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

DRUG NAME **ALTERNATE NAME**

Cefoxitin sodium
("Second generation" cephalosporin antibiotic)

STRENGTH **DOSAGE FORM**

1 g, 2 g, vials Parenteral

INDICATIONS

- Restricted at VA for the treatment of pelvic inflammatory disease (PID)

RECONSTITUTION AND STABILITY

- Vials stable at room temperature
- For IM use – reconstitute each 1 g with 2 mL sterile water for injection or with 2mL lidocaine 0.5% (without epinephrine) to relieve pain
- For IV use - reconstitute vials with 10 mL sterile water for injection
- Reconstituted and diluted solutions in minibags stable for 24 hours at room temperature

COMPATIBILITY

- Compatible with NS, D5W, Lactated Ringers

ADMINISTRATION

- IM - deep into large muscle;
- IV direct - slowly over 3 to 5 minutes
- IV intermittent - dilute in 50-100 mL D5W or NS; infuse over 15-30 minutes

DOSAGE

- 1-2 g IV Q6-8H (maximum 12 g/day)
- PID - In-patient: 2g IV Q6H in combination with doxycycline 100 mg PO Q12H x 14 days
  - Out-patient: 2 g IV x 1 in combination with probenecid 1 g PO, plus doxycycline 100 mg PO BID x 14 days
- Dosage adjustments required in renal impairment

Creatinine Clearance	Dosage
30-50 mL/minute	1-2 g Q8H
< 30 mL/minute	1-2 g Q12-24H
Hemodialysis	1-2 g Q24H; give dose post-HD
CAPF	1 g Q24h

- No adjustments is required for impaired hepatic function

SIDE EFFECTS

- Contraindicated in patients with hypersensitivity reactions to cephalosporins; cross-sensitivity with penicillins is possible
- Allergic reactions (rash, urticaria, pruritis); diarrhea; thrombophlebitis, pain, induration and erythema at injection site
- Sodium content is 53mg (2.3 mEq) per gram of cefoxitin sodium