

Brand Name: ONDAMIN 4

Composition: Ondansetron Hydrochloride IP injection

Dosage Form: INJECTION

Category: Antiemetic

Packaging Type: AMPULE

Packaging: 5 Ampoules of 4 ml each

Brief Product Introduction:

ONDAMIN 4 is a fast-acting injectable antiemetic manufactured by **AstraEureka Pharmaceutical**, formulated with **Ondansetron 2 mg/ml**, designed for the effective management of nausea and vomiting induced by chemotherapy, radiotherapy, and post-surgical procedures. Each 4 ml ampoule delivers a total of 8 mg Ondansetron, offering precise dosing and immediate relief. ONDAMIN 4 contains **Methyl Paraben** and **Propyl Paraben** as preservatives, ensuring product safety and extended stability. The formulation works by blocking serotonin receptors involved in the emetic response, providing quick and sustained control. It is suitable for both adult and pediatric use under medical supervision. The product is packed in **5 × 4 ml ampoules** for hospital or clinical use.

Composition:

Each ml contains

- Ondansetron Hydrochloride IP equivalent to Ondansetron.....2 mg
- Methyl Paraben IP.....0.1% w/v
- Propyl Paraben IP.....0.01% w/v
- Water for Injection IP.....q.s.

Key Benefits:

1. Rapid onset of action for acute nausea and vomiting
2. Effective in chemotherapy, radiotherapy, and postoperative settings
3. Suitable for IV and IM administration
4. Minimal sedation or CNS effects
5. Preservative-added formulation enhances safety

Indications:

1. Chemotherapy-Induced Nausea and Vomiting (CINV)
2. Postoperative Nausea and Vomiting (PONV)
3. Radiotherapy-Induced Nausea

4. Severe vomiting from other medical conditions

Directions for Use:

1. Administer by intravenous or intramuscular route only
2. Use under the supervision of a qualified healthcare professional
3. Do not mix with other medications unless proven compatible

Dosage and Administration:

1. **Adults:** Typically 4–8 mg IV/IM before chemotherapy or surgery
2. **Pediatrics:** Dose adjusted based on weight and condition
3. Frequency as advised by physician

Safety Information:

1. For hospital/clinic use only
2. Use cautiously in patients with liver impairment or cardiac conditions
3. Not recommended for self-administration
4. Monitor QT interval in at-risk patients

Mechanism of Action:

- Ondansetron is a selective serotonin (5-HT₃) receptor antagonist.
- It blocks the action of serotonin at receptor sites in the chemoreceptor trigger zone and vagal nerve terminals, preventing activation of the vomiting reflex.
- Its action is both central and peripheral.

Contraindications:

1. Hypersensitivity to Ondansetron or any of the excipients
2. Concurrent use with apomorphine
3. Caution in congenital long QT syndrome

Side Effects:

1. Headache, dizziness
2. Constipation or transient diarrhea
3. Rare: ECG changes including QT prolongation
4. Hypersensitivity reactions (rash, itching)

Important Notice:

- ONDAMIN 4 is a prescription-only product.

- Should be used under medical supervision.
- Not for use without physician's consultation. Long-term use should be monitored for cardiac effects.

Storage Conditions:

1. Store below 25°C in a dry place
2. Protect from light and freezing
3. Keep out of reach of children

Packing Information:

- **5 Ampoules of 4 ml** each with try and outer box.

