

Pancrehenz $\frac{10000}{25000}$

Pancreatin Capsules



The True Essentials

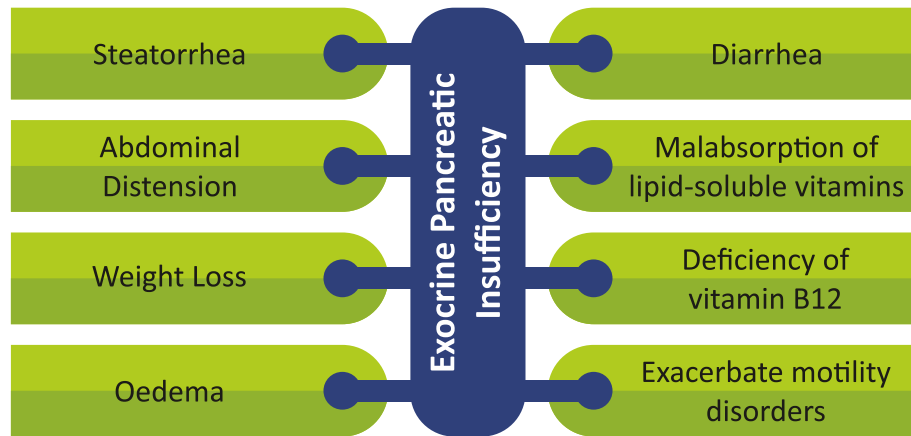
La Renon

Exocrine Pancreatic Insufficiency :

Exocrine pancreatic insufficiency (EPI) can be defined as a reduction in pancreatic enzyme activity in the intestinal lumen to a level that is below the threshold required to maintain normal digestion.

Exocrine pancreatic insufficiency (EPI) and resultant maldigestion occurs in up to 80% of patients following gastric, duodenal or pancreatic surgery.

Overview of Exocrine Pancreatic Insufficiency Symptoms

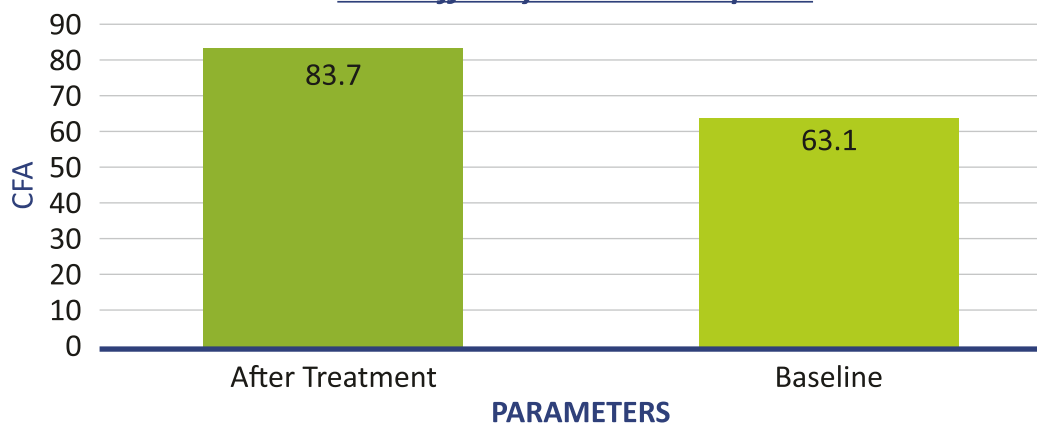


What is Pancreatic Enzyme Replacement Therapy (PERT) :

Pancreatic enzyme replacement therapy involves taking the digestive enzymes that one needs in the form of a tablet or capsule. All enzyme supplements contain Pancreatin – a mixture of pancreatic enzymes lipase, amylase and protease. These assist the digestion of fat, carbohydrates and proteins.

PERT Efficacy in improving CFA (Co-efficient of Fat Absorption) :¹

PERT Efficacy in Fat Absorption



Conclusion :

PERT is indicated to correct EPI (Exocrine Pancreatic Insufficiency) and malnutrition in CP (Chronic Pancreatitis) and it is improved by higher doses, enteric coating, administration during food and acid suppression.

