

FORMULARY

Cefazolin (Ancef)

Class of Drug	Antibiotic
Mechanism of Action	Cephalosporin that exerts a bactericidal effect by inhibiting cell wall synthesis of bacteria. Cefazolin has been shown to be effective against multiple pathogens. Cefazolin is absorbed systemically, with a half- life of 1.8 hours for IV administration and 2 hours for IM administration. Cefazolin crosses the placenta and is excreted in breast milk.
Indications	Significant open trauma Open fractures Burns
Contraindications	Known allergy to cephalosporin or anaphylaxis reaction to penicillin.
Adverse Effects	Diarrhea, oral candidiasis, vomiting, nausea, abdominal cramping, and pseudomembranous colitis have all been reported.
Precautions	Lower dosages must be administered in patients with low urinary output secondary to renal dysfunction.
Dosing/Administration	Cefazolin is available in sterile powder, 500 mg or 1 g, for reconstitution and administration intravenously or intramuscularly. Adult: 1-2 g IV/IO over 15-20 minutes Pediatric: Infants/Children: 25-100 mg/kg IV/IO over 15-20 min Neonates: 40-60 mg/kg IV/IO over 15-20 min
Pregnancy Category	Class B: Presumed safety based on animal studies