PANCLON™

Pantoprazole (Enteric coated) 40 mg and Domperidone 30 mg (Sustained release) Capsules

Pantoprazole with Domperidone is used to reduce the amount of acid produced by the stomach, to treat or prevent conditions such as heartburn, Gastritis, ulcers and GERD. For best results, it should be taken just before a meal. It can help with the greater amount of stomach acid that is always produced. The capsules are generally offered in the composition of Pantoprazole 40mg & Domperidone 30 mg sustained release.
COMPOSITION

Each hard gelatin capsule contains:
Pantoprazole sodium IP equivalent to Pantoprazole 40 mg (as enteric coated pellets)
Domperidone IP 30 mg (as sustained release pellets)

ADVANTAGES OF PANTOPRAZOLE AND DOMPERIDONE

¬ No bio availability interference from any food or antacid.
¬ Rapid action & acid pain relief.
¬ Better oral bio availability.

MECHANISM OF ACTION

PANCLON is a combination of pantoprazole and domperidone. Pantoprazole inhibits the H + /K + - ATPase enzyme, which is responsible for gastric acid secretion in the parietal cells of the stomach and irreversibly blocks the final step of acid secretion. It increases motility of GI tract by inhibiting the action of dopamine and fastens gastric emptying.

PHARMACOKINETICS

Pantoprazole is unstable in acid and is administered orally in the form of an enteric-coated tablet. Absorption takes place in the small intestine. On average, the maximum serum/plasma concentrations are approximately 2 to 3 micrograms/ml about 2 ½ hrs after administration of 40 mg pantoprazole daily.

Domperidone: In man, peak plasma level of domperidone occurs within 30 minutes after oral (fasted) administration. Peak plasma concentrations are 20 ng/ml after a single 10mg tablet, and 70 to 100 ng/ml after oral doses of 60 mg. After oral administration of 40 g 4-domperidone to healthy volunteers, 31st, of the radioactivity is excreted in the urine and 66 % in the faeces over a period of 4 days.

INDICATION

Antacids, Antireflux Agents & Antiulcerants / GIT Regulators, Antiflatulents & Anti-Inflammatories.

DOSAGE

Once or Twice capsule once daily or as directed by the physician.

COMMON SIDE EFFECTS

Nausea, drowsiness, flatulence and dry mouth.

WARNINGS / PRECAUTIONS

Lactation, Pantoprazole: Not recommended in children <12yrs. Longterm therapy may lead to bacterial overgrowth in GIT.
Domperidone: Increases serum prolactin levels resulting to galactorrhoea in females and gynaecomastia in males.

CONTRA-INDICATIONS

Pantoprazole is contraindicated in hepatic impairment; hypersensitivity. Domperidone is contraindicated in the history of hypersensitivity to dimenhydrinate or related compounds.

PRESENTATION & PACKING

10 capsules in Aluminium strip Packing.