

Acineu-OD

(Rabeprazole Sodium 20 mg & Domperidone 30 mg Sustained Release Capsules)

Each capsule contains:

Rabeprazole Sodium IP.....20 mg (As enteric-coated pellets)

Domperidone IP.....30 mg (As sustained release pellets)

Excipients.....q.s.

Clinical Pharmacology:

Rabeprazole: Rabeprazole is a proton pump inhibitor (PPI) that suppresses gastric acid secretion by inhibiting the H⁺, K⁺ ATPase enzyme in the parietal cells of the stomach. This enzyme is critical for the final step of gastric acid production, making rabeprazole effective in reducing acid-related symptoms and conditions.

Domperidone: Domperidone is a dopamine D₂-receptor antagonist that enhances gastrointestinal motility and serves as an antiemetic by blocking dopamine receptors in the chemoreceptor trigger zone, thus facilitating gastric emptying and reducing nausea and vomiting.

Indications:

- Gastroesophageal Reflux Disease (GERD)
- Erosive esophagitis
- Nausea and vomiting associated with delayed gastric emptying
- Gastric motility disorders

Contraindications:

- Not recommended in patients with a known hypersensitivity to rabeprazole or any other proton pump inhibitors.
- Avoid use with rilpivirine-containing products.
- Contraindicated in patients with moderate or severe hepatic impairment and those with prolactinoma.

Precautions and Warnings:

- **Bone Fracture Risk:** Long-term use of rabeprazole may increase the risk of osteoporosis related fractures, particularly in the elderly.
- **Cardiovascular Risks:** Domperidone may be associated with an increased risk of serious ventricular arrhythmias or sudden cardiac death.

- Use with Warfarin: Monitor INR and prothrombin time closely when co-administered with warfarin.

Drug Interactions:

May reduce the efficacy of antiretroviral drugs such as rilpivirine and nelfinavir and increase the toxicity of others like saquinavir. Avoid co-administration with potent CYP3A4 inhibitors such as ketoconazole and erythromycin, as this may increase the risk of cardiac side effects.

Adverse Effects:

Some common adverse effects in Adults includes:

- Headache
- Diarrhoea
- abdominal pain

Overdosage:

Overdosage symptoms include agitation, convulsions, and altered consciousness. Symptomatic and supportive treatment is recommended.

Administration: Oral route. Capsules should be swallowed whole, without crushing or chewing.

Storage: Store below 25°C in a dry place, protected from light.

Presentation: Available as 1 x 10 capsules per strip.



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