

# Ondotyle MD Tablet

## Ondansetron (4 mg) MD Tablet

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### Description:

Ondansetron 4 mg MD (mouth-dissolving) tablet is an antiemetic medication used to prevent and treat nausea and vomiting associated with chemotherapy, radiation therapy, surgery, and other conditions. It is a 5-HT<sub>3</sub> receptor antagonist, which works by blocking serotonin (a chemical in the body that can cause nausea and vomiting) at specific receptors in the brain and gastrointestinal tract.

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### Composition:

- Ondansetron: 4 mg
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### Indications:

This medication is primarily used to prevent and treat nausea and vomiting caused by:

1. Chemotherapy-Induced Nausea and Vomiting (CINV).
  2. Radiotherapy-Induced Nausea and Vomiting.
  3. Post-Operative Nausea and Vomiting (PONV).
  4. Nausea and Vomiting Due to Gastrointestinal Disorders (e.g., gastroenteritis).
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### Mechanism of Action:

Ondansetron works by selectively blocking the 5-HT<sub>3</sub> receptors in the brain and gut, preventing the release of serotonin, a neurotransmitter that triggers nausea and vomiting. This action helps to control symptoms of nausea and vomiting.

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### Dosage and Administration:

- Usual Adult Dose:
    - One 4 mg MD tablet taken 30 minutes before chemotherapy, radiotherapy, or surgery.
    - Repeat every 8 hours as needed, or as directed by your healthcare provider.
  - Route: Place the tablet directly on the tongue and allow it to dissolve completely without the need for water.
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### Side Effects:

- Common: Headache, constipation, dizziness, or mild fatigue.
  - Rare but Serious: Allergic reactions (rash, itching, swelling), irregular heartbeat, or signs of serotonin syndrome (such as agitation, hallucinations, or tremors).
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### Precautions:

1. Liver Impairment: Use with caution in patients with liver disease, as Ondansetron is metabolized in the liver.
2. Cardiac Precautions: Should be used cautiously in patients with a history of

**heart problems, especially those with QT prolongation or arrhythmias.**

- 3. Serotonin Syndrome: Risk of serotonin syndrome when used in combination with other serotonergic drugs (e.g., SSRIs, SNRIs).**
  - 4. Not recommended in newborns or infants unless prescribed by a doctor.**
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#### **Contraindications:**

- Hypersensitivity to Ondansetron or any of the excipients.**
  - Congenital long QT syndrome or severe cardiac conditions (e.g., heart failure or arrhythmias).**
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#### **Storage:**

- Store in a cool, dry place at room temperature, away from heat, moisture, and direct sunlight.**
  - Keep out of reach of children.**
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**Note: This medication should only be taken as prescribed. Do not exceed the recommended dosage, and consult a healthcare professional if symptoms persist or worsen.**

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