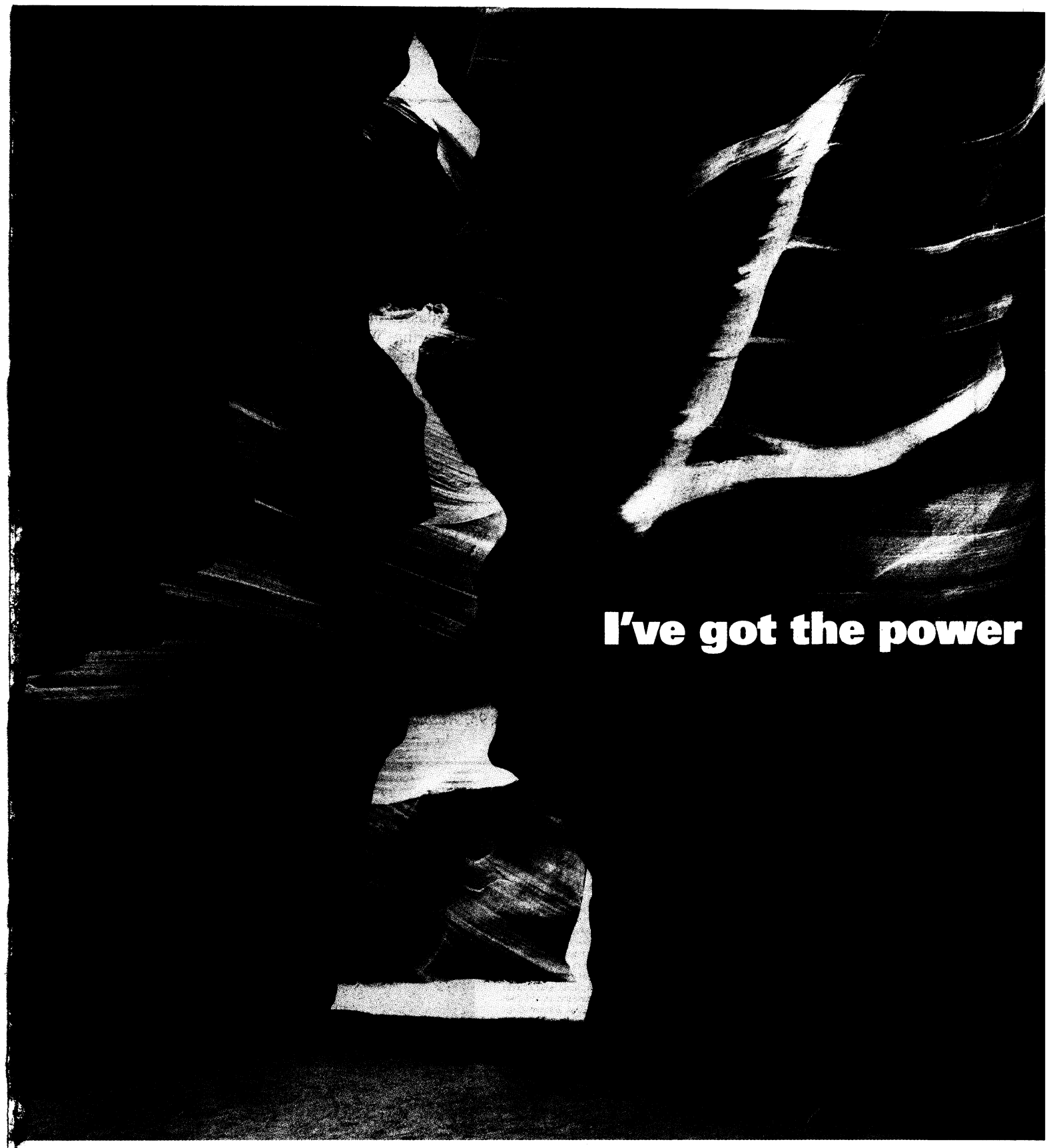


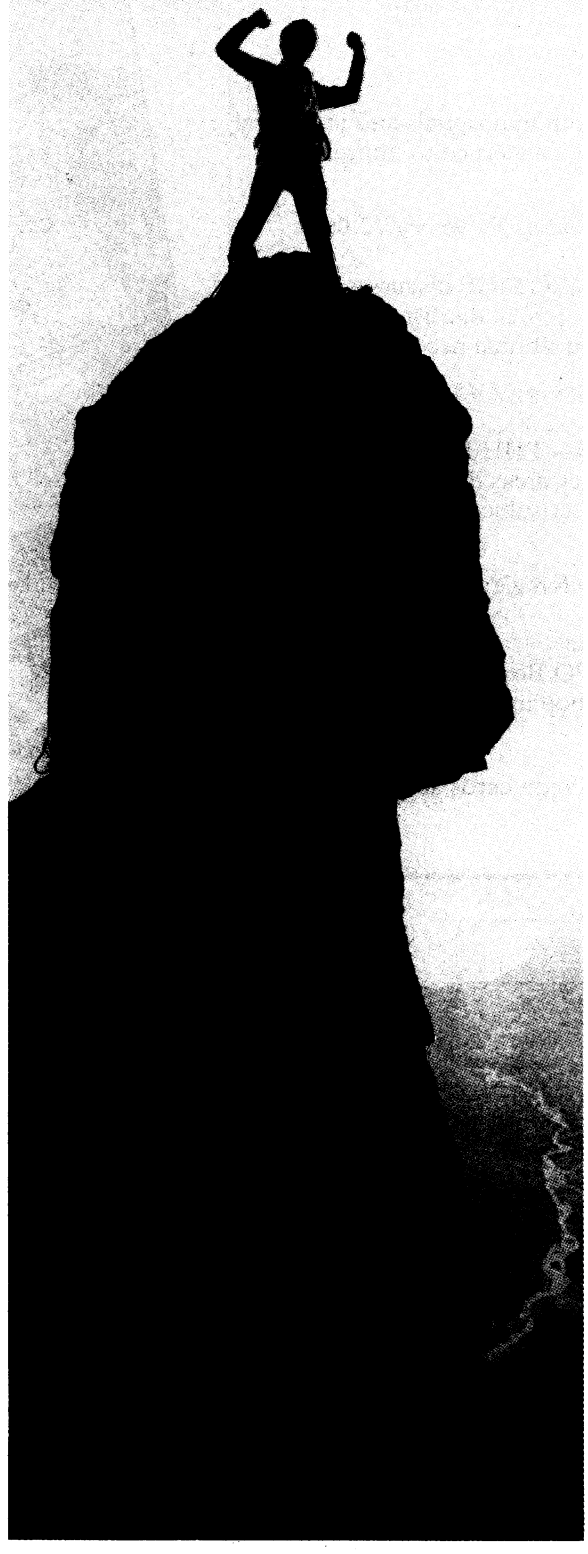
PRESCRIBING INFORMATION: INDICATIONS: Duodenal ulcer, benign gastric ulcer, ulcers associated with non-steroidal anti-inflammatory drugs (**NSAIDs**), oesophageal reflux disease, severe oesophagitis, chronic episodic dyspepsia. **DOSAGE:** Adults: Duodenal ulceration and gastric ulceration: A single 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 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:** In patients in whom sodium restriction is indicated, care should be taken when administering sodium-containing Effervescent Tablets and Granules. Exclude the possibility of malignancy in gastric ulcer before instituting therapy, especially in middle-aged patients with new or recently changed dyspeptic symptoms. Regular supervision of patients with peptic ulcer 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, anaphylactic shock. Rare cases of breast symptoms in men. As with other H_2-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 each containing 300mg ranitidine (Product licence number 0004/0302, 30 tablets £27·43); Zantac Dispersible Tablets each containing 150mg ranitidine (Product licence number 0004/0298, 60 tablets £31·25); Zantac Effervescent Tablets each containing 150mg ranitidine and 14·3mEq sodium (Product licence number 0004/0392, 60 tablets £31·25); Zantac Effervescent Tablets each containing 300mg ranitidine and 20·8mEq sodium (Product licence number 0004/0393, 30 tablets £31·25); Zantac Effervescent Granules each containing 150mg ranitidine and 10·2mEq sodium (Product licence number 0004/0394, 30 sachets £15·63); Zantac Effervescent Granules each containing 300mg ranitidine and 20·4mEq sodium (Product licence number 0004/0395, 30 sachets £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. Zantac is a Glaxo trade mark. Further information is available on request from: Glaxo Laboratories Limited, Stockley Park West, Uxbridge, Middlesex UB11 1BT. Tel: 081 990 9000.

