KIDS Standard infusions guide

It is the responsibility of the clinician to ensure drugs are used appropriately according to the clinical situation

Drug	Dose Range	Standard infusion (NB volume stated is *total volume*)	Rate
Morphine	10-40 microgram/kg/hr	1 mg/kg in 50 mL D5, D10 or NS	1 mL /hr = 20 microgram/kg/hr
Midazolam (weight < 33kg)	0.5-3 microgram/kg/min	3 mg/kg in 50 mL D5, D10, D/S,NS	1 mL/hr = 1 microgram/kg/min
Midazolam (weight ≥ 33kg)	0.5-3 microgram/kg/min	100 mg in 50 mL D5, D10, D/S, NS	(Weight x 0.03) mL/hr = 1 microgram/kg/min
Rocuronium	0.6-1 mg/kg/hr	Neat Solution 10 mg/mL	(Weight /10) mL/hr = 1 mg/kg/hr
Vecuronium	1 - 4 micrograms/kg/min	6 mg/kg in 50 mL D5, D10, NS	1 mL/hr = 2 micrograms/kg/min
Dopamine, peripheral (<5kg)	1-20 microgram/kg/min	15 mg/kg in 50 mL D5, D10 or NS	1mL/hr =5 microgram/kg/min
Dopamine, peripheral (=/>5kg)	1-20 microgram/kg/min	80 mg in 50 mL D5, D10 or NS	(Weight x 0.375) mL/hr = 10 micrograms/kg/min
Dopamine, central	1-20 microgram/kg/min	15 mg/kg in 50 mL D5, D10 or NS	1mL/hr =5 microgram/kg/min
Dobutamine, peripheral (<5kg)	1-20 microgram/kg/min	15 mg/kg in 50 mL D5, D10 or NS	1mL/hr =5 microgram/kg/min
Dobutamine, peripheral (=/>5kg)	1-20 microgram/kg/min	80 mg in 50 mL D5, D10 or NS	(Weight x 0.375) mL/hr = 10 micrograms / kg/ min
Dobutamine, central	1-20 microgram/kg/min	15 mg/kg in 50 mL D5, D10 or NS	1mL/hr = 5 microgram/kg/min
Adrenaline, central	0.01 - 1 microgram/kg/min	0.3 mg/kg in 50 mL D5, D10 or NS	1 mL/hr = 0.1 microgram/kg/min
Noradrenaline, central	0.01 - 1 microgram/kg/min	0.3 mg/kg in 50 mL D5, D/S	1 mL/hr = 0.1 microgram/kg/min
Prostaglandin E1 (alprostadil)	5 - 20 nanogram/kg/min	50 micrograms in 50 mL D5, D10, NS	(Weight x 0.3) mL / hr = 5 nanograms/kg/min
Prostaglandin E2 (dinoprostone)	5 - 20 nanogram/kg/min	50 micrograms in 50 mL D5, D10, NS	(Weight x 0.3) mL / hr = 5 nanograms/kg/min
Salbutamol, peripheral	1 - 2 micrograms/kg/min	10 mg in 50mL D5 or NS	(Weight x 0.3) mL /hr = 1 microgram/kg/min
Salbutamol, central	1 - 2 micrograms/kg/min	25 mg in 50mL D5 or NS	(Weight x 0.12) mL /hr = 1 microgram/kg/min
Aminophylline	0.5 - 1 mg/kg/hr	500 mg in 500mL D5	1 mL/kg/hr = 1mg/kg/hr
Insulin for DKA (weight <20kg)	0.1 units/kg/hour	2.5 units/kg in 50mL D5, D10 or NS	2 mL/hr = 0.1 units/kg/hr
Insulin for DKA (weight =/>20kg)	0.1 units/kg/hour	50 units in 50mL D5, D10 or NS	(Weight /10) mL/hr = 0.1 units/kg/hr

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