

# Ondansetron

## GENERIC NAME

Ondansetron

## TRADE NAME

Zofran

## DESCRIPTION

Ondansetron (Zofran) is primarily used to treat nausea and vomiting. It is a serotonin receptor antagonist that effectively blocks the vomiting reflex. The duration of action is approximately 8 hours.

## HOW SUPPLIED

- Ampule: 4 mg / 2 ml
- Orally Disintegrating Tablet (ODT): 4 mg tablet (scored)

## INDICATIONS

- Nausea
- Vomiting

## CONTRAINDICATIONS

- Hypersensitivity or allergy to Ondansetron
- Do not administer to children under 1 year of age
- Do not administer to pregnant patients in their first trimester

## MECHANISM OF ACTION

Ondansetron blocks serotonin receptors in the central nervous system, preventing the vomiting reflex and reducing nausea.

## SIDE EFFECTS

- Headache

# AUTHORIZATION

**EMT:** Adult: IM injection or ODT PO; Pediatric: ODT PO

**AEMT:** Standing order

**Paramedic:** Standing order

# DOSAGE

Patient Type	Route	Dosage	Maximum Dosage
Adult	IV/IO/IM/PO (ODT)	4 mg	4 mg per dose
Pediatric ≥ 1 year	IV/IO/IM	0.15 mg/kg	Max 4 mg per dose
Pediatric (Weight 8–15 kg)	PO (ODT)	2 mg (split 4 mg tablet on score line)	2 mg
Pediatric (Weight 16–36 kg)	PO (ODT)	4 mg	4 mg
Pediatric < 1 year	Not authorized	N/A	

## Administration Notes:

- For IV/IO administration, give over 2–5 minutes to prevent rapid onset side effects.
- ODT (Orally Disintegrating Tablet) should be placed on the tongue and allowed to dissolve without chewing or swallowing whole.
- Monitor for signs of headache, which is the most common side effect.
- Use caution in pediatric patients and adjust dosage based on weight.

Revision #1  
Created 15 November 2024 00:06:47 by James Anderson  
Updated 15 November 2024 00:07:08 by James Anderson