

Domperidone

Composition

Don-A[®] Tablet: Each film coated tablet contains Domperidone Maleate BP equivalent to Domperidone 10 mg.

Don-A[®] Suspension: Each 5 ml suspension contains Domperidone BP 5 mg.

Don-A[®] Paediatric Drops: Each ml contains Domperidone BP 5 mg.

Pharmacology

Don-A[®] (Domperidone) is a dopamine receptor (D₂) antagonist. **Don-A[®]** (Domperidone) is a selective peripheral dopamine antagonist at the D₂ Dopamine receptor in the Chemo-receptor Trigger Zone (CTZ) and stomach. **Don-A[®]** (Domperidone) does not readily enter the central nervous system (the chemoreceptor trigger zone is considered to lie outside the blood brain barrier). **Don-A[®]** (Domperidone) increases spontaneous gastric activity and antagonizes dopamine inhibition of gastric emptying. **Don-A[®]** (Domperidone) has been shown to increase lower esophageal sphincter pressure and promotes esophageal and antral peristalsis and also increases pyloric dilatation. **Don-A[®]** (Domperidone) increases the frequency, amplitude, duration of duodenal contraction and reduces the small bowel transit time. **Don-A[®]** (Domperidone) has no acetylcholine like effect.

Indications

1. Prevention and symptomatic relief of acute nausea and vomiting in adults from any cause but specially –

- Cytotoxic –therapy
- Radio-therapy
- Nausea and vomiting associated with L-dopa and bromocriptine treatment for parkinsonian patients
- Nausea associated with migraine attacks.

2. Stimulation of gut mobility

- Non-ulcer dyspepsia
- Esophageal reflux
- Reflux esophagitis
- Gastritis
- Speeding barium transit in "follow-through" radiological studies
- Diabetic gastroparesis

3. Functional Dyspepsia.

Dosage and Administration

Route of administration :

Don-A[®] (Domperidone) should be taken 15-30 minutes before a meal. The usual recommended oral dose is as follow :

Tablet/ Suspension/ Paediatric Drops :

Adult : 10-20 mg (1-2 **Don-A[®]** tablet or 10-20 ml **Don-A[®]** Suspension) every 4-8 hours.

Elderly : Same as for adults.

Children : 0.2-0.4 mg/kg body weight (2-4 ml Paediatric suspension or 0.4-0.8 ml Paediatric drops/10 kg body weight) every 4-8 hours.

OR AS DIRECTED BY THE PHYSICIAN.

Contraindications

Domperidone is contraindicated to patients having known hypersensitivity to this drug and in case of neonates. Domperidone should not be used when gastrointestinal stimulation might be dangerous i.e. gastrointestinal haemorrhage, obstruction, perforation or immediately after surgery.

Warning & Precautions

Domperidone should be used with absolute caution in case of children because there may be an increased risk of extrapyramidal reactions in young children because of an incompletely developed blood brain barrier.

The safety of Domperidone has not been proven and it is, therefore, not recommended during pregnancy. Animal studies have not demonstrated teratogenic effect on the fetus. Domperidone may precipitate galactorrhea and improve postnatal lactation. It is secreted in breast milk but in very small quantities insufficient to be considered harmful.

Side Effects

Extrapyramidal reactions are seen in 0.05% of patients in clinical studies. Domperidone may produce hyperprolactinemia (1.3%). This may result in galactorrhea, breast enlargement, soreness and reduced libido. Dry mouth (1.9%), thirst, headache (1.2%), Nervousness, drowsiness (0.4%), diarrhea (0.2%), skin rash and itch (0.1%) may all follow treatment with domperidone.

Drug Interactions

Domperidone may reduce the risk of hypoprolactinemic effect of bromocriptine. The action of Domperidone on GI function may be antagonized by antimuscarinics and opioid analgesics.

Over dosage

There are no reported cases of over dosage.

Storage

Store below 30°C temperature & dry place, protected from light. Keep all medicines out of reach of children.

Packing

Don-A[®] Tablet: Each box contains 10×14 tablets in blister strip.

Don-A[®] Suspension: Each PET bottle containing 60 ml suspension.

Don-A[®] Paediatric Drops: Bottle containing 15 ml drops with a dropper.

* Further information is available on request.



Manufactured by:

The ACME Laboratories Ltd.
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For Health, Vigour and Happiness

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