



# REGIONAL ADULT PARENTERAL DRUG MONOGRAPH

GENERIC NAME  
**ertapenem**

**Effective Date:** May14-2014

**Revised Date:**

**Review Date:** Jan 12 2022

CLASSIFICATION  
**Antibiotic**

OTHER NAMES  
**Invanz**

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**ADMINISTRATION POLICY:**

**IV Infusion** - May be administered by a nurse **MINI-BAG PLUS COMPATIBLE**

**IV bolus** - Not recommended

**Subcut** - Not recommended

USE RESTRICTED TO OUTPATIENT SETTINGS (i.e. ER, ITR, Homecare Clinic) and ONLY PURSUANT TO SPECIALIST (i.e. ID, surgery, internal medicine) CONSULT

**RECONSTITUTION/DILUTION/ADMINISTRATION:**

**Available as:** 1 gram vial

**Reconstitution:** **IV:** Add 10 mL normal saline. Final Concentration: 100 mg/mL  
**IM:** Add 3.2 mL of 1% lidocaine as a diluent  
 Final Concentration: 280 mg/mL Final volume: 3.6 mL  
 Withdraw contents of vial for 1 gram dose. For IM use only.

**IV intermittent:** **MINI-BAG PLUS COMPATIBLE**  
 Dilute in 100 mL of normal saline. Administer over 30 minutes.

**IM:** Administer by DEEP intramuscular injection into a large muscle mass (gluteal muscle or lateral part of thigh; avoid deltoid muscle)

**DOSAGE:**

**Usual:** 1 gram daily

**Maximum rate:** 1 gram over 30 minutes

**Maximum concentration:** **IV:** 20 mg/mL  
**IM:** 280 mg/mL

**Maximum single dose:** 1 gram

**Maximum daily dose:** 1 gram

**STABILITY/COMPATIBILITY:**

**Stability of Reconstituted Solution:** **IV:** 6 hours at room temperature  
**IM:** use within 1 hour of reconstitution

**Stability of Final Admixture:** 6 hours at room temperature

**Compatibility:** Compatible with normal saline  
**Incompatible** with dextrose and dextrose containing solutions

**PRECAUTIONS, POTENTIAL ADVERSE REACTIONS:**

- GI: abdominal pain, constipation, nausea, diarrhea, vomiting
- Neuro: headache
- Local: injection site pain discomfort

**ADDITIONAL NOTES AND NURSING CONSIDERATIONS:**

- Dosage reduction required in patients with renal impairment