Ondansetron (Zofran)

McHenry Western Lake County EMS

Objectives

- During this session we will discuss:
- Class
- Actions
- Indications
- Contraindications
- Dosing/Routes
- How supplied
- Precautions
- Side effects

Class

- Antiemetic

Actions

- Prevents nausea, vomiting by blocking serotonin peripherally, centrally and in the small intestine.
- Selective 5-HT3 receptor antagonist.

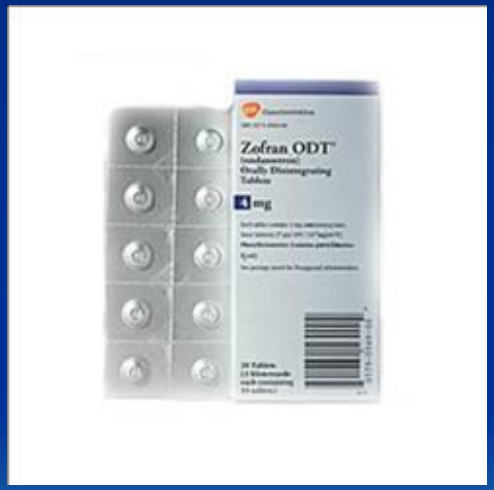
Indications

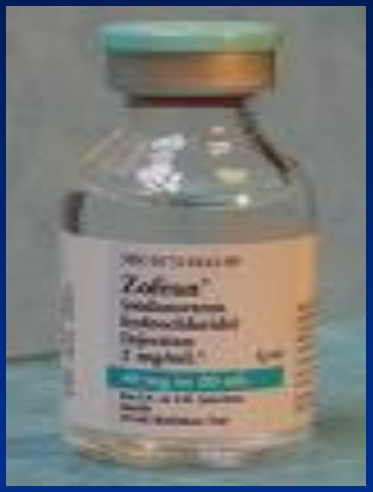
- Nausea and vomiting

Dosing and Route

- Adults: 4 mg oral dissolve tablet (ODT) or slow IVP (over no less than 30 sec.) May repeat X 1 in 10 minutes to a total of 8 mg.
- Children: 0.15 mg/kg up to a total dose of 4 mg quick dissolve tablet or IVP. May repeat X1 in 10 minutes to a total of 8mg. (age 4 and older)

How supplied





How to administer

- Do not remove med from blister pack until just prior to dosing
- Do not try and push tablet through the foil
- Peel blister backing completely off packet
- Gently remove tablet from packet
- Place on patients tongue to dissolve and be swallowed with saliva

Contraindications

- Hypersensitivity

Side Effects/adverse reactions:

- GI: Diarrhea in children
- CNS: Headache, dizziness, drowsiness, fatigue, blurred vision

- Ref: MWLCEMS Protocol and 2000 Mosby's Nursing Drug Reference Book

Case Study

- You are transporting a 24 y/o male who is complaining of abdominal pains with nausea and vomiting. After your initial medical care you could:

Answer

- Zofran: 4 mg oral dissolve tablet (ODT) or slow IVP (over no less than 30 sec.) May repeat X 1 in 10 minutes to a total of 8 mg.

Case Study

- The patient is still nauseated. Can you give another dose of Zofran?

Answer

- Yes…may repeat x1 to a total of 8 mg.

Case Study

- You are treating a 6 y/o child with nausea and vomiting. The patients weight is 40 lbs. What would the appropriate dose of Zofran be for this child?

Answer

- 0.15 mg/kg for the pediatric patient.

- 40 lb child
- Divide by 2.2 to get kg = 18
- 18 X 0.15mg/kg = 2.7