflammatory drugs: 150mg twice daily for up to eight weeks. Chronic episodic dyspepsia: 150mg twice daily for six weeks, investigate early relapsers and non-responders. Oesophageal reflux disease: 300mg at bedtime or 150mg twice daily for up to eight weeks. Severe oesophagitis: 300mg four times daily for up to eight weeks (see data sheet for full dosage instructions). CONTRA-INDICATIONS: Patients with known hypersensitivity to ranitidine. PRECAUTIONS: Exclude the possibility of malignancy in gastric ulcer before instituting therapy, especially in middle-aged patients with peptic ulcer and on Napalo therapy is recommended especially if elderly. Reduce dosage in the presence of severe repal failure (see recommended especially if elderly. Reduce dosage in the presence of severe renal failure (see

data sheet). Like other drugs, use during pregnancy and lactation only if strictly necessary. SIDE EFFECTS: Headache, dizziness, skin rash, occasional hepatitis. Rarely, necessary.SIDE EFFECTS: Headache, dizziness, skin rash, occasional hepatitis. Rarely, reversible mental confusion states, usually in very ill or elderly patients. Rare cases of leucopenia and thrombocytopenia, usually reversible, agranulocytosis and pancytopenia. Hypersensitivity reactions, anaphylactic shock. Rare cases of breast symptoms in men. As with other H₂-receptor antagonists rare cases of bradycardia, A-V block and asystole (see data sheet). PRESENTATIONS: Zantac 150 Tablets each containing 150mg ranitidine (Product Licence number 0004/0279, 60 tablets £29-76); Zantac 300 Tablets £20+43); Zantac Dispersible Tablets each containing 150mg ranitidine (Product Licence number 0004/0298, 60 tablets £31-25); Zantac Syrup each 10ml dose containing 150mg ranitidine (Product Licence number 0004/0310, 300ml bottle £22-32). PRODUCT LICENCE HOLDER: Glaxo Operations U.K. Limited. Greenford. Middlesex UB6 0HE. U.K. Limited, Greenford, Middlesex UB6 0HE.

Zantac is a Glaxo trade mark Further information is available on request from: Further information is available on request rrom:
Glaxo Laboratories Limited, Greenford, Middlesex UB6 OHE. **Glaxo** Tel: 081-422 3434



Creon arrives rather than travelling in hope



Enteric-coated microspheres remain protected against gastric acid whilst mixing thoroughly with food ...



Microspheres pancreatin

Superior control of steatorrhoea[†]

[†]Compared with standard enteric-coated tablets in pancreatic insufficiency^{1,2}

Prescribing Information

Presentation: Brown-vellow capsules containing enteric coated granules of pancreatin equivalent to: 9,000 BP units of amylase; 8,000 BP units of lipase; 210 BP units of protease. Available in packs of 100. Basic NHS price £13.33.

Indication: Pancreatic exocrine insufficiency.

Dosage and administration: Adults and children: Initially one or two capsules with meals, then adjust according to response. The capsules can be swallowed whole, or for ease of administration they may be opened and the granules taken with fluid or soft food.

ease of administration they may be opened and the granules taken with fluid or soft food, but without chewing. If the granules are mixed with food, it is important that they are taken immediately, or otherwise dissolution of the enteric coating may result.

Contra-indications, Warnings, etc.: Contra-indications: Substitution with pancreatic enzymes is contra-indicated in the early stages of acute pancreatitis.

Warnings: Use in pregnancy; there is inadequate evidence of safety in use during pregnancy

The product is of porcine origin. Rarely cases of hyper-uricosuria and hyper-uricaemia have been reported with high doses of pancreatin. Overdosage could precipitate meconium ileus equivalent.

Perianal irritation could occur, and, rarely, inflammation when large doses are used.

Product Licence Number: 5727/0001.

Name and address of Licence Holder: Kali Chemie Pharma GmbH, Postfach 220, D-3000, Hannover 1, West Germany

References
1. Stead RJ et al. *Thorax* 1987;42:533-537. 2. Beverley DW et al. *Arch Dis Child*

Further information is available from: Duphar Laboratories Limited, Gaters Hill, West End, Southampton SO3 3JD. Tel: (0703) 472281.

thorough digestion and control of steatorrhoea

CLOCKWORK ORANGE



Fybogel Orange contains natural fibre and can be trusted to relieve constipation quickly and maintain regularity.¹

