

PICU CHET BAG - Dosing Sheet

Drug	Concentration	Dose	Route	Remarks
Acetaminophen Supp	325mg		PR	
Acetaminophen Oral drops	80mg/0.8ml	10-15 mg/kg/dose every 4-6 hours as needed	PO	Max: Oral, rectal: 325-650 mg every 4-6 hours or 1000 mg 3-4 times/day; do not exceed 4 g/day
Adenosine	3 mg/ml	0.1 mg/kg	IV	Second dose 0.2 mg/kg to Max dose of 12 mg. Fast push. Follow with flush
Albumin	25%	0.5-1g/kg/dose (=2-4 ml/kg/dose)	IV	Maximum rate of infusion: 1 mL/minute, Max dose=25-50 grams
Albuterol Inhalation	2.5mg/0.5ml (0.5%)	0.15-0.3 mg/kg (0.03-0.06 ml/kg) every 1-4 hours prn or 0.5 mg/kg/hour by continuous inhalation	INH	Max Dose: 10 mg (2 ml)
Amiodarone	50 mg/ml	2-5 mg/kg / Max 15mg/kg/day	IV	Dilute to 1.5-3 mg/ml in D5W. Pulseless VT/VFib push. SVT/ VT over 10-20 minutes
Ampicillin	1000mg	50-100(meningitis) mg/kg/dose	IV	Max dose: 3 grams
Atropine	0.1mg/ml	0.02 mg/kg	IM/IV	Max 1 mg x 2 / Min 0.1mg
Calcium Chloride	100 mg/ml	10-20 mg/kg	IV	Slow Push. Central Line Preferred
Cefotaxime	2000mg	33-50 mg/kg/dose	IV	Max dose: 2 grams
Ceftriaxone	2000mg	50-100 mg/kg/24h	IM/IV	Max dose: 4 g/day
Dexamethasone	4 mg/ml	Variable	IM/IV	Meningitis 0.15 mg/kg q6h x 4 days
Dextrose	50%	2-4 ml/kg	IV	Max: 10-25 g (20-50 mL of 50% solution)
Diazepam	5 mg/ml	0.1-0.3 mg/kg	IV	Max: 10 mg/dose. Central Line Preferred, PR 0.5 mg/kg
Diphenhydramine	50 mg/ml	1 mg/kg	IM/IV	
Dobutamine	250mg/20ml	1-20 mcg/kg/min	IV	Central Line Preferred
Dopamine	200mg/250ml	1-20 mcg/kg/min	IV	Central Line Preferred
Epinephrine	0.1 mg/ml / 1 mg/ml	0.01-0.1 mg/kg/dose / drip: 0.01-1 mcg/kg/min	IV	Repeat every 3-5 minutes during CPR. Central Line Preferred
Esmolol	10 mg/ml	100-500 mcg/kg / 25-1000 mcg/kg/min	IV	Dilute to 10-20 mg/ml. Central Line Preferred
Fentanyl	50 mcg/ml	1-5 mcg/kg	IM/IV	
Flumazenil	0.1 mg/ml	0.01 mg/kg	IV	Max 0.2 mg/dose / total 1-3mg
Furosemide	10 mg/ml	Max 1 mg/kg	IM/IV	max 4 mg/min NTE 0.5 mg/kg/minute
Gentamicin	40mg/2ml	2.5 mg/kg/dose	IV	
Heparin	1000 unit/ml--10 ml	50 units/kg bolus / 25 units/kg/hr drip	IV	
Hetastarch	6%	10 mL/kg/dose; Total daily dose NTE 20 mL/kg	IV	Max: 500-1000 mL/ dose; NTE 1.2 g/kg or 90 g (1500 mL)/Day

Hydralazine	20mg/ml	0.1-0.2 mg/kg/dose	IV	NTE: 40 mg/dose
Hypertonic Saline	3%	Head Trauma: 5 to 10 ml/kg over 10- 60 minutes (=2.6-5 mEq/kg) Hyponatremia: 2 mL/kg/hr (1 mEq/kg/hr)	IV	Central Line Preferred.
Insulin (Novolin) R	100 units/ml	0.05-0.1 unit/kg	SQ/IV	
Ipratropium	0.5mg/2.5ml	0.25-0.5 mg q 20 minutes x 3 doses	INH	
Ketamine	100mg/ml	0.5-2 mg/kg	IV	NTE: 0.5 mg/kg/minute. I.M Dose.: 3-7 mg/kg
Labetalol	5 mg/ml	0.2-1 mg/kg	IV	Max 3 mg/kg/hr. Max 20 mg/dose
Lidocaine	20 mg/ml	1 mg/kg, may repeat in 15 min, then 5-50 mcg/kg/min drip	IV	Central Line Preferred
Mannitol	20%	0.25-1 g/kg (=1.25-5 ml/kg)	IV	Filter / WATCH FOR CRYSTALS. Central Line Preferred
Methylprednisolone	500mg vial	Asthma: 2 mg/kg/dose; Spinal Cord Injury: 30 mg/kg over 15 minutes	IV	Spinal Cord : Drip follows at 5.4 mg/kg/hr X 23 hours
Midazolam	5 mg/ml	0.05- 0.2 mg/kg	IM/IV	
Morphine	10mg/ml	0.05-0.2 mg/kg	IV	usual max: 15 mg/dose
Naloxone	0.4mg/ml	10-100 mcg/kg	IM/IV	Adults 0.4-2 mg / repeat q 2-3 minutes prn
Nifedipine	10mg	0.25-0.5 mg/kg/dose	PO	Max: 30 mg/dose
Nitroprusside	50 mg/2 ml	0.05-2 mcg/kg/min	IV	Dextrose only / PROTECT FROM LIGHT. Central Line Preferred
Penicillin GK	5mu	25,000-100,000 units/kg/dose	IV	Adult max: 5 million units (mu)/dose
Phenobarbital	130 mg/ml	10-20 mg/kg	IM/IV	NTE 1mg/kg/min
Phenytoin	50 mg/ml	10-20 mg/kg	IV	Dilute with NS / NTE 1mg/kg/min
Physostigmine	1mg/ml	0.01-0.03 mg/kg/dose; repeat q 20 minutes to a max total dose of 2 mg	IV	Use with atropine! Adults: No max total dose .Administer slowly over 5 minutes
Potassium Chloride	2 meq/ml	0.25-1 mEq/kg/hr	IV	0.4 mEQ/mL central. Central Line Preferred
Propofol	10mg/ml	1-3 mg/kg	IV	gtt: 25-150 mcg/kg/min. Syringe expires in 6 hours.
Racemic Epinephrine	0.5ml amp	0.25-0.5 mL	INH	diluted in 3 mL NS
Sodium Bicarbonate	1 mEq/ml	1 mEq/kg	IV	Central Line Preferred
Sodium Chloride	0.9%	10-20 ml/kg	IV	
Succinylcholine	20 mg/ml	1-2 mg/kg	IV	Consider atropine
Thiopental	25 mg/ml	1-5 mg/kg	IV	(Pentothol) Central Line Preferred
Vecuronium	1 mg/ml	0.1-0.3 mg/kg	IV	

Key:

NTE=Not to Exceed

**References: Pediatric Dosage Handbook, 15 th Ed
Pediatric Advanced Life Support, 2006**