Glaxo ©

Official sponsors of the British Olympic Team.

Zantac
RANITIDINE

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 treatment[3] 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]

COLIFOAM
10% Hydrocortisone acetate foam.

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 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. 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.

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®

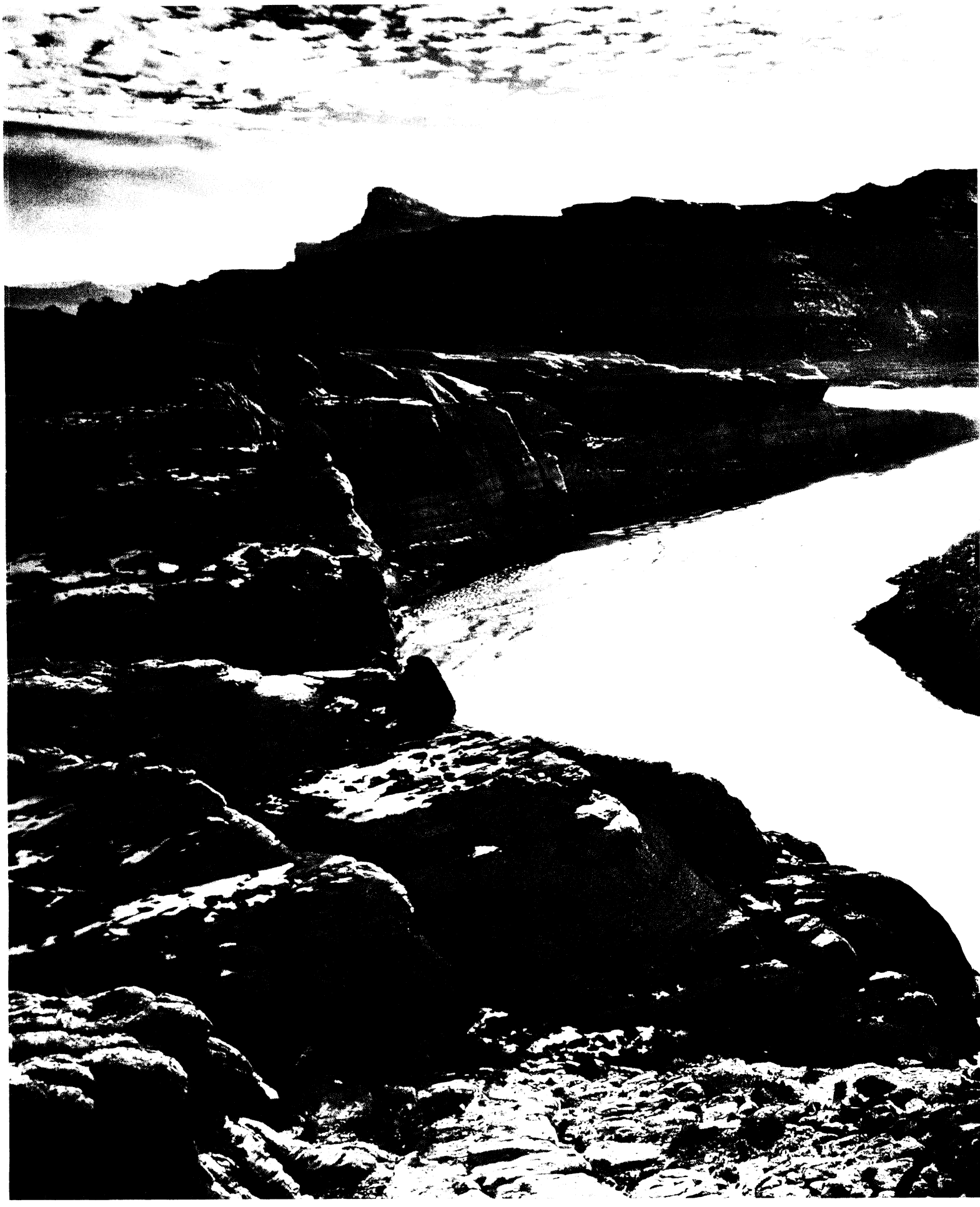
mebeverine

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. Gastrointestinal 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 Duphar Laboratories Limited, Gaters Hill, West End, Southampton, SO3 3JD. Telephone: 0703 472281

