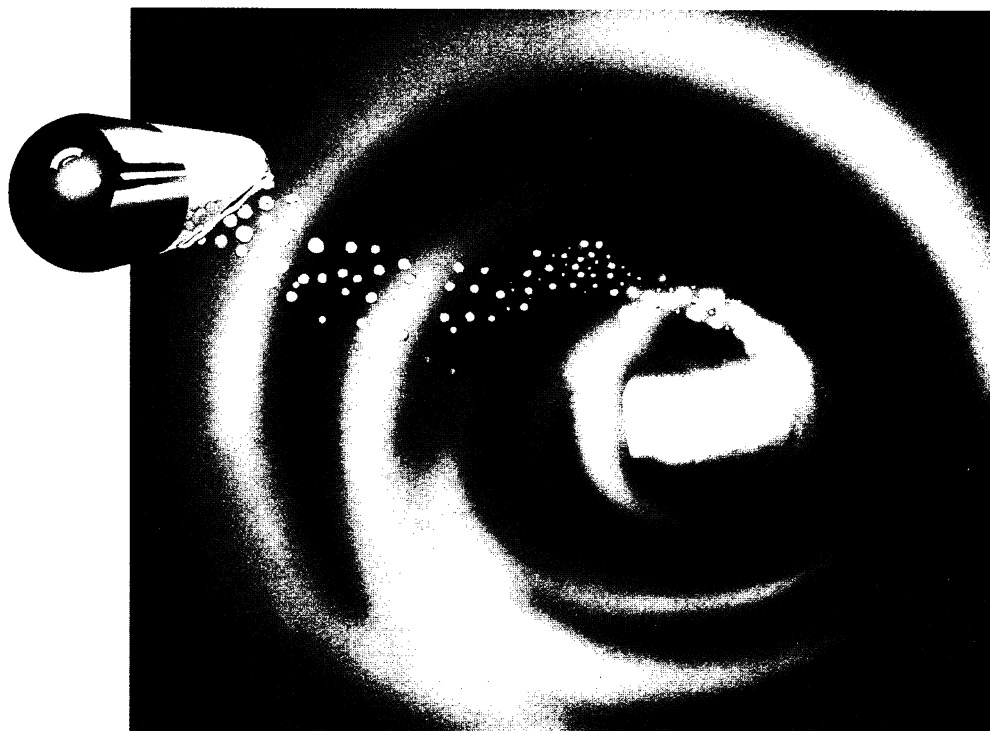


PROGRESS

In The Management Of Cystic Fibrosis



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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, otherwise dissolution of the enteric coating may result.

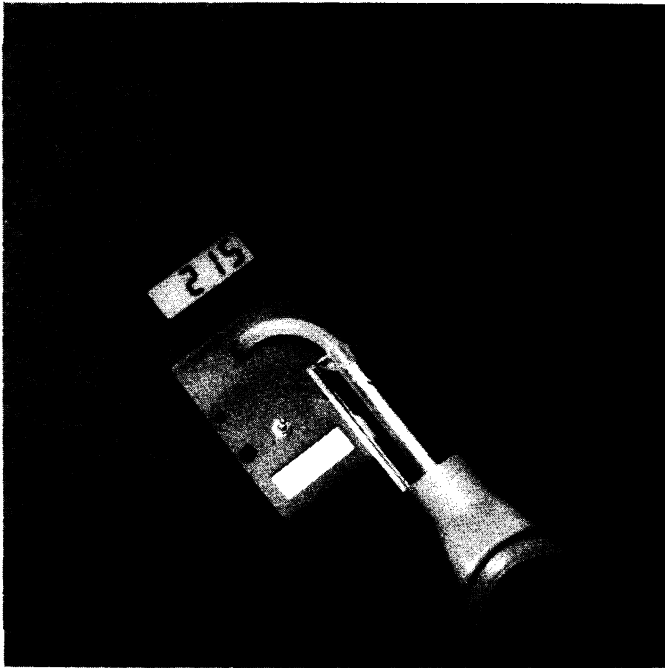
Contra-indications, Warnings, etc: Contra-indications: Substitution with pancreatic enzymes is contra-indicated in the early stages of acute pancreatitis. Warnings: Use in pregnancy: There is inadequate evidence of safety in use during pregnancy. The product is of porcine origin. Rarely cases of hyper-uricosuria 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.

duphar Further information is available from:
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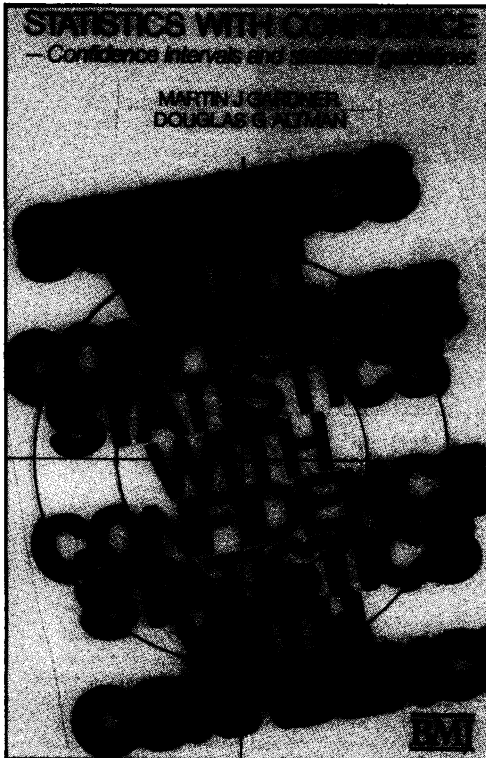


