



# REGIONAL ADULT PARENTERAL DRUG MONOGRAPH

GENERIC NAME  
**granisetron**

**Effective Date:** Dec 2012  
**Revised Date:** Nov13-2013  
**Reviewed Date:** May 9 2018

CLASSIFICATION  
**Antiemetic**

OTHER NAMES  
**Kytril**

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**ADMINISTRATION POLICY:**

IV Bolus - May be administered by a nurse  
IV Intermittent - May be administered by a nurse

**RECONSTITUTION/DILUTION/ADMINISTRATION:**

**Available as:** 1 mg/mL – 1 mL vial.

**IV Bolus:** Undiluted, over 30 seconds

**IV Intermittent:** Dilute dose in 50 mL normal saline, and administer over 5 to 15 minutes.

**Maximum rate:** 1 mg/mL

**Maximum concentration:** Over 30 seconds

**DOSAGE:**

**Usual:** 1 mg IV every 12 hours or every 24 hours  
May also dose as 10 mcg/kg/dose (for chemotherapy)

**Maximum single dose:** 2 mg

**Maximum daily dose:** 4 mg

**STABILITY/COMPATIBILITY:**

**Stability of Final Admixture:** 24 hours at room temperature

**Compatibility:** Compatible with D5W, normal saline and dextrose-saline solutions

**PRECAUTIONS, POTENTIAL ADVERSE REACTIONS:**

- CNS: headache, agitation, anxiety, dizziness, tremor, paresthesias, sedation
- GI: constipation, diarrhea, anorexia, transient elevation of AST/ALT.
- CV: (rare) hypertension, hypotension, arrhythmia, bradycardia, tachycardia
- Other: rash, taste disturbances, rare cases of immediate hypersensitivity including bronchospasm, urticaria, angioedema.
- Note: dizziness and transient visual disturbances such as blurred vision have been reported during rapid IV administration.