C/Hosp Ad/1/88



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 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**: In patients in whom sodium restriction is indicated, care should be taken when administering sodium-containing Effervescent Tablets and Granules. Exclude the possibility of malignancy in gastric ulcer before instituting therapy, especially in middle-aged patients with new or recently changed dyspeptic symptoms. Regular supervision of patients with peptic ulcer 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.

Glaxo ©

Official sponsors of the British Olympic Team.

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 H_2-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 each containing 300mg ranitidine (Product licence number 0004/0302, 30 tablets £27·43); Zantac Dispersible Tablets each containing 150mg ranitidine (Product licence number 0004/0298, 60 tablets £31·25); Zantac Effervescent Tablets each containing 150mg ranitidine and 14·3mEq sodium (Product licence number 0004/0392, 60 tablets £31·25); Zantac Effervescent Tablets each containing 300mg ranitidine and 20·8mEq sodium (Product licence number 0004/0393, 30 tablets £31·25); Zantac Effervescent Granules each containing 150mg ranitidine and 10·2mEq sodium (Product licence number 0004/0394, 30 sachets £15·63); Zantac Effervescent Granules each containing 300mg ranitidine and 20·4mEq sodium (Product licence number 0004/0395, 30 sachets £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. Zantac is a Glaxo trade mark. Further information is available on request from: Glaxo Laboratories Limited, Stockley Park West, Uxbridge, Middlesex UB11 1BT. Tel: 081 990 9000.

Zantac
RANITIDINE

For NSAID peace of mind

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 food.
Prophylaxis of NSAID-induced ulcer: Usual dose 200 micrograms twice daily taken with food. Higher frequency NSAID use – 200 micrograms three times a day. 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, skin rashes.
In women – menorrhagia, intermenstrual bleeding, vaginal bleeding.
Basic NHS Price: £13 per 56 tablets.
Product Licence Number: 0020/0115.
Data sheet with full prescribing information is available on request.

SEARLE
Searle, P.O. Box 53,
Lane End Road, High Wycombe
Bucks. HP12 4HL.
Cytotec and Searle are registered trade marks

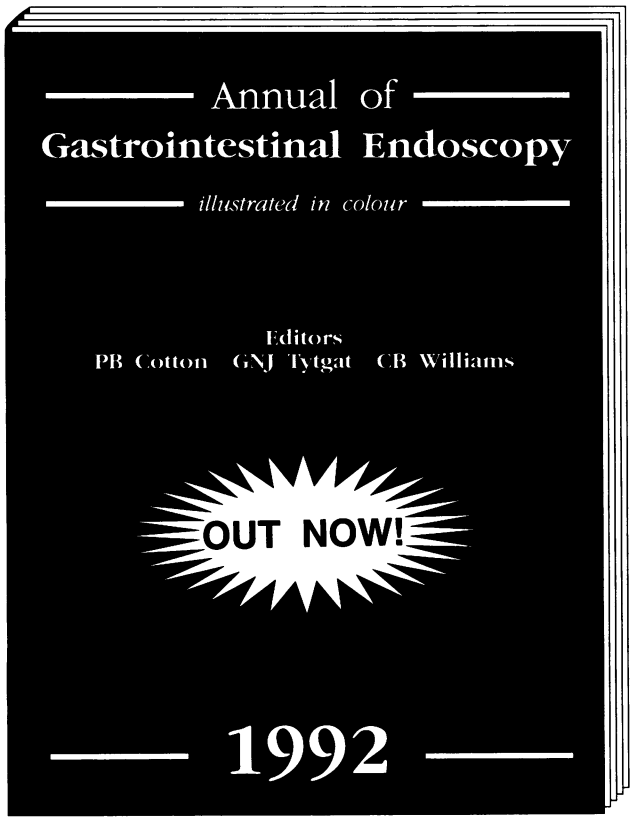
CYTOTEC®
misoprostol

Helps you stay with your NSAID of choice

Reviewed in *GUT*, June 1992

"This book can unreservedly be recommended for all active gastrointestinal endoscopy units. It is an excellent way of being kept abreast of changes in techniques and their application. This is an unusual case where an annual subscription is recommended!"

