

Pharmacologic properties:

Ondansetron hydrochloride is an anti-emetic which acts as a selective inhibitor of the serotonin 5-HT₃ receptor type. The drug binds to both central nervous system and peripheral receptors in the gastrointestinal tract to exert its effects. It's onset of action is 30 minutes, and duration of action is 2-7 hours.

Indications:

- Nausea and/or vomiting
- The administration of Zofran requires a mandatory MDR ALS transport.

Contraindications:

- Known hypersensitivity
- Known Long-QT Syndrome
- Pregnant females

Precautions:

- May lengthen QT interval – patients should be placed on a cardiac monitor after administration
- The use of ondansetron in patients following abdominal surgery may mask a progressive ileus and/or gastric distention

Adverse Reactions:

- Headache, Fatigue, Diarrhea, Dizziness

Dosage and administration:

Adult:

- 4 mg PO (Oral Disintegrating Tablet, ODT)

Infants and Children 6 months to 10 years, ≥8 kg (18 lbs)

- 8-15 kg (18-33 lbs): 2 mg ODT, PO
- >15 kg (>33 lbs): 4 mg ODT, PO