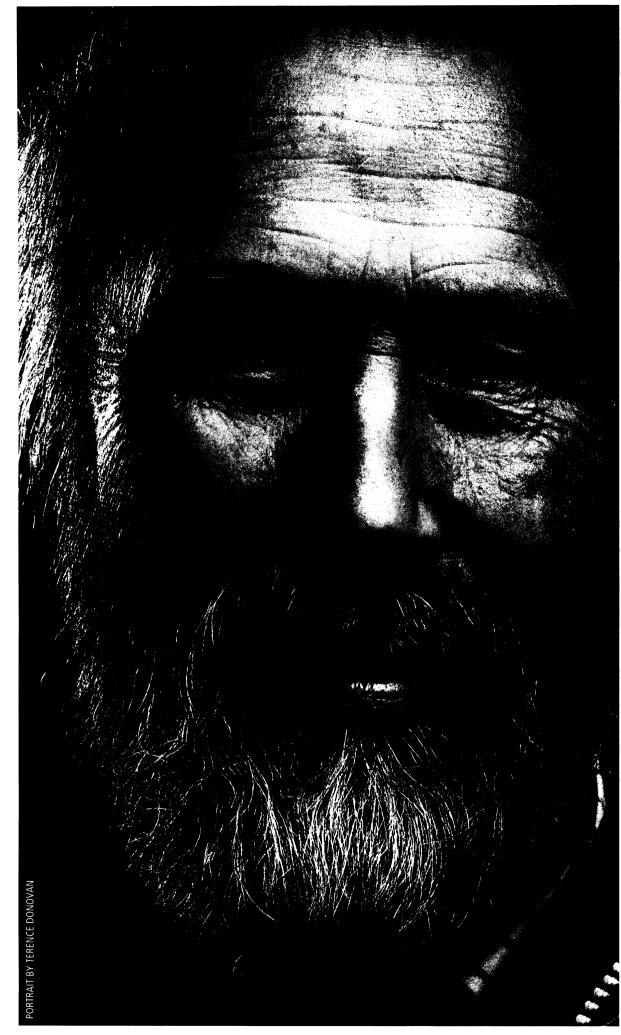
REGULAR AS CLOCKWORK



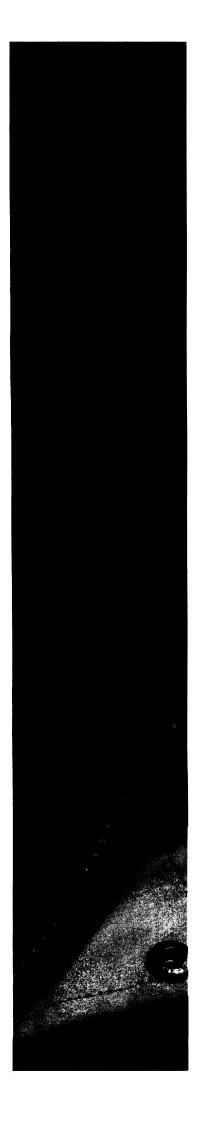


References 1. Difference in cost between once-nightly four week courses of 'Tagamet' and the least expensive alternative H₂-matagonist brand if 90% of patients currently receiving other brands were prescribed 'Tagamet' (prices from MIMS, January 1991). 2. Medicalfocus (1990). Produced by Taylor Nelson Healthcare using data derived from the VAMP Research Bank. 3. Data on File Smith Kline & French Laboratories. 4. Scriptcount: MAT 21.12.90.

Prescribing information. Presentation Tagamet Tiltab' Tablets, PL 0002/0128, each containing 800 mg cimetidine. 30 (2 calendar strips of 15 tablets), £17.76. 'Tagamet' Tablets, PL 0002/0092, each containing 400 mg cimetidine. 60 (4 calendar strips of 15 tablets), £18.69. 'Tagamet Tiltab' Tablets, PL 0002/0063R, each containing 200 mg/cimetidine. 120 (4 blister strips of 30 tablets), £17.80. 'Tagamet' Effervescent Tablets, PL 0002/0206, each containing 400 mg/cimetidine. 67 (2 tablet 67 23 tablets), £18.60. cimetidine, 60 (3 tubes of 20 tablets) £18.69. 'Tagamet' Syrup, PL 0002/0073R, containing 200 mg cimetidine per 5 ml. 600 ml, £25.90. Uses Duodenal and benign gastric ulceration, including that associated with NSAIDs recurrent and stomal ulceration, oesophageal reflux disease. Other conditions where reduction of gastric acid by 'Tagamet' is beneficial: persistent dyspeptic symptoms, particularly meal-related, including such symptoms associated with NSAIDs; prophylaxis of stress-induced gastrointestinal haemorrhage and of acid aspiration (Mendelson's) syndrome; malabsorption and fluid loss in short bowel syndrome; to reduce degradation of pancreatic enzyme supplements; Zollinger-Ellison syndrome. Dosage Usual maximum, 2.4 g/day. For full e instructions see Data Sheet. Adults: Oral: In duodenal ulcer or benign gastric ulcer, 800 mg once a day at bedtime.
Otherwise usual dosage, 400 mg b.d. with breakfast and at bedtime. Alternatively 200 mg t.d.s with meals and 400 mg at bedtime (1.0 g/day) or if inadequate, 400 mg q.d.s. with meals and at bedtime (1.6 g/day). Treat for at least 4 weeks (6 weeks in benign gastric ulcer. 8 weeks in ulcer associated with continued NSAIDs). For continued treatment, 400 mg at bedtime or else 400 mg morning and at bedtime. To prevent relapse of peptic ulcer, usually 400 mg at bedtime or else 400 mg morning and at bedtime. *Oesophageal* reflux disease: 400 mg q.d.s. with meals and at bedtime (1.6 g/day) for 4 to 8 weeks. Prophylaxis of stress-induced gastrointestinal haemorrhage, 200-400 mg every 4-6 hours. Prophylaxis of acid aspiration syndrome, 400 mg 90-120 minutes before induction of general anaesthesia or at start of labour; up to 400 mg repeated (parenterally if to 400 mg repeated (parenterally appropriate) at 4-hourly intervals while risk persists. Do not use 'Tagamet' Syrup. Zollinger-Ellison syndrome, 400 mg q.d.s. or more a day. To reduce degradation of pancreatic enzyme supplements, 800-1600 mg in 4 divided doses one to one and a half hours before meals. Dissolve effervescent tablets in a glass of water. *Children:* Over 1 year: 25-30 mg/kg/day, divided. Contra-indication Hypersensitivity to cimetidine. Precautions Impaired renal function: reduce dosage (see Data Sheet). Potentiation of oral anticoagulants, phenytoin, theophylline and intravenous lignocaine (see Data Sheet). Prolonged treatment: observe patients regularly. Potential delay in diagnosis of gastric cancer (see Data Sheet). Regularly observe patients with a history of peptic ulcer and on NSAIDs, especially if elderly. Care in patients with compromised bone marrow (see Data Sheet). Avoid during pregnancy and lactation Adverse reactions Diarrhoea dizziness, rash, tiredness. Gynaecomastia, damage, occasional reversible liver confusional states (usually in the elderly or very ill). Very rarely interstitial nephritis, pancreatitis, throm thrombocytopenia, agranulocytosis, arthralgia, sinus bradycardia, tachycardia, heart block, aplastic anaemia; very rare reports of alopecia, reversible impotence but no causal relationship established at usual therapeutic doses. Legal category POM. 8.2.91 Smith Kline & French Laboratories, Welwyn Garden City, Hertfordshire AL7 1EY 'Tagamet', 'Tiltab' and the appearance of the tablets are trade marks. © 1991 Smith Kline TG:AD/1/003 & French Laboratories.







"I USED TO THINK ULCERS WERE CAUSED BY CITY LIFE, THEN I TRIED CLIMBING EVEREST – THE HARD WAY"

It would be hard to find a mountaineer who could outperform Chris Bonington.

And it would be hard to find an H₂-antagonist that could outperform 'Tagamet' in clinical use.

Today, 'Tagamet' continues to produce a great performance for your patients, and for your practice.

With rapid healing of duodenal ulcer and lasting protection from ulcer relapse, 'Tagamet' puts patients back on their feet fast, and then helps keep them ulcer-free.

What's more, 'Tagamet' can add real value to your practice. By using 'Tagamet' as your first-choice H_2 -antagonist, a General Practitioner with a list of 2,000 patients could retain over £1,000 extra each year within the practice budget.^{1,2}

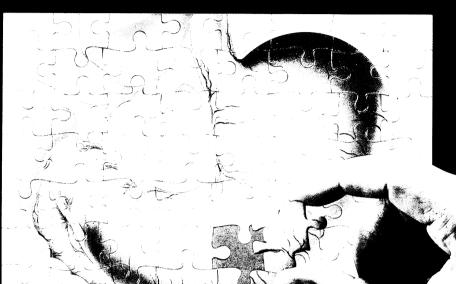
Added to this, 'Tagamet' is backed by the evidence of 16,000 publications and the experience of over 2 million patient years in the UK alone.³

Plus the trust and confidence of more than 5,000 prescriptions dispensed in the UK every day.⁴

And that's quite a performance, isn't it?



Unlike H2-antagonists, Cytotec puts back the G.I. prostaglandins NSAIDs take out.



NSAIDs cause ulcers by depleting mucosal protective prostaglandins.

Cytotec, a prostaglandin analogue, restores this protection.

Unlike H₂-antagonists, Cytotec not only inhibits acid secretion, but also stimulates bicarbonate secretion? increases mucus secretion and enhances gastric mucosal blood flow?

Consequently Cytotec prevents ulceration in the majority of patients taking NSAIDs.4.5



he impact of NSAIDs on the stomach

CYTOTEC Abbreviated Prescribing Information. Presentation: Tablet containing misoprostol 200 micrograms. Uses: Healing of duodenal and gastric ulcer induced by non-steroidal anti-inflammatory drugs (NSAID) in arthritic patients at risk, whilst continuing NSAID therapy. Prophylaxis of NSAID-induced ulcers. Healing of duodenal and gastric ulcer. Dosage: Adults including the elderly. Healing of duodenal and gastric ulcer: 800 micrograms daily in four divided doses taken with breakfast and/or each main meal and at bedtime. Prophylaxis of NSAID-induced ulcer: 200 micrograms twice daily, three times daily or four times daily. Refer to data sheet for additional information. Contraindications: Pregnant women, women planning a pregnancy, patients allergic to prostaglandins.

Warnings: Pre-menopausal women should use effective contraception and be advised of the risks of taking Cytotec if pregnant. Precautions: Cytotec does not produce hypotension in clinical studies at ulcer-healing doses, nevertheless exercise caution in disease states where hypotension might precipitate severe complications. Cytotec should not be administered during breast feeding. **Adverse effects**: Diarrhoea, abdominal pain, dyspepsia, flatulence, nausea, vomiting, dizziness, References: I. Wilson DE, Quadros E, Rajapaksa T, Adams A, Noar M. Dig Dis Sci 1986;
37 (suppl I): 1262s-129s. 2. Isenberg JL, Hogan DL, Koss MA, Selling JA. Gastroenterology
1986; 91: 370-378. 3. Sato N, Kawano S, Fukuda M, Tsuji S, Kamada T. Am J Med 1987; 83
(suppl IA): 15-21. 4. Graham DY, Agrawal NM, Roth SH. Lancet 1988; ii: 1277-1280.

