

Ondansetron

Classification

Antiemetic

Indications

- ACP: Relief of moderate to severe nausea and vomiting

Contraindications

- Known allergy or hypersensitivity to ondansetron
- Congenital long QT syndrome

Adult dosages

- ACP: Relief of moderate to severe nausea and vomiting
- Requires specific training and license endorsement. **For use in palliative care only.**
- 4 mg SC as a single dose
- Do not repeat administration

Pediatric Considerations And Dosing

[Follow weight-based dosing](#)

- ACP: Relief of moderate to severe nausea and vomiting
- Requires specific training and license endorsement. For use in palliative care only.
- 2 mg PO for 6 months - 4 years
- 4 mg PO for age 4 and up
- Do not repeat dose

Mechanism Of Action

Selectively inhibits type 3 serotonergic receptors, suppressing nausea.

Pharmacokinetics

Onset, parenteral: 15 minutes

Duration: >5 hours

Adverse Effects

- Hypotension
- Depression or agitation

Warning And Precautions

Carefully assess patients prior to administering ondansetron. Evaluate the type and intensity of the nausea, as well as the efficacy of relief following administration. Closely monitor patients for signs of respiratory depression or CNS effects (particularly in elderly patients, or those with hepatic or renal impairment).

