

Imipenem/Cilastatin (Primaxin I.M)

- A. Pharmacology
 - 1. Beta-lactam antibiotic that has a wide spectrum of antibacterial activity against gram-negative and gram-positive aerobic and anaerobic bacteria
- B. Classification
 - 1. Carbapenems
- C. Indications
 - 1. Bacterial Infections including respiratory, skin, bone, gynecologic, urinary tract, and intra-abdominal.
- D. Contraindications
 - 1. Carbapenem hypersensitivity
 - 2. Patients with impaired renal function are known to be at increased risk for toxicity, specifically seizures
- E. Adverse Effects
 - 1. Nausea
 - 2. Vomiting
 - 3. Diarrhea
 - 4. Headache
 - 5. Redness, pain or swelling at the injection site
 - 6. Hives/itching/Rash
- F. Dosage
 - 1. As ordered by physician. Dose must be confirmed with ordering physician or MIH consult physician prior to administration
 - i. 500 milligrams every 6 – 8 hours