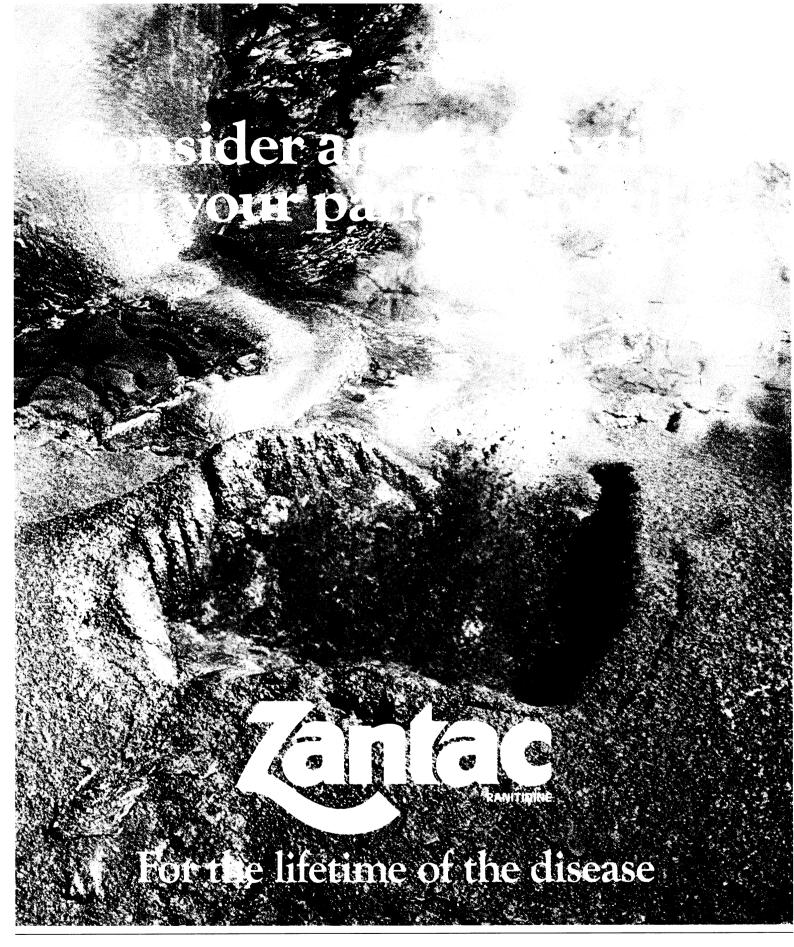
Selling JA. Gastroenterology
CROSS

SEARLE

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P.O. Box 53, Lane End Road, High Wycombe, Bucks. HPI2 4HL
Cytotec. Gold Cross and Searle are registered trade marks.

5. Searle Data on file.

Data sheet with full prescribing information is available on request



PRESCRIBING INFORMATION: INDICATIONS: DUODENAL ULCER, BENIGN GASTRIC ULCER, ULCERS ASSOCIATED WITH NON-STEROIDAL ANTI-INFLAMMATORY DRUGS (NSAIDA), REFLUX OESOPHAGITIS, CHRONIC EPISODIC DYSPEPSIA. DOSAGE: ADULTS: THE USUAL DOSAGE IS 50MG TWICE DAILY IN THE MORNING AND EVENING. ALTERNATIVELY, PATIENTS WITH DUODENAL ULCERATION, GASTRIC ULCERATION OR REFLUX OESOPHAGITIS MAY BE TREATED WITH A SINGLE BEDTIME DOSE OF 300MG IN ULCERS FOLLOWING NON-STEROIDAL ANTI-INFLAMMATORY DRUG THERAPY, OR ASSOCIATED WITH CONTINUED NON-STEROIDAL ANTI-INFLAMMATORY DRUGS OR IN THE MANAGEMENT OF REFLUX OESOPHAGITIS UP TO EIGHT WEEKS' TREATMENT MAY BE NECESSARY. CHRONIC EPISODIC DYSPEPSIA: 150MG TWICE DAILY FOR SIX WEEKS; INVESTIGATE EARLY RELAPSERS AND NON-RESPONDERS. (SEE DATA SHEET FOR FULL DOSAGE INSTRUCTIONS) CONTRA-INDICATIONS; PATIENTS WITH KNOWN HYPERSENSITIVITY TO RANITIDINE. PRECAUTIONS; EXCLUDE THE POSSIBILITY OF MALIGNANCY IN GASTRIC ULCER BEFORE INSTITUTING THERAPY, ESPECIALLY IN MIDDLE-AGED PATIENTS WITH RECENTLY CHANGED DYSPEPTIC SYMPTOMS. SUPERVISION OF PATIENTS WITH PEPTIC ULCERS AND ON NSAID THERAPY IS RECOMMENDED ESPECIALLY IF ELDERLY. REDUCE DOSAGE IN THE PRESENCE OF SEVERE RENAL FAILURE (SEE DATA SHEET). LIKE OTHER DRUGS, USE DURING PREGNANCY AND LACTATION ONLY IF STRICTLY NECESSARY.

SIDE EFFECTS: HEADACHE, DIZZINESS, SKIN RASH, OCCASIONAL HEPATITIS. RARELY, REVERSIBLE MENTAL CONFUSION STATES, USUALLY IN VERY ILL OR ELDERLY PATIENTS. RARE CASES OF LEUCOPENIA AND THROMBOCYTOPENIA, USUALLY REVERSIBLE, AGRANULOCYTOSIS AND PANCYTOPENIA. HYPERSENSITIVITY REACTIONS, ANAPHY-LACTIC SHOCK. RARE CASES OF BREAST SYMPTOMS IN MEN. AS WITH OTHER H., RECEPTOR ANTAGONISTS RARE CASES OF BRADYCARDIA AND AV BLOCK (SEE DATA SHEET). PRESENTATIONS: ZANTAC 150 TABLETS EACH CONTAINING 150MG RANITIDINE (PRODUCT LICENCE NUMBER 0004/0279, 60 TABLETS £19-76); ZANTAC 300 TABLETS EACH CONTAINING 300MG RANITIDINE (PRODUCT LICENCE NUMBER 0004/0302), 30 TABLETS £27: 43); ZANTAC DISPERSIBLE TABLETS £31-25); ZANTAC SYRUP EACH 10ML DOSE CONTAINING 150MG RANITIDINE (PRODUCT LICENCE NUMBER 0004/0310), 300ML BOTTLE £22-32). PRODUCT LICENCE NUMBER 0004/0310, 300ML BOTTLE £22-32). PRODUCT LICENCE HOLDER; GLAXO OPERATIONS U.K. LIMITED, GREENFORD, MIDDLESEX UB6 0HE ZANTAC IS A GLAXO TRADE MARK FURTHER INFORMATION IS AVAILABLE ON REQUEST FROM:
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THINK ENDOSCOPY



