

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

Indication	Daily dose regimen	Way of administration	Duration of treatment
Nosocomial pneumonia, including ventilator-associated pneumonia	Adults: 15-20 mg/kg every 24 hours	IV	14-21 days (up to 42 days in pneumonia due to <i>Pseudomonas aeruginosa</i>)
	+ Meropenem 1-2 g every 8 hours	IV	
	<i>or</i> + Imipenem+cilastatin 1 g every 6 hours	IV	
	Children>3 mon.: 15-20 mg/kg/day in 1-2 injections	IV	
Malignant otitis externa in diabetic or immunocompromised patients	+ Meropenem 20 mg/kg every 8 hours	IV	10-14 days
	<i>or</i> + Imipenem+cilastatin 25 mg/kg every 6 hours	IV	
	(2 g/day maximum)		
Malignant otitis externa in diabetic or immunocompromised patients	Adults: 15-20 mg/kg every 24 hours	IV	28-56 days, step-down therapy is possible
	+ Levofloxacin 0.5 g every 24 hours	IV	
	<i>or</i> + Cefepime 2 g every 12 hours	IV	

Otitis media in mechanically ventilated patients	Adults: 15-20 mg/kg every 24 hours	IV	10-14 days
	+ Ceftazidime 3 g every 8 hours	IV	14-21 days
	<i>or</i> + Cefepime 2 g every 12 hours	IV	14-21 days
Nosocomial sinusitis in mechanically ventilated patients	Adults: 15 mg/kg every 24 hours +	IV	7-14 days
	Cefepime 2 g every 12 hours	IV	7-14 days
	Children: 15 mg/kg/day in 1 or 2 injections	IV or IM	7-14 days
	+ Ceftazidime 100-150 mg/kg/day in 3 injections	IV	7-14 days
Complicated urinary tract infection (including catheter-related urinary tract infection) Urosepsis	Adults: 15-20 mg/kg every 24 hours	IV	7-10 days
	+ Cefepime 2 g every 12 hours	IM or IV	14-21 days
	<i>or</i> + Ciprofloxacin 400 mg every 12 hours	IV	14-21 day
	<i>or</i> + Fosfomycin 2 g every 6-8 hours	IV	14-21 day
	Children: 15-20 mg/kg/day in 1-2 injections	IV or IM	7-10 day
	+ Ceftazidime 150 mg/kg/day in 3 injections	IV or IM	14-21 day

Periprosthetic infection (infectious complications following total joint arthroplasty)	Adults: 15-20 mg/kg every 24 hours	IV or IM	10-14 days
	+ Vancomycin 1 g every 12 hours	IV	28-36 days
	Children: 15-20 mg/kg/day in 1-2 injections	IV or IM	10-14 days
	+ Vancomycin 15 mg/kg every 6 hours	IV	28-36 days
Neonatal osteomyelitis (with high probability of MRSA infection)	15 mg/kg/day in 1 injection	IV or IM	10 days
	+ Vancomycin 15 mg/kg every 8-12 hours	IV	14-21 days
Neonatal sepsis	15-20 mg/kg/day in 1 injection	IV	10-14 days
	+ Cefotaxime 50 mg/kg every 12 hours	IV	
	+ Ampicillin 50 mg/kg every 6-8 hours	IV	
Febrile neutropenia	Adults: 15-20 mg/kg every 24 hours	IV	7-10 days or treat until neutropenia resolved
	+ Meropenem 1 g every 8 hours	IV	
	Children: 15-20 mg/kg/day in 1 or 2 injections +	IV	
	Ceftazidime 100-150 mg/kg/day in 3 injections +/-	IV	
	vancomycin 15 mg/kg every 6 hours	IV	