

HEALTHEAST MEDICAL TRANSPORTATION
MEDICAL OPERATIONS MANUAL

ONDANSETRON (ZOFRAN)

Drug Classification: Antiemetic

BACKGROUND

Pharmacodynamics

This medication's mechanism of action is not entirely known. However, research has found that it blocks serotonin both peripherally on the vagal nerve terminals and centrally in the chemoreceptor trigger zone.

Indications

- Nausea and vomiting

Contraindications

- Known allergy or hypersensitivity to the medication.
- First trimester pregnancy.

Cautions

- Use with caution with other medications known to prolong the QT interval.

DOSAGE and ADMINISTRATION

ADULT	PEDIATRICS (less than 60 kg)
<p>1. If tolerated or no vascular access, administer 4 mg ODT. Instruct the patient to allow the tablet to dissolve in their mouth then swallow. May repeat in 10-15 minutes if needed.</p> <p>OR</p> <p>Administer 4 mg IM. May repeat dose once after 10-15 minutes if needed.</p> <p>OR</p> <p>Administer 4 mg IV slowly over 2-5 minutes. May repeat dose once after 10-15 minutes if needed.</p>	<p>1. Administer 0.15 mg/kg (maximum 4 mg) IV slowly over 2-5 minutes.</p> <p>2. Contact Medical Control for additional doses, if needed.</p>

ADVERSE REACTIONS/SIDE EFFECTS

- Headache, diarrhea, dizziness, blurred vision, muscle spasms, dry mouth, sedation.
- QT interval prolongation due to electrolyte imbalance, other medications or preexisting condition.
- Overdose may produce a combination of CNS stimulation or depressant effects

NOTES

REFERENCE GUIDELINE: 1C Pain and Nausea Management