~ THINK KEYMED

It is easy to misconstrue endoscopy as a process of observing, monitoring and diagnosing. However, as endoscopists are aware, it is increasingly a means of delivering specialised diagnostic and therapeutic accessories to effect a variety of minimally invasive techniques. KeyMed supplies the comprehensive Olympus range of flexible accessories for all routine and specialised applications. Most accessories are fully autoclavable for convenience and to assist your infection control policy. We are always pleased to visit and demonstrate the range of accessory instrumentation. When you think of endoscopic accessories, think KeyMed.



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.

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 teratogenic 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**

duphar Gaters Hill, West End, Southampton, SO3 3JD. Telephone: 0703 472281

C/Hosp Ad/1/88



liquid: sodium alginate BP, sodium bicarbonate Ph.Eur., calcium carbonate Ph.Eur. tablets: alginic acid BP,

STOP REFLUX. PREVENT OESOPHAGITIS. sodium bicarbonate Ph.Eur., aluminium hydroxide BP, magnesium trisilicate Ph.Eur.

Prescribing Information. Liquid Gaviscon. Active Ingredients: Sodium alginate BP 500mg, sodium bicarbonate Ph.Eur. 26/mg and calcium carbonate Ph.Eur. 10/mg per 10/ml dosc. Indications: Heartburn, including heartburn of pregnancy, dyspepsia associated with gastric reflux, hatus hernia and reflux ocsophagitis. Contra-Indications: None known. Dosage and Administration: Adults, children over 12: 10-20ml liquid, after meals and at bedtime. Children under 12: 5-10ml liquid after meals and at bedtime. Note: 10ml liquid contains 6.2mmol sodium. Basic NHS Cost: 500ml liquid £2.70. PL. 44/00/58. Gaviscon Tablets. Active Ingredients: Alginic acid BP 500mg, sodium bicarbonate Ph.Eur. 170mg, dried aluminium hydroxide gel BP 100mg, magnesium trislicate Ph.Eur. 25mg per tablet. In a sugar free peppermint flavoured base containing calcium carbonate (40mg) and saccharin. Indications: Heartburn, including heartburn of

pregnancy, dyspepsia associated with gastric reflux, hiatus hernia and reflux oesophagitis. Contra-Indications: None known. Dosage and Administration: Adults, children over 12: 1 or 2 tablets after meals and at bedtime. Children under 12: 1 tablet after meals and at bedtime. Note: 1 tablet contains 2.1mmlo sodium. Tablets should be thoroughly chewed. Basic NHS Cost: 60 tablets £2.25. PL: 44/0021. References: 1. Washington N. (1990) Drug Invest. 2(1) 23-30. 2. Stanciu C. & Bennett J.R. (1974) Lancet 109-111. 3. Bortolotti M. et al. (1985) In Esophageal Disorders, Pathophysiology and Therapy, ed. De Meester & Skinner. Raven Press 613-616. 4. Branicki F.J. et al. (1988) J. Ambullat. Monitoring 1(1) 61-72. Further information is available on request. Reckitt & Colman Products, Dansom Lanc. G1/91 RECKITT COLMAN.

THE QUALITIES OF LEADERSHIP

Experience

Unique among foam treatments, Colifoam has over 12 years of proven efficacy and safety in clinical practice.

Trust

Equally as effective as steroid enemas,^{1,2}
Colifoam is well documented and is



the most prescribed topical treatment³ for ulcerative colitis.

Confidence

Colifoam's simplicity and effectiveness has transformed the lives of thousands of patients, enabling them to pursue active social and working lives.¹



The leading topical treatment for ulcerative colitis.

