Domperon

Domperidone BP

Description

Domperidone is a dopamine receptor (D2) antagonist which selectively inhibits dopamine at the D2 receptor. It acts principally at receptors in the chemoreceptor trigger zone (CTZ) and also at receptors in the stomach.

Composition

Domperon 10 mg Tablet: Each film coated tablet contains Domperidone Maleate BP equivalent to Domperidone 10 mg.

Indication

Stimulation of gut mobility in Dyspeptic symptom complex: Delayed gastric emptying, non-ulcer dyspepsia, gestro-esophageal reflux, reflux esophagitis & gastritis, diabetic gastroparesis.

Prevention and symptomatic relief from acute nausea & vomiting in adults (from any cause but especially due to cytotoxic therapy & radiotherapy).

Nausea & vomiting associated with migraine pain and L-dopa & bromocriptine treatment for parkinsonian patients.

Dosage & Administration

Domperidone should be taken 15-30 minutes before a meal.

The recommended oral dose for:

Adults: 10-20 mg every 4-8 hours daily.

[Children (2-12 years): 0.2-0.4 mg/kg body weight every 4-8 hours daily]

Note: For acute nausea & vomiting maximum period of treatment is 12 weeks.

Side Effect

Domperidone may produce hyperprolactinemia. This may result in galactorrhea & breast enlargement, soreness and reduced libido. It may rarely cause dry mouth, thirst, headache, nervousness, drowsiness, and diarrhea, skin rash and itching during treatment with Domperidone.

Contraindication

Domperidone is contraindicated to patients with hypersensitivity to this drug, prolactinoma and in pregnancy. It should be used cautiously in children unless indicated for the management of nausea and vomiting following cancer chemotherapy and radiotherapy.

Drug Interaction

Domperodone may reduce the hypoprolactinemic effect of bromocriptine. The effect of anti-muscarinics & opioid analgesics may antagonize the action of Domperidone on GI function. Care should be taken when Domperidone is administrated in combination with MAO (Monoamine Oxidase) inhibitors.

Precaution

In case of children, treatment with Domperidone should be continued with caution because there may be increased risk of extra-pyramidal reactions in young children because of an incompletely developed blood-brain barrier. Since Domperidone is highly metabolized in liver, it should be used with caution in patients with hepatic impairment.

Use in Pregnancy & Lactation

Use in pregnancy: The safety of this drug has not been established for pregnant women. So it is not recommended during pregnancy.

For lactating mother: Domperidone may precipitate galactorrhea and improve post-natal lactation, which is secreted in breast milk but in very small quantities insufficient to be considered for infants.

Storage

Store in a cool and dry place below 30° C Temperature, Protect from light and moisture. Keep out of reach of children.

How Supplied

Each box contains 100's (10 x 10) film coated tablets in Alu-PVC blister pack.

Manufactured by:

Astra Biopharmaceuticals Ltd.
Gouripur, Ashulia, Dhaka, Bangladesh