

**ONDANSETRON (Zofran)**  
**PUBLIC COMMENT JULY 2026**

**ACTION: Anti-Emetic**

- Selective antagonism of the serotonin 5-HT<sub>3</sub> receptor resulting in decreased nausea and vomiting

**INDICATIONS:**

- Nausea and Vomiting

**CONTRAINDICATIONS:**

- History of hypersensitivity to similar drugs: Dolasetron (Anzemet), Granisetron (Kytril), or Palonosetron (Aloxi) or to ondansetron (Zofran).
- Taking Apomorphine (Apokyn, Ixense, Spontane, Uprima), an injectable drug for Parkinson's Disease, or rarely used for erectile dysfunction.
- Do not give oral tablet or solution to known phenylketonurics (contains phenylalanine).
- Patient has a prolonged QTc interval (**>440 > 500ms in males or greater than 460 ms in females**).

**POTENTIAL SIDE EFFECTS**

- Hypotension
- Syncope
- QT prolongation
- Headache
- Diarrhea
- Dizziness
- Anaphylaxis
- Flushing
- Rash

**ADULT DOSE/ROUTE:**

4 mg slow IVP/IM or 4mg tablet ODT (dissolved on the tongue). May repeat in 20min for continued nausea up to 8 mg.

**PEDIATRIC DOSE/ROUTE:**

ODT **preferred** for children if appropriate.

**6 months – 12 years old or <40kg:** 0.1mg/kg slow IVP/IO (max 4mg)

For patients ≥ 8kg and < 15 kg, give 2mg ODT (half tab). For patients ≥ 15kg, give 4mg ODT.

For patients < 8kg, defer ondansetron until evaluated by physician.

**≥40kg (or ≥ 12 years of age):** 4mg slow IVP/IO. May repeat in 20min for continued nausea up to 8mg

**NOTES:**

- Should be administered IV over 2-5 minutes. Rapid administration has been associated with increased incidence of side effects including syncope.
- Oral disintegrating tablets (ODT's) can be placed on tongue and do not need to be chewed. Medication will dissolve and be swallowed with saliva.
- Ondansetron can be used in pregnancy and breast-feeding mothers (pregnancy class B).

*Effective: xx/xx/xx*  
*Supersedes: 4/1/26*

DRAFT