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 retrigerate. Keep out of reach of children. For external use only. Legal category: POM. Package Quantity & Basic NHS cost: 25g canister plus applicators. £7.25. Further Information: One applicatorful of Colifoam provides a dose of approximately 125 mg of hydrocortisone acetate, similar to that used in a retention enema, for the treatment of ulcerative colitis, sigmoiditis and proctitis. Product Licence No.: 00.36/0021. References 1. Somerville KW et al. British Medical Journal 1985; 291.866. 2. Ruddell WSJ et al. Gut 1980; 21:885-889. 3. Independent Research Audit. Data on File. Further information is available on request. Stafford-Miller Ltd., Professional Relations Division, Broadwater Road, Welwyn Garden City, Herts. AL7 3SP.

When your patients need Mesalazine ... they really need



Slow Release Tablets

HERE ARE JUST 3 REASONS WHY

1. CONTROLLED SLOW RELEASE THROUGHOUT THE GI TRACT

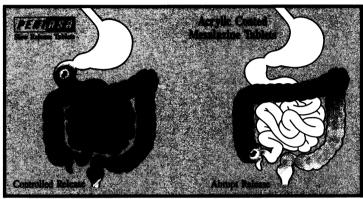
PENTASA releases mesalazine gradually throughout the large and small intestine.1 This avoids unduly high local concentrations, incomplete metabolism to acetyl mesalazine and undesirably high systemic absorption of mesalazine itself. The plasma concentration peaks of drug and metabolite during treatment with acrylic coated mesalazine suggest a more abrupt release of mesalazine from these preparations compared with PENTASA.1

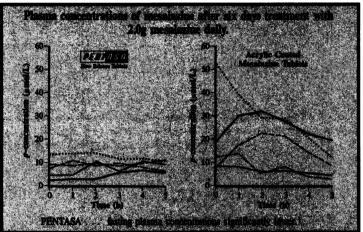
2. MINIMAL POTENTIAL FOR KIDNEY DAMAGE

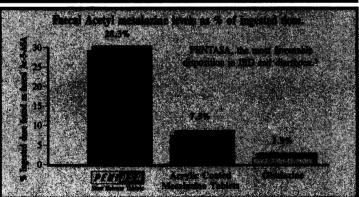
With PENTASA there is virtually complete metabolism to acetyl mesalazine which gives low plasma concentrations of mesalazine² and reduces the likelihood of nephrotoxicity.

3. CLINICALLY EFFECTIVE CONCENTRATIONS IN THE **GUT LUMEN**

The controlled slow release from PENTASA results in clinically effective concentrations in the gut. In patients with inflammatory bowel disease and diarrhoea the disposition of PENTASA is superior to both acrylic coated mesalazine and olsalazine.3







PENTASA Mesalazine... when and where it's needed

Slow Release Tablets for the maintenance of remission in mild to moderate ulcerative colitis.

References: 1) Christensen LA et al (1990) Aliment. Pharmacol. Therap 4:523-533 2) Fallingborg J et al (1988) Falk Symposium No 49 3) Rijk MCM et al (1990) Abstract - Spring Meeting of Dutch Gastroenterologists

Abridged Prescribing Information

Name of Product: PENTASA Slow Release Tablets. Presentation: Round, white to light grey mortled tablets with a break line on one side. Each tablet contains 250mg mesalazine in a slow release presentation. Uses: For the maintenance of remission in mild to moderate ulcerative colitis. Dosage and administration: Adults: The usual dose is two tablets, three times daily. Contra-indications: Children under the age of 15 years. Known sensitivity to salicylates. Precautions, warnings etc: PENTASA is not recommended in patients with real impairment. Patients with raised blood urea or proteinuria should be treated with caution. PENTASA should be used with caution during pregnancy and lactation. Headache, diarrhoea and dyspepsia may occur in a small proportion of patients. Exacerbation of the symptoms of colitis may arise in patients who have previously had this problem with sulphasalazine. Package quantity: Bottles containing 200 tablets. Product Licence: PL 3194/0043 Basic NHS Price: 200 x 250 mg tablets £32.28. Product Licence Holder: Ferring Pharmaceuticals Ltd. 11 Mount Road, Feltham, Middlesex TW13 6AR. Date of preparation: April 1991. PENTASA is a registered trademark.

