

Domedrag Drop

Domperidone (10 mg/ml) Drop

Description

Domperidone is a medication primarily used to alleviate nausea and vomiting, and to promote gastric motility. It works by blocking dopamine receptors in the stomach and intestines, which helps to increase the movement of the digestive tract and prevent feelings of nausea. Domperidone also enhances the emptying of the stomach, providing relief from symptoms associated with delayed gastric emptying and other gastrointestinal conditions. This drop formulation is especially useful for children, elderly patients, or individuals who may have difficulty swallowing tablets.

Composition

Each ml of the drop contains:

- Domperidone: 10 mg

Excipients: Q.S.

Pharmacological Action

- **Domperidone:** As a dopamine antagonist, Domperidone blocks dopamine receptors in the gastrointestinal tract, increasing motility and reducing nausea. It works by enhancing gastric emptying, reducing bloating, and facilitating smoother digestion. Unlike other antiemetic drugs, it does not cross the blood-brain barrier significantly, reducing the likelihood of central nervous system side effects such as sedation or extrapyramidal symptoms.

Indications

Domperidone drop is indicated for the treatment of:

- **Nausea and vomiting:** Associated with gastrointestinal disorders, medications, or chemotherapy.
- **Gastroesophageal reflux disease (GERD):** As an adjunct to help manage symptoms of acid reflux.
- **Functional dyspepsia:** To relieve discomfort caused by slow digestion, bloating, and fullness after meals.
- **Delayed gastric emptying:** In conditions such as gastroparesis, where the stomach empties slowly.
- **Postoperative nausea and vomiting:** As part of post-surgical care for patients undergoing certain types of surgeries.

Dosage and Administration

- **Adults:**
 - The typical dose is 10-20 drops (10 mg) taken 3 times daily, 15-30 minutes before meals.
 - In some cases, the dose may be adjusted based on individual response, up to a maximum of 80 mg (80 drops) per day.
- **Children (6-12 years):**
 - 10 drops (10 mg) 3 times a day.
- **Children (under 6 years):** Dosage must be determined by a physician based on weight and clinical condition. It is generally not recommended for children under 1 year without close medical supervision.
- **Administration:** The drops can be taken directly or diluted in a small amount of water. Shake the bottle well before use to ensure the correct dose.
- **Missed Dose:** If a dose is missed, take it as soon as you remember, unless it is almost time for the next dose. Do not double the dose to make up for a missed one.

Contraindications

- **Hypersensitivity to Domperidone or any of the ingredients in the formulation.**
- **Severe hepatic impairment:** In cases of liver disease such as cirrhosis.
- **Prolonged QT interval:** This medication should not be used in patients with a history of heart conditions, particularly prolonged QT interval or other arrhythmias.
- **Gastrointestinal bleeding:** Conditions like peptic ulcers or active gastrointestinal bleeding.
- **Pheochromocytoma:** A rare tumor that affects the adrenal glands.
- **Pregnancy:** Generally not recommended unless the benefits outweigh the risks.
- **Breastfeeding:** Caution is advised as Domperidone is excreted in breast milk, and it may affect the infant.

- **Elevated liver enzymes** (indicating potential liver issues)
- **Serious but Rare:**
 - **Cardiovascular effects:** Prolonged QT interval, tachycardia, arrhythmias, or heart failure. Symptoms include palpitations, chest pain, or shortness of breath.
 - **Extrapyramidal symptoms:** Involuntary movements, tremors, or muscle rigidity (usually associated with high doses or prolonged use).
 - **Severe allergic reactions:** Swelling of the face, lips, or throat; difficulty breathing.

Precautions

- **Cardiac Conditions:** Domperidone should be used cautiously in patients with any underlying heart conditions, particularly those involving the QT interval, as it can prolong the QT interval and increase the risk of arrhythmias.
- **Liver Function:** Patients with mild to moderate liver impairment may require dosage adjustments. Regular monitoring of liver function is recommended.
- **Renal Impairment:** Domperidone should be used with caution in patients with renal impairment.
- **Electrolyte Imbalance:** Monitoring of electrolytes may be necessary if patients are receiving medications that affect electrolyte levels, as this could increase the risk of arrhythmias.

Adverse Effects

- **Common:**
 - **Dry mouth**
 - **Headache**
 - **Abdominal discomfort or cramping**
 - **Dizziness or lightheadedness**
 - **Diarrhea or constipation**
- **Less Common:**
 - **Fatigue**
 - **Rash or allergic reactions**

Storage Instructions

- **Store at room temperature (15-30°C), away from light and moisture.**
- **Keep the bottle tightly closed when not in use.**
- **Keep out of the reach of children.**
- **Do not use after the expiration date printed on the packaging.**

Presentation

- **Available in bottles containing 10 ml or 30 ml of Domperidone 10 mg/ml drop formulation.**

Note: Domperidone should be used under the supervision of a healthcare provider, especially for long-term use or in patients with pre-existing heart conditions. Regular follow-ups may be necessary to monitor for potential side effects, especially with prolonged use.

Manufactured in India for.

CafoliTM
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