

Cefuroxime:

Class: Antibiotic

Indications:

Treatment of infections caused by staphylococci, group B streptococci, *H. influenzae* (type A and B), *E. coli*, *Enterobacter*, *Salmonella*, and *Klebsiella*; treatment of susceptible infections of the upper and lower respiratory tract, otitis media, urinary tract, uncomplicated skin and soft tissue, bone and joint, sepsis, uncomplicated gonorrhea, and early Lyme disease; surgical prophylaxis

Available dosage form in the hospital: 750MG TAB, 500MG CAP, 125MG/5ML SUSP, 250MG TAB, 250MG/5ML SUSP., 1.5G VIAL, 750MG VIAL.

Trade Names:

Dosage:

- Bronchitis, acute (and exacerbations of chronic bronchitis):
 - Oral: 250-500 mg every 12 hours for 10 days
 - I.V.: 500-750 mg every 8 hours (complete therapy with oral dosing)
- Cellulitis, orbital: I.V.: 1.5 g every 8 hours
- Cholecystitis, mild-to-moderate: I.V.: 1.5 g every 8 hours for 4-7 days (provided source controlled)
- Gonorrhea:
 - Disseminated*: I.M., I.V.: 750 mg every 8 hours
 - Uncomplicated*:
 - Oral: 1 g as a single dose
 - I.M.: 1.5 g as single dose (administer in two different sites with probenecid)
- Intra-abdominal infection, complicated, community-acquired, mild-to-moderate (in combination with metronidazole): I.V.: 1.5 g every 8 hours for 4-7 days (provided source controlled)
- Lyme disease (early): Oral: 500 mg twice daily for 20 days
- Pharyngitis/tonsillitis and sinusitis: Oral: 250 mg twice daily for 10 days
- Skin/skin structure infection, uncomplicated:
 - Oral: 250-500 mg every 12 hours for 10 days

- I.M., I.V.: 750 mg every 8 hours
- Pneumonia, uncomplicated: I.M., I.V.: 750 mg every 8 hours
- Severe or complicated infections: I.M., I.V.: 1.5 g every 8 hours (up to 1.5 g every 6 hours in life-threatening infections)
- Surgical prophylaxis: I.V.: 1.5 g 30 minutes to 1 hour prior to procedure (if procedure is prolonged can give 750 mg every 8 hours I.M.)
 - Cholecystectomy*: I.V.: 1.5 g every 8 hours, discontinue within 24 hours unless infection outside gallbladder suspected
 - Open heart*: I.V.: 1.5 g every 12 hours to a total of 6 g
- Urinary tract infection, uncomplicated:
 - Oral: 125-250 mg twice daily for 7-10 days
 - I.V., I.M.: 750 mg every 8 hours

Renal Impairment:

- Cl_{cr} 10-20 mL/minute: Administer every 12 hours.
- Cl_{cr} <10 mL/minute: Administer every 24 hours.
- Hemodialysis: Dialyzable (25%)
- Peritoneal dialysis: Dose every 24 hours
- Continuous renal replacement therapy (CRRT): 1 g every 12 hours.

Common side effects: Diarrhea ,Diaper rash ,Nausea/vomiting ,Eosinophilia , hemoglobin and hematocrit decreased (10%).

Pregnancy Risk Factor: B