

REVOM TABLET /DROPS

Generic name:	Domperidone Maleate
Category:	Anti-Emetic
Composition:	Each tablet contains Domperidone Maleate 10 mg Each ml contains Domperidone 1 mg
Presentation:	30 Tablets X 5 Blisters

MOLECULAR INTRODUCTION

It is a dopamine antagonist that is used as an antiemetic for the short-term treatment of nausea and vomiting in various etiologies. Domperidone is a peripheral dopamine antagonist structurally related to the butyrophenones with antiemetic and gastroprokinetic properties.

MECHANISM OF ACTION

Domperidone facilitates gastric emptying and decreases small bowel transit time by increasing esophageal and gastric peristalsis and by lowering esophageal sphincter pressure. The antiemetic properties of dopamine are related to its dopamine receptor blocking activity at both the chemoreceptor trigger zone and at gastric level.

INDICATIONS

- Delayed gastric emptying of functional origin with GERD and/or dyspepsia.
- Control of nausea and vomiting of central or local origin
- As an anti-emetic in patients receiving cytostatic and radiation therapy.

PHARMAKOKINETICS

Absorption:	Rapid
Distribution:	Low concentration of Domperidone are found in breast milk. Does not readily cross the blood-brain barrier.
Protein binding:	Very high (91% to 93%)
Biotransformation:	Domperidone undergoes first-pass and gut-wall metabolism. Through hydroxylation and oxidative N-dealkylation, Domperidone is metabolized to hydroxydomperidone and 2,3-dihydro-2-oxo-1-H-benzimidazol-1-Propionic acid, respectively.
Half-Life Elimination:	7 hrs after single oral and intramuscular administration

DOSAGE AND ADMINISTRATION

Acute conditions (mainly nausea, vomiting, hiccup)

Adults:	20mg 3 to 4 times a day, 15 to 30 minutes before meals.
Children (5-12 years):	1 tablet 3 to 4 times a day, 15-30 minutes before meals.

Chronic conditions (mainly dyspepsia)

Adults: 1 Tablet (10mg) 3 times a day, 15-30 minutes before meals.
Dosage maybe doubles.

Children (5-12): ½ tablet (5mg) 3-4 times a day, 15-30 minutes before meals.

SIDE EFFECTS

Asthenia, change in urinary frequency, CNS effects(dry mouth, headaches, nervousness, dizziness, thirst, irritability), conjunctivitis, dysuria, edema, endocrinological effects (hot flushes, menstrual irregularities, mastalgia, galactorrhea), extrapyramidal effects(difficult in speaking and loss of balance or muscle control), gastrointestinal effects, leg cramps, lethargy, palpitations, pruritus, stomatitis and urticaria.

For further information, please contact:

Market Planning Department



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