Doridon

Domperidone

COMPOSITION

Doridon 10 mg Tablet: Each film-coated tablet contains Domperidone BP 10 mg.
Doridon Pediatric Drops: Each ml contains Domperidone BP 5 mg.

DESCRIPTION

Domperidone (**Doridon**) is a dopamine antagonist. Because it does not readily enter the central nervous system, its effects are confined to the periphery and acts principally at the receptor in the chemoreceptor trigger zone.

MODE OF ACTION

Domperidone specifically antagonize the peripheral D_2 dopamine receptor.

PHARMACOKINETICS

Domperidone is rapidly and almost completely (93%) absorbed after oral administration. Peak plasma concentrations occur within 30 minutes after oral administration. The peak plasma concentration after 20 mg oral dose is in the range of 15 to 19 mg. /ml. The mean elimination half-life ranges from 12 to 16 hrs for an oral dose. Domperidone is strongly bound to plasma proteins (91-93%). Domperidone undergoes extensive biotransformation with <10% excreted unchanged in urine.

INDICATIONS

Stimulation of gut mobility: Non-ulcer dyspepsia, esophageal reflux, reflux esophagitis and gastritis, diabetic gastric stasis, speeding barium transit in follow through radiological studies. Prevention and symptomatic relief of acute nausea and vomiting from any cause but specifically cytotoxic therapy, radio therapy and anti-parkinsonism therapy, functional dyspepsia.

DOSAGE & ADMINISTRATION

Adults: 10 to 20 mg every 4-8 hours daily. Children: 0.2- 0.4 mg/kg body weight every 4-8 hours daily. Domperidone should be taken 15-30 minutes before a meal. For acute nausea and vomiting, maximum period of treatment is 12 weeks.

SIDE EFFECTS

Domperidone may produce hyperprolactinemia. This may result in galactorrhoea, breast enlargement and soreness and reduced libido. Dry mouth, thirst headache, nervousness, drowsiness, diarrhoea, skin rash and itching, may occur during treatment with domperidone. Extrapyramidal reactions are seen in 0.05% of patients in clinical studies.

CONTRAINDICATIONS

Domperidone is contraindicated to patients who have known hypersensitivity to this drug and in case of neonates.

USE IN PREGNANCY & LACTATION

The safety of domperidone has not been proven and it is therefore not recommended during pregnancy. Animal studies have not demonstrated teratogenic effects on the foetus.

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.

DRUG INTERACTIONS

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

PHARMACEUTICAL PRECAUTIONS

Store in a cool and dry place, protected from light & moisture.

HOW SUPPLIED

Doridon 10 mg Tablet: Each carton contains 10x10 tablets in blister pack.
Doridon Pediatric Drops: Each carton contains a bottle having 15 ml pediatric drops.

Manufactured by:

MEDICON Pharmaceuticals Ltd.
Mirpur, Dhaka, Bangladesh