

Dicyclomine (10mg) + Ranitidine (150mg) + Simethicone (20mg)

Ranilair Spas Tablet

**Dicyclomine (10 mg) + Ranitidine (150 mg) +
Simethicone (20 mg) Tablet**

Description:

Dicyclomine (10 mg) + Ranitidine (150 mg) + Simethicone (20 mg) tablet is a combination medication designed to provide relief from gastrointestinal discomfort, including abdominal cramps, bloating, and acid-related conditions such as gastritis and acid reflux.

- **Dicyclomine:** An antispasmodic that helps to relieve abdominal cramps and spasms by relaxing the smooth muscles in the gastrointestinal tract.
- **Ranitidine:** A histamine H₂-receptor antagonist (H₂ blocker) that reduces stomach acid production, providing relief from acid reflux, heartburn, and conditions like gastroesophageal reflux disease (GERD).

This combination is commonly used to treat irritable bowel syndrome (IBS), acid reflux, gastrointestinal discomfort, heartburn, and gas-related issues.

Composition:

- **Dicyclomine:** 10 mg
 - **Ranitidine:** 150 mg
 - **Simethicone:** 20 mg
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Indications:

This combination tablet is indicated for:

1. Gastrointestinal Spasms and Cramps:

- To relieve abdominal cramps and spasms, particularly in conditions like irritable bowel syndrome (IBS) and functional dyspepsia.

2. Bloating and Gas:

- To alleviate bloating, discomfort, and excessive gas in the gastrointestinal tract by dispersing trapped gas bubbles, as seen in gaseous dyspepsia.

3. Gastritis:

- For the relief of pain, discomfort, and bloating associated with gastritis and acid-related gastrointestinal disorders.
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Mechanism of Action:

- **Dicyclomine (10 mg):**
Dicyclomine works by blocking the action of acetylcholine on the smooth muscles in the gastrointestinal tract. This reduces muscle spasms and helps relax the digestive muscles, alleviating pain and discomfort caused by cramps and spasms.
 - **Ranitidine (150 mg):**
Ranitidine blocks the H₂ receptors in the stomach lining, reducing the secretion of gastric acid.
 - **Simethicone (20 mg):**
Simethicone works by reducing the surface tension of gas bubbles in the stomach and intestines, causing the bubbles to merge and be expelled more easily. This helps relieve symptoms of bloating and flatulence.
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Dosage and Administration:

- **Adults:**
 - The usual dose is 1 tablet of Dicyclomine (10 mg) + Ranitidine (150 mg) + Simethicone (20 mg), taken 1-2 times a day or as prescribed by a healthcare provider.
 - For abdominal cramps and bloating: 1 tablet 2-3 times a day, depending on the severity of symptoms.
 - **Children:**
 - Consult your healthcare provider for appropriate dosage and administration in pediatric patients.
- increase the risk of bleeding, and Dicyclomine may exacerbate some conditions.

 2. **Liver and Kidney Impairment:**
 - Use with caution in patients with liver or kidney disease.
 3. **Pregnancy and Breastfeeding:**
 - **Pregnancy:** This medication should be used during pregnancy only if clearly needed and prescribed by a healthcare provider.
 - **Breastfeeding:** Dicyclomine passes into breast milk and may cause drowsiness or other effects in the infant..

Note:

- Take the tablet with a full glass of water and preferably after meals to reduce the risk of stomach irritation.
- Do not exceed the recommended dose.

Side Effects:

- **Common:**
 - Dry mouth, dizziness, blurred vision (from Dicyclomine).
 - Headache, constipation, or diarrhea.
- **Serious but Rare:**
 - Cardiovascular issues: Rapid heartbeat or arrhythmias (due to Dicyclomine).
 - Gastrointestinal bleeding or ulcer formation (particularly from long-term use of Ranitidine).

Precautions:

1. **Gastrointestinal Disorders:**
 - Use with caution in patients with gastric ulcers, gastrointestinal bleeding, or other serious GI conditions, as Ranitidine may

Storage:

- Store at room temperature (15-30°C), away from light, heat, and moisture.
- Keep the bottle tightly closed and out of the reach of children.
- Dispose of unused medication according to local disposal guidelines.

Note:

Follow the prescribed dosage and never exceed the recommended dose. If any side effects occur or symptoms persist, contact your healthcare provider for further guidance.

Manufactured in India for:



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(An ISO 9001: 2015 Certified Co.)

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