

Table 2. Antimicrobial Regimens Recommended For Treatment of Group B Streptococcal Infections in Neonates and Young Infants

Site of Infection	Age	Drug	Dose Per Day (Intravenous)	Duration
Bacteremia without meningitis	All	Ampicillin plus gentamicin	150-200mg/kg 7.5 mg/kg	Initial treatment before culture results (48-72 hr)
		Penicillin G	200,000 units/kg	Complete a total treatment course of 10 days
Meningitis	< 7 days	Ampicillin	200-300 mg/kg/day in 3 divided doses	Initial treatment until CSF is sterile
		Gentamicin	5 mg/kg in 2 divided doses	
	< 7 days	Penicillin G	250,000-400,000 u/kg/day in 3 divided doses	Complete a minimum total treatment course of 21 days
	≥ 7 days	Ampicillin	300-400 mg/kg/day in 4-6 divided doses	Initial treatment until CSF is sterile
		Gentamicin	7.5 mg/kg in 3 divided doses	
	≥ 7 days	Penicillin G	500,000 u/kg/day in 4 divided doses	Complete a minimum total treatment course of 21 days
Septic arthritis	All	Penicillin G	200,000 units/kg	2-3 wk
Osteomyelitis	<u>All</u>	Penicillin G	200,000 units/kg	3-4 wk
Endocarditis	<u>All</u>	Penicillin G	400,000 unit/kg	4 wks-6 wks