

ONDANSETRON (ZOFRAN)

PHARMACOLOGY & MECHANISM OF ACTIONS:

- ❑ Anti-emetic, anti-nausea
- ❑ Blocks serotonin uptake peripherally and centrally in chemoreceptor trigger zone
- ❑ When administered IV, Zofran has an immediate onset of action and plasma concentration peaks at 10 minutes.
- ❑ When administered IM, it peaks at 40 minutes
- ❑ With both routes, half life is four hours
- ❑ Thought to work by blocking the action of chemicals in the body that initiates the vomiting reflex

INDICATIONS:

- ❑ Treatment and prevention of severe nausea and vomiting of any cause

CONTRAINDICATIONS:

- ❑ Hypersensitivity
- ❑ Recent administration of Apomorphine (a rarely used Parkinson’s med which may cause hypotension)

ADMINISTRATION:

	ADULT		PEDIATRIC (over 2 years of age)
EMT-I	<ul style="list-style-type: none"> ❑ 4 mg IV/IM/IO over 1-2 minutes ❑ Can repeat in 15 minutes for persistent vomiting for a total of two doses 	EMT-I	<ul style="list-style-type: none"> ❑ 0.1 mg/kg IV/IO/IM over 1-2 minutes ❑ Can repeat in 15 minutes for persistent vomiting for a total of two doses <p><i>PEDIATRIC</i> Less Than 2 Years of Age</p> <ul style="list-style-type: none"> ❑ Consult OLMC for dose

PRECAUTIONS & SIDE EFFECTS:

- ❑ Prolonged QT interval (rare)
- ❑ Hypotension
- ❑ Chest Pain
- ❑ Tachycardia
- ❑ Seizures (rare)

SPECIAL NOTES:

- ❑ Pregnancy Category B
- ❑ Use with caution in patients with hepatic impairment