DG Colin-Jones



1992 CONTENTS

✓ **Authoritative:** leading experts select and write a critique of the previous year's literature.

✓ **Practical:** key papers are identified and annotated by experts to aid further reading.

✓ **Comprehensive:** all aspects of gastrointestinal endoscopy are covered and a comprehensive bibliography of world literature is printed at the end of the annual.

ORDER FORM FOR GUT READERS

Annual of Gastrointestinal Endoscopy 1992
☐ £60/US$95
Add £11/US$18.70 postage outside Europe and N America

Slide Atlas of Gastrointestinal Endoscopy 1992**
☐ £120/US$200
Add £10/US$17 postage outside Europe and N America

Current Opinion in Gastroenterology (vol 8, 1992, 6 issues)
☐ £65/US$110 (Personal)
☐ £130/US$220 (Institutional)
☐ £34.95/US$49.95 (Doctors-in-training*)
Add £20/US$35 postage outside Europe and N America

European Journal of Gastroenterology & Hepatology (vol 4, 1992, 12 issues)
☐ £85/US$145 (Personal)
☐ £170/US$290 (Institutional)
☐ £59.50/US$101.50 (Doctors-in-training*)
Add £25/US$42 postage outside Europe and N America

*Doctors-in-training must provide proof of status and may only subscribe at the discounted rate for a maximum of 2 years.

Total amount payable .....

☐ Am Ex ☐ VISA ☐ MasterCard

Signature ..... Date .....

Card No |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_| Exp Date |_|_|_|_|

☐ Cheque/Eurocheque enclosed payable to Current Science Ltd
PA subscribers add 6% sales tax. Philadelphia subscribers add 7% sales tax
Canadian subscribers must add GST at the current rate
Prices valid until December 1992
Prices in US$ apply to subscribers in N & S America ONLY
**UK Slide Atlas orders add 17.50% VAT

☐ Please send me an invoice (institutional subscriptions ONLY)

Please send me information on .....
.....
.....

Name
|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|

Address
|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|
|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|

