

# Panpital DUO Capsule

**Pantoprazole (E.C.) I.P. 40mg + Domperidone (I.R.) I.P. 10mg + Domperidone (S.R.) I.P. 20mg Capsules**

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## Description

This combination capsule is designed for the treatment of gastroesophageal reflux disease (GERD), peptic ulcers, and other gastrointestinal disorders associated with gastric acid hypersecretion and motility disturbances. It combines Pantoprazole, a proton pump inhibitor (PPI), with Domperidone, a prokinetic agent, in both immediate-release (I.R.) and sustained-release (S.R.) forms to provide comprehensive relief from symptoms of acid reflux, indigestion, and delayed gastric emptying.

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## Composition

Each capsule contains:

- **Pantoprazole (E.C.) I.P. – 40mg**
    - (Enteric-coated to protect it from gastric acid and ensure effective release in the intestine)
  - **Domperidone (I.R.) I.P. – 10mg**
    - (Immediate-release form for rapid onset of action)
  - **Domperidone (S.R.) I.P. – 20mg**
    - (Sustained-release form for prolonged action to support gastric motility)
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## Pharmacological Action

- **Pantoprazole is a proton pump inhibitor (PPI) that works by inhibiting the proton pump (H<sup>+</sup>/K<sup>+</sup> ATPase) in the stomach lining. This action significantly reduces gastric acid secretion, providing relief**

**from acid-related conditions such as GERD, gastric ulcers, and duodenal ulcers.**

- **Domperidone (I.R. & S.R.) is a dopamine antagonist that acts as a prokinetic agent, increasing gastric motility and facilitating quicker emptying of the stomach. The immediate-release (I.R.) form provides quick relief from nausea, vomiting, and bloating, while the sustained-release (S.R.) form ensures prolonged action to prevent the recurrence of symptoms.**
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## Indications

This combination capsule is indicated for the management of:

- **Gastroesophageal reflux disease (GERD):** For relief from heartburn, acid reflux, and regurgitation.
  - **Peptic ulcers:** For the treatment and prevention of duodenal and gastric ulcers.
  - **Dyspepsia and indigestion:** For relief from indigestion symptoms like bloating, nausea, and discomfort.
  - **Gastroparesis:** To improve gastric emptying and motility in patients with delayed gastric emptying or nausea.
  - **Prevention of nausea and vomiting:** Associated with acid-related conditions or gastric disturbances.
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## Dosage and Administration

- **Adults:**  
Take 1 capsule daily before a meal, preferably in the morning. The capsule should be swallowed whole with a glass of water and should not be chewed or crushed.  
The dosage may vary depending on the

specific condition being treated, as well as the severity of the symptoms.

- For GERD or gastric ulcers, the usual dose is 1 capsule (Pantoprazole 40mg, Domperidone 30mg) once daily.
  - For peptic ulcers or dyspepsia, 1 capsule daily is sufficient.
  - **Children:** This medication is generally not recommended for children under 18 years unless prescribed by a healthcare provider.
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### Contraindications

- **Hypersensitivity to Pantoprazole, Domperidone, or any other ingredients in this medication.**
  - **Severe Hepatic Impairment:** Due to the liver metabolism of Pantoprazole and Domperidone, patients with severe liver disease should avoid using this medication.
  - **Prolonged QT Interval:** Domperidone should not be used in patients with a prolonged QT interval or those at risk of arrhythmias.
  - **Gastrointestinal Bleeding:** Patients with active gastrointestinal bleeding, perforation, or obstruction should not use this combination capsule.
  - **Pregnancy and Lactation:**
    - **Pregnancy:** Consult a doctor before use. Pantoprazole and Domperidone should only be used during pregnancy if absolutely necessary.
    - **Breastfeeding:** Consult a healthcare provider as both drugs pass into breast milk.
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### Warnings and Precautions

- **Cardiac Issues:** Domperidone can cause QT interval prolongation, which may lead to serious cardiac arrhythmias. This medication should be used with caution in

patients with heart conditions or those taking medications that prolong the QT interval.

- **Renal Impairment:** Use with caution in patients with severe renal impairment as Domperidone can accumulate in the body.
  - **Liver Disease:** Use with caution in patients with mild to moderate liver impairment as Pantoprazole and Domperidone are metabolized by the liver. Regular monitoring may be necessary.
  - **Long-Term Use:** Prolonged use of Pantoprazole may lead to vitamin B12 deficiency, bone fractures, and other complications. Monitoring of bone health and B12 levels is recommended for long-term use.
  - **CNS Effects:** Domperidone may cause drowsiness, dizziness, or confusion in some individuals. Use caution when driving or operating machinery.
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### Side Effects

- **Common Side Effects:**
  - Headache, dizziness, or drowsiness (due to Domperidone)
  - Abdominal pain, nausea, or diarrhea
  - Dry mouth
  - Constipation or flatulence
- **Serious Side Effects:**
  - QT interval prolongation or other arrhythmias (due to Domperidone)
  - Severe allergic reactions, such as rash, swelling, or difficulty breathing
  - Liver dysfunction (jaundice, elevated liver enzymes)
  - Seizures or tremors
  - Muscle cramps or spasms

If any of these serious side effects occur, discontinue use and consult a healthcare provider immediately.

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## Drug Interactions

- **Antacids:** Co-administration of antacids may reduce the absorption of Pantoprazole. Take the antacid and Pantoprazole at least 1 hour apart.
  - **Antibiotics (e.g., Rifampin, Clarithromycin):** Can interact with Pantoprazole and Domperidone, affecting their metabolism.
  - **CNS Depressants (e.g., Sedatives, Alcohol):** May enhance the sedative effects of Domperidone.
  - **QT-Prolonging Drugs:** Avoid using other medications that prolong the QT interval (e.g., certain antiarrhythmics, antidepressants) alongside Domperidone.
  - **CYP2C19 Inhibitors:** Drugs that inhibit the CYP2C19 enzyme (e.g., fluvoxamine) may increase the plasma concentration of Pantoprazole.
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## Storage Instructions

- Store in a cool, dry place, at room temperature (15°C to 25°C).
  - Keep out of reach of children.
  - Do not use after the expiration date mentioned on the package.
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## Presentation

- **Form:** Capsules
  - **Pack Size:** Available in packs of 10, 15, or 30 capsules.
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## Conclusion

**Pantoprazole 40mg + Domperidone 10mg (I.R.) + Domperidone 20mg (S.R.) Capsules provide a dual benefit: reducing stomach acid production while enhancing gastric motility. This combination is ideal for patients suffering from gastroesophageal reflux disease (GERD), peptic ulcers, indigestion, and delayed gastric**

**emptying. Ensure adherence to dosage and consult with a healthcare provider for optimal management of symptoms.**

Manufactured in India for:



Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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