

**Recommended dosing regimens of Cefazolin, produced by Kraspharma OJSC,  
in patients with normal renal function**

Indication	Daily dose regimen	Way of administration	Duration of treatment
Skin and soft tissues infections	Adults: 0.5-1 g every 6-8 hours	IV or IM	7-14 days
	Children (from 1 mon.): 10-20 mg/kg every 8 hours	IV or IM	
Erysipelas	Adults: 0.5-1 g every 6-8 hours	IV or IM	No less than 10 days
	Children (from 1 mon.): 10-20 mg/kg every 6-8 hours	IV or IM	
Lactation mastitis	Adults: 1 g every 8 hours	IV or IM	7 days
Osteomyelitis	Adults: 1-2 g every 8 hours	IV or IM	3 weeks
	Children (from 1 mon.): 20 mg/kg every 8 hours	IV or IM	
Acute infective endocarditis	Adults: 2 g every 8 hours	IV	4-6 weeks
	+ gentamicin, 3-5 mg/kg/per 24 hours in 1-2 infusions	IV	
Septic (infectious) arthritis (unless caused by <i>Neisseria gonorrhoeae</i> )	Adults: 1-2 g every 8 hours + amikacin, 15-20 mg/kg/per 24 hours, in 1-2 infusions	IV or IM IM or IV	21 days

	<i>or</i> gentamicin, 3-5 mg/kg/per 24 hours in 1-2 infusions	IM or IV	
	Children (from 1 mon.): 20 mg/kg every 8 hours	IV or IM	
	+ amikacin, 15-20 mg/kg/per 24 hours in 1-2 infusions	IV or IM	
	<i>or</i> gentamicin, 3-5 mg/kg/per 24 hours in 1-2 infusions	IM or IV	
Staphylococcal corneal ulcer	100 mg once a day*	subconjunctivally	3-5 days
Post-operative or posttraumatic endophthalmitis	2.25 mg*	intravitreally	
Perioperative antibiotic prophylaxis (in traumatology, orthopaedics, neurosurgical procedures, cardiac surgery, obstetrics, gynecology, abdominal surgery)	Adults: 1 to 2 g, 30 min. before incision Children (from 1 mon.): 10-20 mg/kg, 30 min. before incision	IV IV	

**\* Rules for preparation of solutions of Cefazolin for ophthalmological practice:**

1. Intravitreal injection (step by step)

A. To the vial with 500 mg of cefazolin powder add 10 ml of 0.9% sodium chloride solution; cefazolin concentration in this solution is about 50 mg/ml

B. Take 1 ml (about 50 mg of cefazolin) of the solution obtained at the first stage in a syringe and dilute with 1.2 ml of 0.9% sodium chloride solution; cefazolin concentration in this solution is about 22.7 mg/ml

C. Take 0.1 ml of the solution obtained at the previous stage in an insulin syringe

D. Inject 0.1 ml of the solution (about 2.27 mg of cefazolin) intravitreally

2. Subconjunctival injection (step by step)

A. To the vial with 500 mg of cefazolin powder add 2.5 ml of 0.9% sodium chloride solution; cefazolin concentration in this solution is about 200 mg/ml

B. Take 0.5 ml (about 100 mg of cefazolin) of the solution obtained at the first stage in a syringe and inject subconjunctivally

### 3. Eye drops

A. To the vial with 500 mg of cefazolin powder add 9.6 ml of “tear substitute” or 0.9% sodium chloride solution; cefazolin concentration in this solution is about 50 mg/ml; instillation in the affected eye with a 1 hour interval.