

## Ondansetron (Zofran®) – 20.290

**CLASS: A**

**CLASS B: pts < 2 y/o**

**PROTOCOL(S) USED IN: Nausea & Vomiting**

**PHARMACOLOGY AND ACTIONS:**

Selective antagonist of a specific type of serotonin receptor located in the CNS at the chemoreceptor trigger zone and in the peripheral nervous system on nerve terminals of the vagus nerve. Drugs blocking action may occur at both sides.

**INDICATIONS:**

Prevention and control of uncomplicated nausea and vomiting.

**CONTRAINDICATIONS:**

**Known hypersensitivity to Zofran or similar medications.  
Caution in patients with hepatic impairment.**

**SIDE EFFECTS AND NOTES:**

- A. Headache, malaise, fatigue, dizziness, fever, sedation
- B. Extrapyramidal symptoms; have Benadryl available

**ADULT DOSING:**

**Nausea & vomiting -**

**4 mg IM/PO or slow IV/IO over 2-5 minutes.** If nausea and/or vomiting are inadequately controlled after 10 minutes, may repeat **4 mg** once for max dosage of 8 mg.

**PEDIATRIC DOSING:**

- A. *Ondansetron use in patients under 2 years of age requires OLMC consultation.*
- B. For children < 40 kg administer **Ondansetron 0.1mg/kg** via slow IV/IO push over 2 minutes up to a total maximum IV dose of 4mg.