References:

1. Gut; 01-13: 2016
2. Aliment Pharmacol Ther; 36: 426–436: 2012
3. Gastroenterology Research and Practice; 1-7: 2010
4. Journal of Cystic Fibrosis; 10 :350–356: 2011
5. Aliment Pharmacol Ther; 32 (1): 1–25:2010
6. Digestive and Liver Disease; 47: 1013–1020: 2015

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Clinical Evidence :

Sr. No	Study	Design	Subject	Outcomes
1	Alimentary Pharmacology and Therapeutics; 36: 426 436: 2012. ²	Randomized clinical trial	Patients with pancreatic exocrine insufficiency due to chronic pancreatitis were included in study.	The results provide evidence for the efficacy of Pancreatin in patients with pancreatic exocrine insufficiency due to chronic pancreatitis.
2	Gastroenterology Research and Practice; 1-7: 2010. ³	Randomized clinical trial	To evaluate efficacy and safety of a new formulation of PERT in patients with CF (Cystic Fibrosis) and PI (Pancreatic Insufficiency).	This PERT is a safe and effective treatment for malabsorption associated with exocrine PI in patients with CF.
3	Journal of Cystic Fibrosis; 10: 350-356: 2011. ⁴	Randomized clinical trial	Pancreatic enzyme replacement therapy (PERT) is critical for correction of exocrine pancreatic insufficiency (EPI) in patients with cystic fibrosis (CF).	This study demonstrated PERT was effective in treating EPI due to CF and was safe and well tolerated.

Why Pancrehenz?

- PERT improves fat and protein absorption significantly in CP (Chronic Pancreatitis), demonstrated by marked, consistent increases in CFA (coefficient of fat absorption) and CAN (coefficient of nitrogen absorption) compared with baseline or placebo.¹
- PERT also shows significant reductions in FFE (faecal fat excretion), FNE (faecal nitrogen excretion), faecal weight and improvements in GI symptoms across various RCTs, unchanged by subgroup, sensitivity and meta-regression analysis.¹
- In a large multicenter study in over 15 000 patients, side effects were reported in <1% of patients taking pancreatic enzymes.⁵
- PERT in non-surgical candidates and postoperative patients with pancreatic cancer shows an improvement of both subjective symptoms, like dyspepsia, as well as objective findings, including body weight and faecal fat excretion.⁶



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Pancreatin Capsules

Indication :

In the treatment of exocrine pancreatic insufficiency (PEI) attributed to cystic fibrosis, chronic pancreatitis, or any other medically defined pancreatic disease that might require pancreatic enzyme therapy.

Description :

Each Pancrehenz 10000 Capsules contains:

- Pancreatin 150 mg(Pancreatin Activity with Declared Enzymatic Activity of Lipase 10000 USP Units Protease 37500 USP Units Amylase 33200 USP units)

Each Pancrehenz 25000 Capsules Contains:

- Pancreatin 300 mg(Pancreatin Pellets with Declared Enzymatic Activity of Lipase 25000 USP units, Amylase 74700 USP units, Protease 62500 USP units)

Mechanism Of Action :

When the pellets reach the small intestine, the coating rapidly disintegrates to release pancreatic enzymes. These enzymes catalyze the hydrolysis of fats to monoglyceride, glycerol and free fatty acids, proteins into peptides and amino acids, and starches into dextrin and short chain sugars such as maltose and maltriose in the duodenum and proximal small intestine, thereby acting like digestive enzymes physiologically secreted by the pancreas.

Dosage :




- Dosage should be adjusted according to the severity of the disease, control of steatorrhea and maintenance of good nutritional status.
- The required dose for a meal ranges from about 25,000 to 80,000 units of lipase and half of the required dose for snacks.
- It is recommended to take the enzymes during or immediately after the meals.

Storage and Stability :

Store in cool and dry place. Keep away from direct sunlight and moisture.

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