

ตัวอย่างสารน้ำและการผสมยาที่สั่งใช้บ่อยในเด็ก

Medication	Diluent	Usual conc.	Administration
Acyclovir*	NS, D5W	0.25 - 5 mg/mL (≤ 7 mg/ml)	IV infusion over 60 min
Amikacin*	NS, D5W	5 mg/ml (restricted 10 mg/ml)	IV infusion over 30-60 min
Amiodarone*	D5W	≤ 2 mg/ml (peripheral), 2-6 mg/ml (central)	IV infusion over 60 min
Ambisome®	D5W	1 - 2 mg/ml	IV infusion over 2 hr
Amphotericin B*	D5W	0.25 mg/ml (central) 0.1 mg/ml (peripheral)	IV infusion over 4-6 hr
Amoxicillin/clavulanic acid	NS	10 mg/ml of amoxicillin	IV infusion over 30-60 min
Ampicillin/Sulbactam* [Unasyn®]	NS	45 mg/ml (Unasyn®) 30 mg/ml (ampicillin)	IV infusion over 15-30 min
Azithromycin*	NS, D5W	1 - 2 mg/ml	IV infusion over 60 min
Cefazolin	NS, D5W	20 mg/ml IVP: max conc: 100 mg/mL	IV infusion over 10-60 min IVP over 3-5 minutes
Cefepime*	NS, D5W	40 mg/ml	IV infusion over 30 min IVP over 3-5 min
Cefoperazone/Sulbactam [Sulperazon®]	NS, D5W	10 - 250 mg/ml of cefoperazone	IV infusion over 15-30 min IVP over 3-5 min
Cefotaxime*	NS, D5W	10 - 40 mg/ml (restricted 60 mg/mL) IVP: 200 mg/mL	IV infusion over 15-30 min IVP over 3-5 min
Cefoxitin*	NS, D5W	40 mg/ml (restricted 125 mg/mL) IVP: 95-180 mg/mL	IV infusion over 10-60 min IVP over 3-5 min
Ceftriaxone*	NS, D5W	40 mg/ml	IV infusion over 30-60 min
Cefuroxime*	NS, D5W	30 mg/ml IVP: 100 mg/ml	IV infusion over 15-30 min IVP: over 3 to 5 minutes
Ceftazidime*	NS, D5W	1 - 40 mg/ml IVP: 100 - 170 mg/ml	IV infusion over 30 min IVP: over 3 to 5 minutes
Ciprofloxacin*	NS, D5W	0.5 - 2 mg/ml	IV infusion over 60 min
Clindamycin	NS, D5W	≤ 18 mg/ml	IV infusion ≤ 30 mg/min
Cloxacillin*	NS(prefer), D5W	10 - 20 mg/ml	IV infusion over 60 min
Colistin	NS, D5W	≤ 75 mg/ml	IV infusion over 30 min
Co-trimoxazole*	D5W	≤ 1 mg of TMP/ml	IV infusion over 60-90 min
Cyclosporin A	NS, D5W	≤ 2.5 mg/ml	IV infusion over 2-6 hr
Doripenem	NS	≤ 5 mg/ml	IV infusion over 60 min
Ertapenem	NS	≤ 20 mg/ml	IV infusion over 30 min
Fluconazole	NS, D5W	≤ 2 mg/ml	IV infusion over 200 mg/hr
G-CSF	NS, D5W	5 -15 mcg/ml	IV infusion 15-30 min
Ganciclovir*	NS, D5W	≤ 10 mg/ml	IV infusion over 60 min
Gentamicin	NS, D5W	5 mg/ml (restricted 10 mg/mL)	IV infusion over 30-60 min
Imipenem/Cilastatin*	NS(prefer) , D5W	≤ 5 mg/ml of imipenem	≤ 500 mg IV infusion 30 min > 500 mg IV infusion 60 min
Levetiracetam (Keppra®)	NS, D5W	5 - 15 mg/ml	IV infusion over 15 min
Levofloxacin*	NS, D5W	≤ 5 mg/ml	≤ 500 mg IV infusion 60 min > 500 mg IV infusion 90 min
Meropenem*	NS(prefer), D5W	1- 20 mg/ml	IV infusion over 60 min
Micafungin	NS, D5W	0.5 - 4 mg/ml (if > 1.5 mg/ml use central line)	IV infusion over 60 min
Netilmicin	NS, D5W	0.5-2 mg/ml	IV infusion over 30-120 min
Nicardipine	NS, D5W	0.1-0.5 mg/ml	IV continuous drip
Nitroglycerine	NS, D5W	≤ 400 mcg/ml	IV continuous drip
Pantoprazole (Controloc®)	NS, D5W	≤ 0.8 mg/ml	IV continuous drip ≤ 8 mg/hr
Pentamidine*	D5W	1 - 6 mg/ml	IV infusion over 60 min
Phenobarbital	NS	≤ 10 mg/ml	IV infusion over 30 mg/min
Phenytoin* (Dilantin®)	NS	5 - 10 mg/ml	IV infusion 1-3 mg/kg/min
Piperacillin/Tazobactam	NS, D5W	20 - 80 mg/ml of piperacillin	IV infusion over 30 min
Terlipressin	NS	≤ 10 mcg/ml	IV continuous drip
Tigecycline	NS, D5W	≤ 1 mg/ml	IV infusion over 30-60 min
Transamine	NS, D5W	10 mg/ml	IV infusion over 15-30 min
Valproic acid (Depakine®)	NS, D5W	≤ 8 mg/ml	IV infusion 1.5-3 mg/kg/min
Vancomycin*	NS, D5W	5 mg/ml or ≤ 500 mg/dose	IV infusion over 60 min
		10 mg/ml or > 500 mg/dose	IV infusion over 120 min
Vitamin B1 (Thiamine)	NS, D5W	≤ 2 mg/ml	IV infusion over 30 min
Vitamin C (Ascorbic acid)	NS, D5W	≤ 25 mg/ml	IV infusion over 30 min
Voriconazole	NS, D5W	≤ 5 mg/ml	IV infusion over 3 mg/kg/hr

*Phlebotogenic Medications

Reference : Pediatric and Neonatal Lexi-Drug