

**VANCOUVER GENERAL HOSPITAL
CSU PHARMACEUTICAL SCIENCES
NON-FORMULARY DRUG DATA SHEET**

DRUG NAME
Ertapenem Sodium

ALTERNATE NAME
Invanz®

MANUFACTURER
Merck Frosst

STRENGTH
1000 mg vial

DOSAGE FORM
Injection (IV, IM)

INDICATIONS

- Broad-spectrum carbapenem antibiotic with activity against Gram-positive and Gram-negative aerobic and anaerobic bacteria
- For the treatment moderate to severe infections, including complicated intra-abdominal infections, complicated skin and skin-structure infections, community acquired pneumonia, complicated urinary tract infections (including pyelonephritis), and acute pelvic infections.

DOSAGE AND ADMINISTRATION

- Dose of ertapenem in adults is 1 g IV or IM once daily
- Infuse over 30 minutes
- Dosage adjustment required in renal impairment:

Creatinine Clearance (mL/min)	Dosage
>30	No dosage adjustment
<30	500 mg once daily
Hemodialysis	500 mg once daily dose after dialysis (DAD)

- No dosage adjustment recommendations for impaired hepatic function
- For IM administration, reconstitute with 3.2 mL of 1% lidocaine injection (without epinephrine) and inject IM into a large muscle mass, such as the gluteus or lateral part of the thigh
 - Use reconstituted IM solution within 1 hour after preparation
 - IM solution should not be administered intravenously

KNOWN SIDE EFFECTS*

- Headache, nausea, vomiting, diarrhea (*Clostridium difficile*-associated colitis), injection-site reactions (infused vein complication, phlebitis/thrombophlebitis)
- Hypersensitivity reactions

SPECIAL PRECAUTIONS

- Use with caution in patients with hypersensitivity to carbapenems and history of anaphylactic reaction to penicillins
- Avoid use with probenecid, as may increase ertapenem half-life by 19%
- Compatible in NS
- Not compatible in D5W or with other drugs
- Store vials at room temperature
- Reconstituted IV solution is stable for 6 hours at RT and 24 hours in the fridge

***REPORT ANY ADVERSE DRUG REACTIONS TO CSU PHARMACEUTICAL SCIENCES**

Ertapenem.doc
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