



Generic Name: Ondansetron

Brand Name: Zofran

Class: Antiemetic agent

Mechanism of Action:

Selectively blocks serotonin 5-HT₃ receptors located in the CNS at the chemoreceptor trigger zone and in the peripheral nervous system on nerve- terminals of the vagus nerve

Indications for use:

Nausea and vomiting

Contraindications:

Hypersensitivity Use with caution in patients with hepatic impairment

Adverse Reactions:

CNS:

Cardiovascular: Respiratory: GI & Hepatic:

Skin:

Headache, malaise, fatigue, dizziness, fever, sedation, extrapyramidal syndrome Chest pain, arrhythmias Hypoxia

Diarrhea, constipation, abdominal pain, xerostomia, decreased appetite Rash

Notes on Administration

Incompatibilities/Drug Interactions:

Inducers or inhibitors of P450 drug metabolizing enzymes may alter the clearance of Ondansetron. No dosage adjustment is recommended.

Adult Dosage:

4 – 8 mg IV slow push over 2 – 5 minutes 8 mg PO ODT or tablet

Pediatric Dosage:

(1 month to 12 years old) Greater than 40 kg- 4 mg IV slow push over 2 – 5 minutes

Less than 40 kg- 0.1 mg/kg IV slow push over 2 – 5 minutes

4-12 years old 4 mg PO ODT or ODT

Route of Administration:

IV, IM, PO

Onset of Action:

Unknown but probably 10 to 30 minutes

Peak effects:

Unknown

Duration of Action:

Half life is approximately 4 hours. Exact duration unknown but appears to be prolonged compared to half-life

Dosage Forms/Packaging:

4 mg/2 mL vial 4 or 8 mg ODT or tablet

Arizona Drug Box Standard Minimum

Supply:

Optional- 4 mg

Special Notes:

Instructions for Use/Handling ZOFTRAN ODT Orally Disintegrating Tablets: Do not attempt to push ZOFTRAN ODT Tablets through the foil backing. With dry hands, PEEL BACK the foil backing of 1 blister and GENTLY remove the tablet. IMMEDIATELY place the ZOFTRAN ODT Tablet on top of the tongue where it will dissolve in seconds, then swallow with saliva. Administration with liquid is not necessary. **Bottles: Store between 2° and 30°C (36° and 86°F). Protect from light. Dispense in tight, light-resistant container as defined in the USP. Unit Dose Packs: Store between 2° and 30°C (36° and 86°F). Protect from light. Store blisters in cartons.**