

Brand Name: MEFO-D TABLET

Composition: mefenamic acid & dicyclomine hydrochloride

Dosage Form: Tablets

Category: Analgesic / Antispasmodic

Packaging Type: Blister Pack

Packaging: 20 x 10

Brief product Introduction:

MEFO-D is a synergistic combination tablet manufactured by **AstraEureka Pharmaceutical**, formulated to relieve abdominal pain, menstrual cramps, and spasmodic gastrointestinal discomfort. It combines **Mefenamic Acid**, a non-steroidal anti-inflammatory drug (NSAID), with **Dicyclomine Hydrochloride**, a potent antispasmodic agent. MEFO-D provides effective dual-action relief by reducing inflammation and relaxing smooth muscles, making it ideal for managing dysmenorrhea, colic, and irritable bowel symptoms.

Composition:

Each uncoated tablet contains:

Mefenamic Acid IP.....	250 mg
Dicyclomine Hydrochloride IP.....	10 mg
Excipients.....	Q.S.

Key Ingredients:

1. **Mefenamic Acid 250 mg** – An NSAID that reduces inflammation and pain
2. **Dicyclomine Hydrochloride 10 mg** – An anticholinergic agent that relieves smooth muscle spasms

Key Benefits:

1. Provides fast relief from abdominal cramps and pain
2. Reduces spasms in the gastrointestinal and genitourinary tract
3. Alleviates symptoms of menstrual pain (dysmenorrhea)
4. Effective in managing irritable bowel syndrome-related discomfort
5. Suitable for various spasmodic conditions involving visceral muscles

Indications:

1. Primary dysmenorrhea (menstrual cramps)
2. Abdominal colic
3. Gastrointestinal and biliary spasms
4. Renal colic
5. Irritable Bowel Syndrome (IBS)

6. Spasmodic dyspepsia

Directions for Use:

1. Take the tablet orally with water
2. Best taken after food to reduce the risk of gastric upset
3. Swallow whole without crushing or chewing

Dosage and Administration:

1. **Adults:** One tablet two to three times a day, or as directed by the physician
2. **Do not exceed the prescribed dosage**
3. Short-term use is recommended for pain relief during acute episodes

Safety Information:

1. Use with caution in patients with peptic ulcer, asthma, or renal impairment
2. Avoid alcohol and other NSAIDs while on this medication
3. Not recommended during pregnancy and lactation unless medically advised
4. May cause drowsiness or dizziness – avoid driving or machinery work
5. Consult a doctor if symptoms persist or worsen

Mechanism of Action:

- **Mefenamic Acid:** Inhibits cyclooxygenase (COX) enzymes, leading to decreased synthesis of prostaglandins, which are responsible for pain, fever, and inflammation.
- **Dicyclomine:** Acts as an anticholinergic agent, blocking acetylcholine at parasympathetic sites in smooth muscle. It reduces muscle contractions in the gastrointestinal tract, relieving spasms and associated pain.

Contraindications:

1. Hypersensitivity to Mefenamic Acid, Dicyclomine, or related compounds
2. Active peptic ulcer or gastrointestinal bleeding
3. Severe renal or hepatic impairment
4. Glaucoma, myasthenia gravis, or obstructive uropathy
5. Infants and children under 6 months of age

Side Effects:

1. Nausea, vomiting, and abdominal discomfort
2. Dry mouth, dizziness, or blurred vision
3. Drowsiness or nervousness

4. Constipation or urinary retention
5. Rare: allergic reactions such as rash or itching

Important Notice:

- Prescription-only medication
- Use only under medical supervision
- Not intended for long-term use without physician guidance
- Keep away from children

Storage Condition:

1. Store at a temperature below 25°C
2. Protect from light and moisture
3. Do not freeze or expose to excessive heat

Packing Information:

- Blister packing.
- 10 tablets per strip.
- 20 strips per box (20 x 10 packaging).

