



REGIONAL ADULT PARENTERAL DRUG MONOGRAPH

GENERIC NAME
cloxacillin

Effective Date: May 2013 Revised Date: May 11 2022	CLASSIFICATION Antibiotic	OTHER NAMES Orbenin	PAGE 1 of 1
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ADMINISTRATION POLICY:
 IV Bolus - May be administered by a nurse
 IV Infusion - May be administered by a nurse **MINI-BAG PLUS COMPATIBLE**
 IM Injection - May be administered by a nurse

RECONSTITUTION/DILUTION/ADMINISTRATION:
Available as: 500 mg vial: Add 4.8 mL sterile water for injection. Final Concentration: 100 mg/mL
 1 gram vial: Add 9.6 mL sterile water for injection. Final Concentration: 100 mg/mL
 2 gram vial: Add 18.8 mL sterile water for injection. Final Concentration: 100 mg/mL

IV Bolus: Administer undiluted solution over 3 to 4 minutes

IV Intermittent: **MINI-BAG PLUS COMPATIBLE**
 500 mg to 1 gram dose: Dilute in 50 to 100 mL normal saline and infuse over 30 to 60 minutes. For fluid restricted patients, dilute in 20 mL in normal saline.
 2 gram dose: Dilute in **at least** 100 mL normal saline and administer over 30 to 60 minutes

IM Injection: Administer undiluted deep IM into a large muscle.
 500 mg: Add 1.7 mL sterile water for injection. Final Concentration: 250 mg/mL
 1000 mg: Add 3.4 mL sterile water for injection. Final Concentration: 250 mg/mL
 2000 mg: Add 6.8 mL sterile water for injection. Final Concentration: 250 mg/mL

Maximum rate:	IV Intermittent:	over 30 minutes
Maximum concentration:	Peripheral/Central:	100 mg/mL
	IM Injection:	250 mg/mL

DOSAGE:
Usual: 1 to 2 gram IV every 4 to 6 hours
Maximum single dose: 3 grams
Maximum daily dose: 12 grams

STABILITY/COMPATIBILITY:
Stability of Reconstituted Solution: 24 hours at room temperature
Stability of Final Admixture: 12 hours room at temperature
Compatibility: Compatible with D5W, normal saline, dextrose-saline solutions.

- PRECAUTIONS, POTENTIAL ADVERSE REACTIONS:**
- Contraindicated in patients allergic to penicillins
 - Use cautiously in patients allergic to cephalosporins
 - Hypersensitivity reactions
 - Phlebitis – may be minimized by increasing dilution
 - GI effects: diarrhea, nausea, vomiting, abdominal pain, increased liver function tests

- ADDITIONAL NOTES AND NURSING CONSIDERATIONS:**
- No dose reduction required in renal dysfunction.
 - IM administration may be painful