

# DYSOZOL

(Omeprazole U.S.P) Capsules

**COMPOSITION:** Each capsule contains:

Omeprazole as enteric coated pellets USP..... 20mg

**DESCRIPTION:** Omeprazole inhibits the gastric acid secretion by irreversibly blocking the enzyme system  $H^+ / K^+ ATPase$ .

**PHARMACOKINETICS: Absorption & fate:** Omeprazole is available in enteric-coated granules and is absorbed only after the granules leave the stomach. It is rapidly absorbed with peak plasma levels achieved in 0.5 to 3.5 hours. **Half-life:** Although the elimination half-life of Omeprazole is short, its duration of action with regard to inhibition of acid secretion is much longer allowing it to be used in single daily dose and it is said that its distribution to the tissues, particularly to the gastric parietal cells, accounts for this action.

**Metabolism and Excretion:** Following absorption, Omeprazole is completely metabolized in the liver and rapidly eliminated, mostly in the urine.

**USUAL DOSAGE AND INDICATIONS: Reflux esophagitis,** Dysozol (Omeprazole 20 mg) 1 to 2 capsule once daily for 4 weeks which can be extended for a period of 8 weeks if not fully healed. In refractory cases, Dysozol (Omeprazole 20 mg) 2 capsules once daily may be given. For long term management of **Acid-reflux disease,** Dysozol (Omeprazole 20 mg) 2 capsules once daily is suggested, increasing to Dysozol (Omeprazole 20mg) 2 capsules once daily usually for 4 weeks in patients with duodenal ulcers and for 8 weeks in patients with gastric ulcers is recommended. **Duodenal ulcers with H. Pylori,** Dysozol (Omeprazole 20mg) 1 to 2 capsules daily may be given with Amoxycillin 1.5 to 3 grams daily (in divided doses) for 2 weeks. **Zollinger-Ellison syndrome,** Dysozol (Omeprazole 20 mg) 1 capsule may be given in the evening a day before surgery. Omeprazole is not recommended in children.

**CONTRAINDICATIONS:** Hypersensitivity to the contents of the medicine.

**WARNINGS:** Before starting treatment with Omeprazole, the possibility of gastric malignancy should be excluded because its symptoms may be masked by its use. Omeprazole inhibits the metabolism of drugs metabolized by hepatic cytochrome P450 enzyme system and may increase plasma concentrations of diazepam, phenytoin and warfarin etc.

**POSSIBLE ADVERSE EFFECTS:** These include nausea, diarrhea, constipation, skin rash and headache.

**PRECAUTIONS:** Store in a cool, dry and dark place between 15-30°C. Keep all medicines out of the children's reach.

**PRESENTATIONS:** Dysozol 20 mg capsules are available in a blister of 7's, each packing containing 70 capsules.



Manufactured by:

**Dyson Research Laboratories (Pvt) LTD.**

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