Zip/Postcode
|_|_|_|_|_|_|_|_|_|_|_|_|

Country
|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|

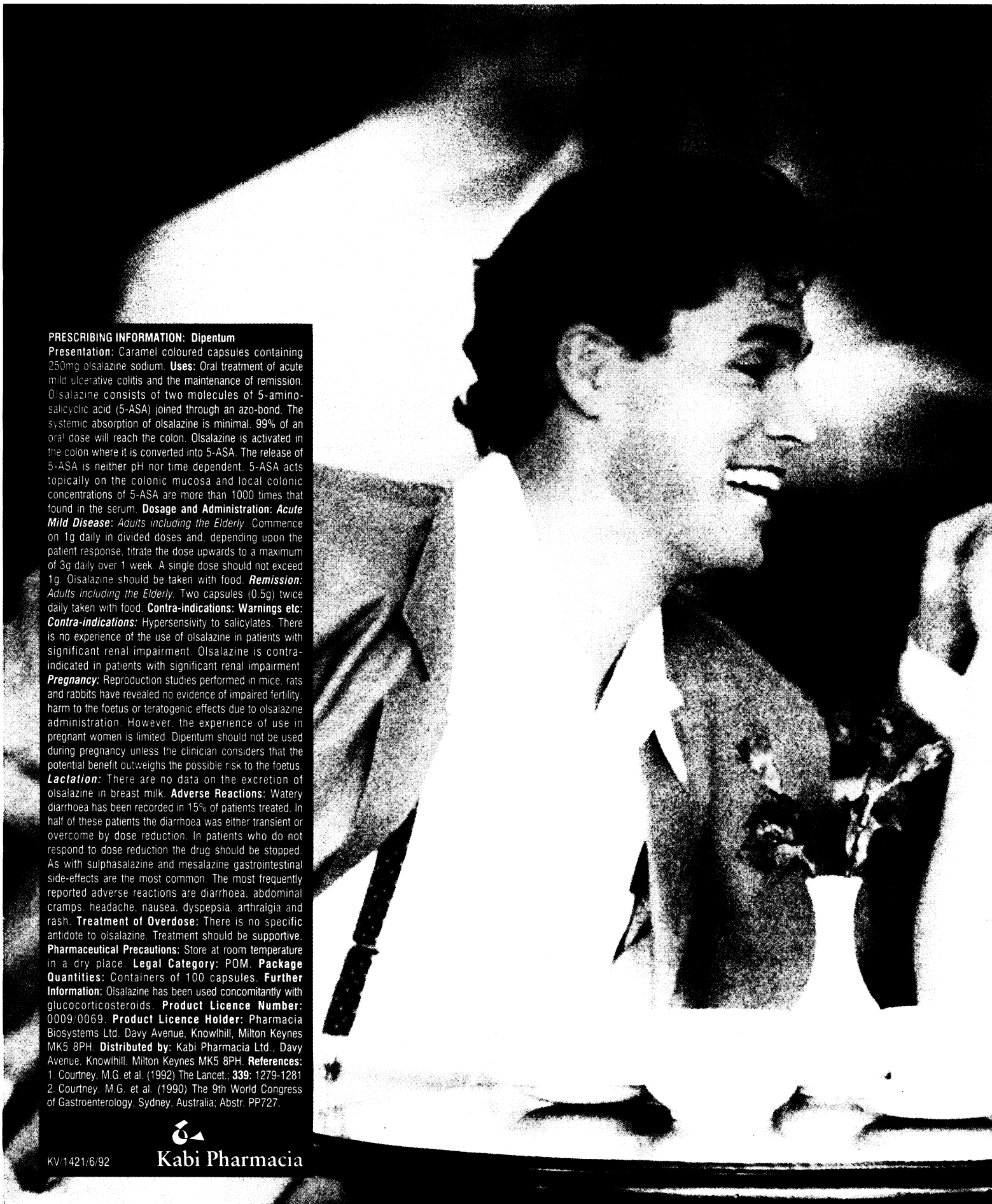
Telephone
|_|_|_|_|_|_|_|_|_|_|_|_|

Fax
|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|

Return this form together with payment to:
N & S America: CURRENT SCIENCE, Subscriptions, 20 North 3rd Street, Philadelphia, PA 19106-2199, USA or call TOLL FREE 1-800-552-5866 (in PA 215-574-2266)
Rest of world: CURRENT SCIENCE LTD, Subscriptions, 34-42 Cleveland Street, London, W1P 5FB, UK
For subscriptions in Japan please contact: Nankodo Co Ltd, 42-6 Hongo 3- chome, Bunkyo-ku, Tokyo 113, Japan

AG14

Why settle for 54% remis



PRESCRIBING INFORMATION: Dipentum
Presentation: Caramel coloured capsules containing 250mg olsalazine sodium. **Uses:** Oral treatment of acute mild ulcerative colitis and the maintenance of remission. Olsalazine consists of two molecules of 5-amino-salicyclic acid (5-ASA) joined through an azo-bond. The systemic absorption of olsalazine is minimal. 99% of an oral dose will reach the colon. Olsalazine is activated in the colon where it is converted into 5-ASA. The release of 5-ASA is neither pH nor time dependent. 5-ASA acts topically on the colonic mucosa and local colonic concentrations of 5-ASA are more than 1000 times that found in the serum. **Dosage and Administration:** ***Acute Mild Disease:*** *Adults including the Elderly.* Commence on 1g daily in divided doses and, depending upon the patient response, titrate the dose upwards to a maximum of 3g daily over 1 week. A single dose should not exceed 1g. Olsalazine should be taken with food. ***Remission:*** *Adults including the Elderly.* Two capsules (0.5g) twice daily taken with food. **Contra-indications: Warnings etc:** ***Contra-indications:*** Hypersensivity to salicylates. There is no experience of the use of olsalazine in patients with significant renal impairment. Olsalazine is contra-indicated in patients with significant renal impairment. ***Pregnancy:*** Reproduction studies performed in mice, rats and rabbits have revealed no evidence of impaired fertility, harm to the foetus or teratogenic effects due to olsalazine administration. However, the experience of use in pregnant women is limited. Dipentum should not be used during pregnancy unless the clinician considers that the potential benefit outweighs the possible risk to the foetus. ***Lactation:*** There are no data on the excretion of olsalazine in breast milk. **Adverse Reactions:** Watery diarrhoea has been recorded in 15% of patients treated. In half of these patients the diarrhoea was either transient or overcome by dose reduction. In patients who do not respond to dose reduction the drug should be stopped. As with sulphasalazine and mesalazine gastrointestinal side-effects are the most common. The most frequently reported adverse reactions are diarrhoea, abdominal cramps, headache, nausea, dyspepsia, arthralgia and rash. **Treatment of Overdose:** There is no specific antidote to olsalazine. Treatment should be supportive. **Pharmaceutical Precautions:** Store at room temperature in a dry place. **Legal Category:** POM. **Package Quantities:** Containers of 100 capsules. **Further Information:** Olsalazine has been used concomitantly with glucocorticosteroids. **Product Licence Number:** 0009/0069. **Product Licence Holder:** Pharmacia Biosystems Ltd, Davy Avenue, Knowlhill, Milton Keynes MK5 8PH. **Distributed by:** Kabi Pharmacia Ltd., Davy Avenue, Knowlhill, Milton Keynes MK5 8PH. **References:**
1. Courtney, M.G. et al. (1992) The Lancet.; **339:** 1279-1281
2. Courtney, M.G. et al. (1990) The 9th World Congress of Gastroenterology, Sydney, Australia; Abstr. PP727.