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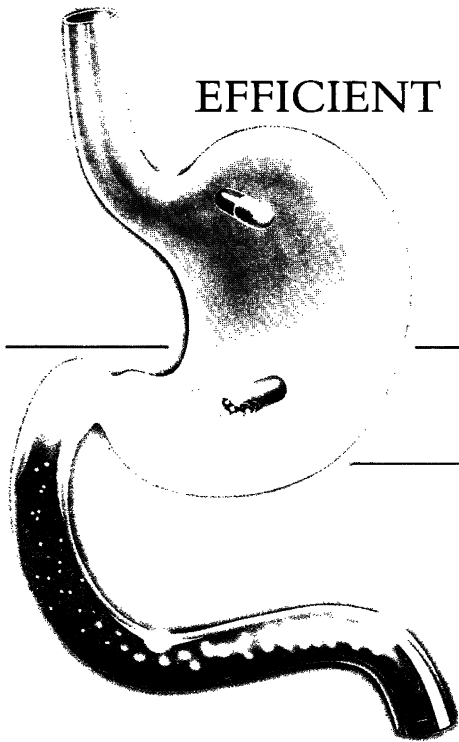
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Enteric coating of microspheres dissolves in duodenum at pH of 5, releasing enzymes for digestion of food.

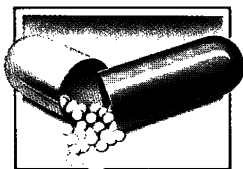
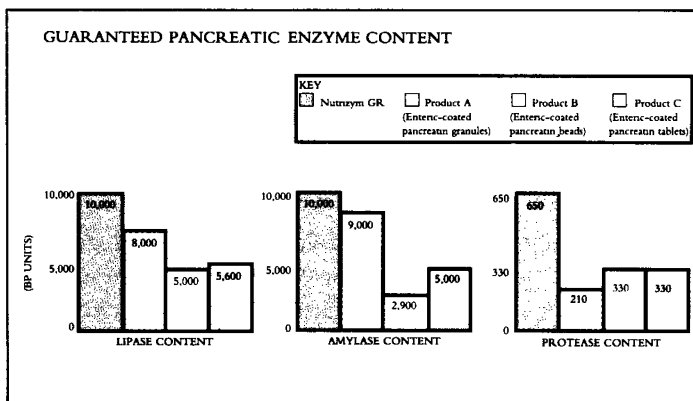
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REFERENCES 1) Meyer JH et al, *Gastroenterology*, 1988, Vol. 94, No. 6, 1315-25. 3) Dodge JA & Matthews EE (Data on file).
2) Littlewood JM, Kelleher J, Walters MP & Johnson AW, *J Paediatr. Gastroenterol. Nutr.*, 1988, Vol. 7, Suppl. 1, 522-529. 4) Stead RJ et al, *Thorax*, 1987, Vol. 42, 533-537.

Further information is available on request from E Merck Ltd, FREEPOST, Winchester Road, Four Marks, Alton, Hants GU34 5HG Telephone: (0420) 64011.

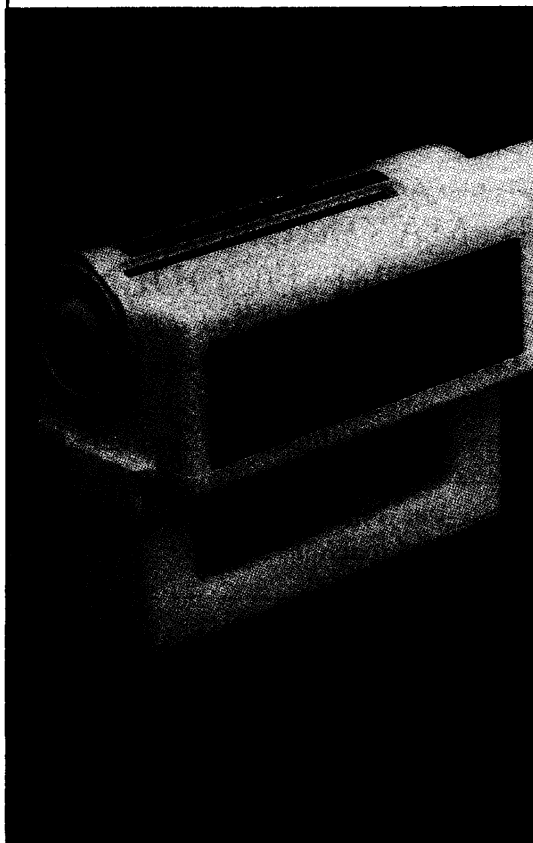
NUTRIZYM GR - Prescribing Information

Each capsule contains enteric coated pellets of Pancreatin BP 300 mg with not less than the following activities:
Lipase 10,000 BPU, Protease 650 BPU, Amylase 10,000 BPU
Use: Fibrocystic disease of the pancreas, chronic pancreatitis, steatorrhoea and other pancreatic deficiency states.
Dosage and Administration: Usually 1 - 2 capsules with meals.
Capsules should be swallowed whole with water or contents sprinkled on food. Pellets should not be chewed.
Contra-indications: Known hypersensitivity to porcine pancreatin.
Precautions: Hyperuricaemia and hyperuricosuria have been reported to occur in

cystic fibrosis patients; pancreatin extracts contain a very small amount of purine which might, in high dose, contribute to this condition.
Use in Pregnancy: Safety in pregnancy has not been established.
Side effects: Very rarely hypersensitivity reactions. High doses may cause buccal and perianal irritation, in rare cases amounting to inflammation.
Pharmaceutical Precautions
Store below 25°C in tightly closed containers.
Package quantities
Containers of 100 capsules (OP) PL 0493/0121;
NHS Price: £12.52 at February 1990

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