

Southern Illinois Regional EMS System

JJ-24 ONDANSETRON (ZOFTRAN)

1. Class:
 - 1.1. Antiemetic.
2. Description:
 - 2.1. Ondansetron blocks the actions of chemicals in the body that can trigger nausea and vomiting. Ondansetron is used to prevent nausea and vomiting that may be caused by surgery or by medicine to treat cancer (chemotherapy or radiation). Ondansetron works by blocking one of the body's natural substances (serotonin) that causes vomiting. Ondansetron may also be used for other purposes not listed in this medication guide.
3. Indications:
 - 3.1. Nausea and vomiting associated with:
 - 3.1.1. Chemotherapy.
 - 3.1.2. Radiotherapy.
 - 3.2. Prevention of postoperative nausea and vomiting.
4. Contraindications:
 - 4.1. Hypersensitivity to ondansetron.
 - 4.2. Hepatic Disease.
 - 4.3. Renal dysfunction.
5. Adverse Reactions:
 - 5.1. Headache.
 - 5.2. Dizziness.
 - 5.3. Drowsiness.
 - 5.4. Constipation.
 - 5.5. Bradycardia.
 - 5.6. Syncope.
 - 5.7. Blurred vision.
 - 5.8. Bronchospasm.
6. Drug Interactions:
 - 6.1. Apomorphine.
 - 6.2. Cross sensitivity among 5-HT₃ receptor antagonists.
7. How supplied:
 - 7.1. IV – 2mg/ml vials.
 - 7.2. Oral disintegrating tablets (ODT) 4 and 8mg tablets.
8. Dosage and Administration:
 - 8.1. Adult:
 - 8.1.1. IV – 4mg given over 1-2 minutes every 8 hours.
 - 8.1.2. ODT 4mg sublingual every 8 hours.
 - 8.2. Pediatric, child 2-12 years if age:
 - 8.2.1. IV 0.1mg/kg less than 40kg.
 - 8.2.2. IV 4mg over 40kg.

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JJ-21 ONDANSETRON (ZOFTRAN)

(continued)

9. Special Considerations:
 - 9.1. Pregnancy Category B.
 - 9.2. Chemotherapy-induced nausea and vomiting; symptoms of progressive ileus and/or gastric distention may be masked.
 - 9.3. ECG changes, transient, including QT prolongation, have been rarely reported.
 - 9.4. Use cautiously with nursing mothers; risk to nursing child has not been determined.