KV/1421/6/92

Kabi Pharmacia

sion when you can achieve 76%?[1]

Ulcerative colitis can ruin lives with its distressing cycle of relapses. Surely the most rewarding strategy, once you've done the job of controlling the acute phase of this disease, is to maintain remission as effectively as possible.

A recent clinical study indicated a comfortable advantage for Dipentum over coated mesalazine in the maintenance of remission in ulcerative colitis.[2] The findings of this study have been incorporated into a paper published in The Lancet[1], giving Dipentum 22% superiority in 12-month remission rates. But then what would you expect from a 5-ASA treatment that can deliver 99% of an oral dose to the colon?

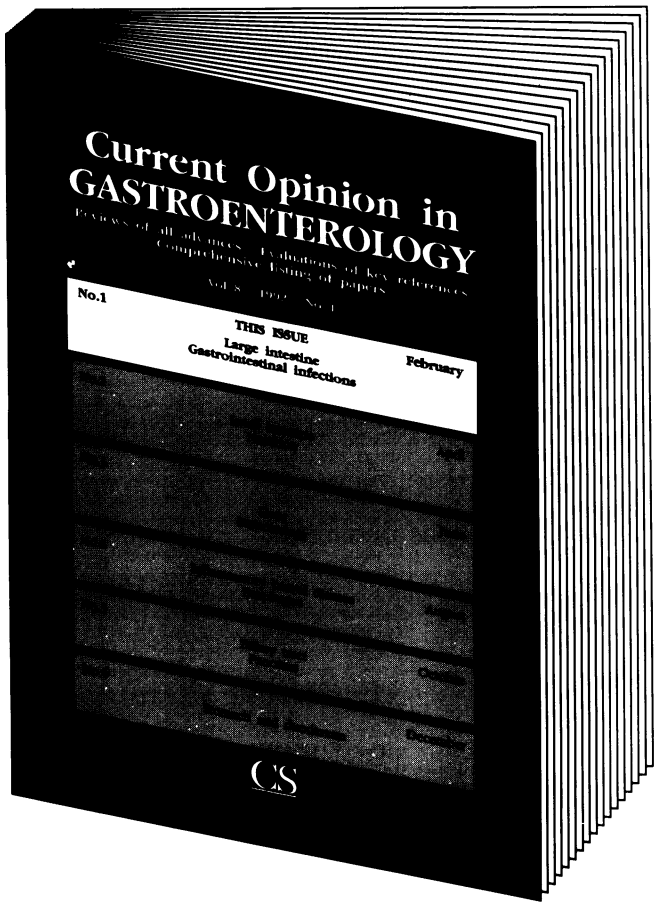
IN ULCERATIVE COLITIS

Dipentum®

olsalazine sodium

Because remission means so much

KEEP UP WITH CURRENT OPINION



Clear and concise reviews by leading authorities

Comprehensive bibliographies with annotated references

The best way to stay informed

Edited by R M Donaldson, Jr

NO RISK GUARANTEE
You may cancel your subscription any time within 30 days of receiving your first issue and receive a full refund

