



REGIONAL PEDIATRIC PARENTERAL DRUG MONOGRAPH

GENERIC NAME
ceFAZolin

Effective Date: Sept10-2014

Revised Date: Jan 12 2022

CLASSIFICATION
Antibiotic

OTHER NAMES
Ancef, Kefzol

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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
- Subcut - Not recommended

RECONSTITUTION/DILUTION/ADMINISTRATION:

- Available as:** 1000 mg vial
- Reconstitution:** IV: Add 9.5 mL unpreserved sterile water for injection. Shake until drug is dissolved.
Final volume: 10 mL Final concentration: 100 mg/mL
IM: Add 3.5 mL unpreserved sterile water for injection. Shake until drug is dissolved.
Final volume: 4 mL Final concentration: 250 mg/mL
- IV Bolus:** Give over 3 to 5 minutes
- Intermittent:** **MINI-BAG PLUS COMPATIBLE**
Dilute in normal saline and infuse over 15 to 60 minutes
- IM:** Administer deep into a large muscle mass

DOSAGE:

- Less than 2 kg:** 40 mg per kg per 24 hours divided every 12 hours
- Greater than or equal 2 kg up to 2 years:** 50 mg to 100 mg per kg per 24 hours divided every 8 hours
- Children 2 to 12 years:** 50 to 100 mg per kg per 24 hours divided every 8 hours
(maximum 6 grams in 24 hours)
- Surgical Prophylaxis:** IV/IM: Pre Op 25 mg per kg per dose x 1 dose (maximum 1 gram)
Post Op Continue with age appropriate dose for 24 to 48 hours (preferably 24 hours) (maximum 6 grams per 24 hours)
- Renal Impairment:** dosage adjustment required:
CrCl 10 to 30 mL/min/1.73 m²: 20 mg per kg per dose every 12 hours;
CrCl less than 10 mL/min/1.73 m²: 20 mg per kg per dose every 24 hours
- Hepatic Impairment:** no dosage adjustment required
- Obesity:** use ideal body weight (IBW) OR adjusted body weight (AdBW = IBW + 0.3 (actual BW – IBW))



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Maximum single dose: 1.5 grams

Maximum rate: 1 gram over 5 minutes

Maximum concentration: IV: 100 mg/mL
IM: usual 250 mg/mL

STABILITY/COMPATIBILITY:

Stability of Final Admixture: 24 hours at room temperature

Compatibility: Compatible with normal saline, D5W, ½ normal saline, Lactated Ringer, D5W1/2NS

POTENTIAL HAZARDS:

- Hypersensitivity: pruritis, rash, eosinophilia
- GI: nausea, vomiting, diarrhea, thrush
- Hemat: neutropenia, anemia, thrombocytopenia, positive direct and indirect Coombs test
- Hepatic: increased liver function tests (transient)
- Neuro: fever, CNS irritation, seizures (patients with high doses and renal impairment)
- Renal: increased urea
- Local: phlebitis at IV site; pain at IM site
- Other: rash, urticaria

CAUTION

- adjust dose in patients with renal impairment

CONTRAINDICATIONS

- allergic reactions to cephalosporins or penicillin antibiotic

ADDITIONAL NOTES: