

NICU - COMMON IV DRUG INFUSIONS REFERENCE CHART

DRUG	CONCENTRATION	RATE = DOSE	NORMAL DOSE RANGE	COMPATIBLE DILUENTS
VARIABLE CONCENTRATION INFUSIONS				
ADRENALINE Low concentration HIGH concentration	0.3mg/kg in 50ml 3mg/kg in 50ml	0.1ml/hr = 0.01 microgram/kg/min 0.1ml/hr = 0.1 microgram/kg/min	0.01 – 1.5 microgram/kg/min	Glucose 5 & 10% NaCl 0.9%
CLONIDINE	200microgram/kg in 50ml	0.25ml/hr = 1 microgram/kg/hour	0.5 – 2 microgram/kg/hour	Glucose 5% NaCl 0.9%
DOPAMINE Single Strength Double Strength	30mg/kg in 50ml 60mg/kg in 50ml	0.5ml/hr = 5 microgram/kg/min 0.25ml/hr = 5 microgram/kg/min	5-20 microgram/kg/min	Glucose 5 & 10% NaCl 0.45% & 0.9%
INSULIN Low conc. HIGH concentration	10units/kg in 50ml 25units/kg in 50ml	0.1ml/hr = 0.02 units/kg/hour 0.1ml/hr = 0.05 units/kg/hour	0.02 – 0.2units/kg/hour	NaCl 0.45% & 0.9%
MIDAZOLAM	6mg/kg in 50ml	0.5ml/hr = 60 microgram/kg/hour	30 - 60 microgram/kg/hour	Glucose 5 & 10% NaCl 0.45% & 0.9%
MILRINONE Single Strength Double Strength	3mg/kg in 50ml 6mg/kg in 50ml	0.5ml/hr = 0.5microgram/kg/min 0.25ml/hr = 0.5microgram/kg/min	0.5-0.75 microgram/kg/minute	Glucose 5% NaCl 0.45 & 0.9%
MORPHINE Single Strength Double Strength	1mg/kg in 50ml 2mg/kg in 50ml	0.5ml/hr = 10 microgram/kg/hour 0.25ml/hr = 10 microgram/kg/hour	5-20 microgram/kg/hour	Glucose 5 & 10% NaCl 0.45% & 0.9%
VECURONIUM Single Strength Double Strength	10mg/kg in 50ml 20mg/kg in 50ml	0.3ml/hr = 60 microgram/kg/hour 0.15ml/hr = 60 microgram/kg/hour	60-100 micrograms/kg/hour	Glucose 5 & 10% NaCl 0.45% & 0.9%
STANDARD CONCENTRATION INFUSIONS				
DINOPROSTONE	50microgram in 50ml	Wt(kg) x 0.3ml/hr = 5 NANOGRAM/kg/min	10-100 NANOGRAM/kg/min	Glucose 5% NaCl 0.45% & 0.9%
HEPSAL	50units in 50ml	1ml/hr = 1unit / hr	0.5 – 1unit/hr	NaCl 0.45%
SILDENAFIL	20mg in 25ml	Wt(kg) x 0.13ml/hr =100microgram/kg/hr	20-100 micrograms/kg/hour	Neat solution
SODIUM CHLORIDE Low Conc High Conc (CENTRAL USE ONLY)	0.9% 2.7%	Weight(kg) x 0.5ml/hr = 2mmol/kg/day Weight(kg) x 0.5ml/hr = 6mmol/kg/day	2 - 4 mmol/kg/day	Pre-made bag NaCl 0.9% Pre-made bag NaCl 2.7%
POTASSIUM CHLORIDE Low Conc High Conc (CENTRAL USE ONLY)	2mmol in 50ml 4mmol in 50ml	Weight (kg) x 1ml/hr = 1mmol/kg/day Weight(kg) x 0.5ml/hr = 1mmol/kg/day	1 - 2 mmol/kg/day	Pre-made bag 20mmol in 500ml Pre-made bag 40mmol in 500ml
VANCOMYCIN	125mg in 30ml 5% DEXTROSE	Weight x 0.2 (ml/hr) = 20mg/kg/day Weight x 0.3 (ml/hr) = 30mg/kg/day Weight x 0.4 (ml/hr) = 40mg/kg/day Weight x 0.5 (ml/hr) = 50mg/kg/day	20 – 50mg/kg/day	PRE- MADE SYRINGES

(1 milligram (mg) = 1000micrograms) (1microgram = 1000nanograms)

ANISA PATEL Feb 2020