---

Current Opinion in GASTROENTEROLOGY - vol 8, 1992, 6 issues

	EUROPE	USA & CAN	S AMERICA	REST OF WORLD
Personal	☐ £65	☐ $110	☐ $145	☐ £85
Institutional	☐ £130	☐ $220	☐ $255	☐ £150
Doctors-in-training*	☐ £34.95	☐ $49.95	☐ $84.95	☐ £54.95

N & S AMERICA Subscriptions to:
Current Science, 20 North 3rd Street
Philadelphia, PA 19106-2113, USA

REST OF THE WORLD Subscriptions to:
Current Science Ltd, 34-42 Cleveland Street,
London, W1P 5FB, UK

☐ Am Ex ☐ VISA ☐ MasterCard Card No. |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_| Exp Date |_|_|_|_|

Amount Payable ..... Signature ..... Date .....

☐ Cheque/Eurocheque enclosed payable to CURRENT SCIENCE LTD ☐ Bank transfer (details available on request) ☐ Please invoice me (institutional only)

Subscribers in Canada add GST at the current rate. £ sterling must be drawn on a UK bank, [illegible] a US bank.
* Doctors-in-training must provide proof of status and may only subscribe at the discounted rate for a maximum of 2 years.
All prices are valid until December 1992.

Name ..... Address .....

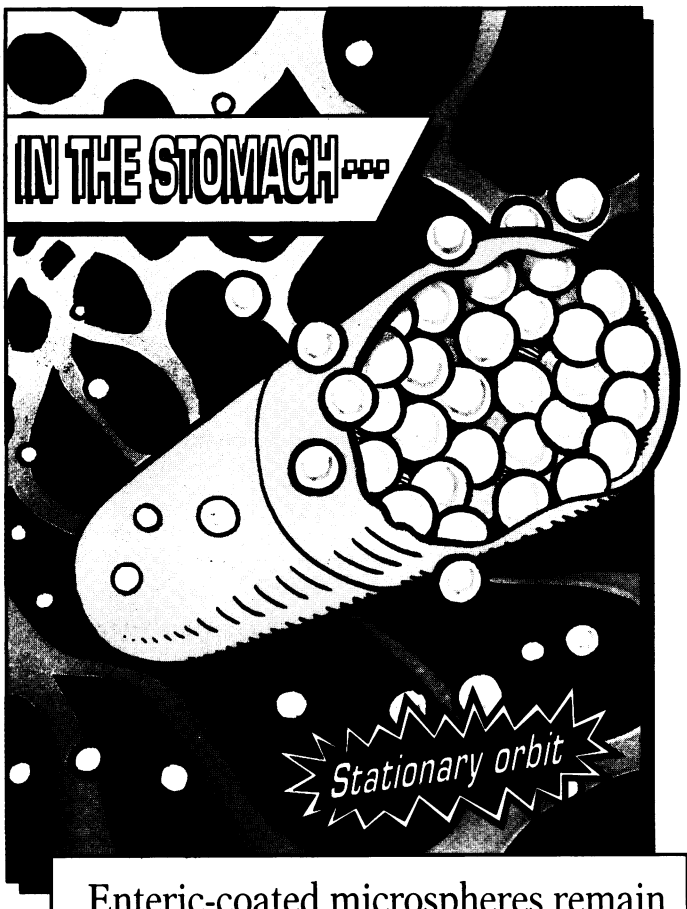
.....

Zip/Postcode ..... Country .....

OR YOU CAN FAX YOUR ORDER ON +44 (0)71 580 1938

EX13

Creon arrives rather than travelling in hope



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

Rising pH rapidly releases active pancreatin for thorough digestion and control of steatorrhoea

creon® *Microspheres*

pancreatin

Superior control of steatorrhoea†

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

Prescribing Information

Presentation: Brown-yellow 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, 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* 1987;**62**:564-568.

duphar

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

® Registered Trade Mark

CRE/PI/Ad/91