



**Paediatrics**

**Neonates**

\* delete as appropriate

Infusion Drugs	Concentration	Amount in syringe	Dose range	Infusion rate	Prescribers signature	Made up by	Time / date	Started / Disposed
Morphine	standard	2.5mg in 50 mls total	10-40 micrograms/kg/hour	Wt (kg) x 0.2 as ml/hr = 10 micrograms/kg/hour				
Adrenaline	Central	standard	0.1-1 micrograms/kg/min	Wt (kg) x 0.1 as ml/hr = 0.1 micrograms/kg/min				
Dopamine	standard	60mg in 50 mls total	5-20 micrograms/kg/min	Wt (kg) x 0.25 as ml/hr = 5 micrograms/kg/min				
Dobutamine	Ideally via central line	standard	5-20 micrograms/kg/min	Wt (kg) x 0.25 as ml/hr = 5 micrograms/kg/min				
Morphine	1 mg/kg (maximum 50mg)	= mg in 50mls total	20-80 micrograms/kg/hour	1 ml/hr = 20micrograms/kg/hour				
Midazolam	<40kg: 6mg/kg	= mg in 50mls total	120-360 micrograms/kg/hour	*1 ml/hr = 120 micrograms/kg/hour				
Rocuronium	<10kg	*50mg in 25mls total	300-600 micrograms/kg/hour	*0.15ml/kg/hr = 300 micrograms/kg/hour				
Ketamine	standard	50mg in 50 mls	10-45 micrograms/kg/min	0.6 ml/kg/hr = 10 micrograms/kg/min				
Dopamine	Peripheral	<10kg:6mg/kg	2-20 micrograms/kg/min	*1 ml/hr = 2 micrograms/kg/min				
Dopamine	Central	15 mg/kg	2-20 micrograms/kg/min	1 ml/hr = 5 micrograms/kg/min				
Dobutamine	Peripheral	<10kg:3mg/kg	2-20 micrograms/kg/min	*1 ml/hr = 1 micrograms/kg/min				
Dobutamine	Central	15 mg/kg	0.1-1.5 micrograms/kg/min	1 ml/hr = 0.1 micrograms/kg/min				
Noradrenaline	Central unless extreme circumstances	0.3 mg/kg	0.1-1 micrograms/kg/min	1 ml/hr = 0.1 micrograms/kg/min				
Salbutamol	standard	10mg in 50mls total	1-5 micrograms /kg/min	Wt (kg) x 0.3 as ml/hr = 1 micrograms/kg/min				
Salbutamol	Central	concentrated	1-5 micrograms /kg/min	0.06ml/kg/hr = 1 microgram/kg/min				
Milrinone	Peripheral	standard	500-750 nanograms/kg/min	0.15ml/kg/hr = 500 nanograms/kg/min				

Name: Date of Birth: Embrace number: NHS number: Weight:

\* delete as appropriate

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Alprostadi (Prostaglandin E1)	standard	300micrograms in 50mls total	5-100nanograms/kg/min	Wt (kg) x 0.1 as ml/hr = 10 nanograms/kg/min				
Atracurium	*NEAT	*250mg in 25mls	0.5-1mg/kg/hour	*0.05 ml/kg/hr = 0.5mg/kg/hour				
A-line Heparin	standard	50 units in 50 mls NaCl 0.9%	0.5 - 1 unit/hr	0.5-1 ml/hr				

**Neonates**

Resuscitation Drugs	Dose	Amount given	Date / time	Checked / given
Adrenaline	0.1 ml/kg = 10micrograms/kg			
Sodium Bicarbonate	1-2mmol/kg (2-4 mls/kg)			
Glucose	10%	2.5 ml/kg		

**Paediatrics**

Induction drugs	Dilute to:	Dose range	Dose prescribed	IV	Prescribers signature	Given by	Date / Times	Batch num-ber
Fentanyl	10 micrograms/ml	2 - 5 micrograms/kg						
Atracurium	2.5mg/ml	0.3 - 1 mg/kg						
Atropine	40 micrograms/ml	10 micrograms/kg						
Ketamine	10mg/ml	1-2mg/kg						
Propofol	10mg/ml	1-2 mg/kg						
Thiopentone	25mg/ml	1-5 mg/kg						
Atropine	400 micrograms/ml	20 micrograms/kg(min 100 micro-grams max 600micrograms)						
Rocuronium	10mg/ml	1mg/kg						
Atracurium	2.5 mg/ml	0.5-1 mg/kg						

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