Further information is available from:

FERRING **PHARMACEUTICALS**



Unique metered dose aerosol – providing dosage uniformity1

Foam formulation - easier to retain than liquid preparations and preferred by patients^{2,3}

Proven clinical efficacy^{4,5}

Easy to use disposable applicators - clean and convenient for patients at home or at work

A complete local management system for maximum patient compliance



Prescribing information
Predfoam Prednisolone metasulphobenzoate sodium equivalent to 20mg prednisolone per metered dose.
Uses: Treatment of proctitis and ulcerative colitis. Dosage and administration: Adults and elderly patients.
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. Use should be discontinued at the discretion of the physician once the disease is stable and under control. Children: Not recommended 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. Precautions: The product should be used with extreme caution in the presence of severe ulcerative colitis. The possible occurrence of masking of local or systemic infection should be borne in mind when using this product. For rectal use only. 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. Use in pregnancy and lactation: 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: Overdosage by this route is unlikely Pharmaceutical Precautions: Pressurised container. Protect from sunlight and do not expose to temperatures above 50°C Do not pierce or burn even after use. Shake before use. Product Licence Number 0108/0101. Product Authorisation Number 100/40°1.

References

1. Data on file, Pharmax. 2. K.W. Somerville, et al [1985] BMJ, 291-866. 3. W.S.J. Ruddell, et al [1980] Gut. 885-889. 4. C. Rodrigues, et al [1987]. The Lancet, j. 1497. 5. Data on file, Pharmax.



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Right from the start Concorde has set the pace in aviation technology.

Two decades on, this innovative aircraft has kept its lead and maintained its competitive edge in the market.

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They are all designed, right from the word go, to deliver advanced performance whilst having the capability to adapt and evolve to meet the users future needs.

Our versatile video systems employ proven technology to enable you to adapt, evolve, upgrade and expand to meet changing needs.

Therefore, whatever direction you are taking in developing your clinical facilities; one thing you can be certain of – Pentax will make the going a whole lot easier.



Calculate with confidence

CIA software

Confidence Interval Analysis (CIA) is a computer program that takes the sweat out of calculating confidence intervals. Devised by Martin Gardner, professor of medical statistics, MRC Environmental Epidemiology Unit, University of Southampton. The program is menu driven with easy access to each chapter and to the method required within each chapter. Topics covered include calculating confidence intervals for:

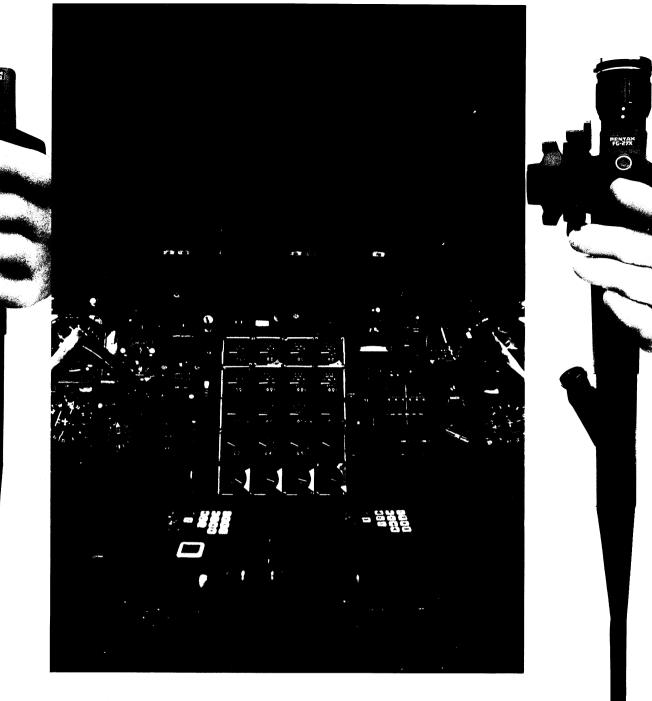
- means and their differences
- proportions and their differences
- regression and correlation
- non-parametric analyses

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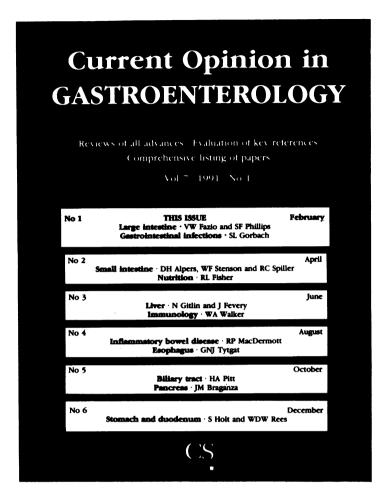
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2. Campieri M et al. Scand J Gastroenterol 1990; 25:663-8.

3. Riley SA et al. Gastroenterology 1988; 94:1383-9. 4. Williams CN et al. Digestive Diseases and Sciences 1987; 32 (Suppl):71S-75S. *Mesalazine is the British approved name of 5-aminosalicylic acid

