

Weight 7 kg

Emergency

Adrenaline 1:10,000	0.7 ml	0.1ml/kg in cardiac arrest
Adrenaline Dilute/Light	0.7 ml	dilute 0.1ml/kg of 1:10,000 to 10ml NaCl
Atropine	140 mcg	20mcg/kg min 100mcg
Sodium Bicarbonate 8.4%	7 ml	1ml/kg (dilute to 14 ml using NaCl)
Calcium Gluconate 10%	3.5 ml	0.5ml/kg

Cardiovascular

Cardioversion (sync)	7 J	1J/kg use 2J/kg if fails
Shockable rhythm (async)	28 J	4J/kg
Adenosine	0.7 to 3.5 mg	100-500mcg/kg (see arrythmia guideline)
Amiodarone Load	35 mg	5mg/kg over 30 minutes or bolus in cardiac arrest
Tranexamic Acid	105 mg	15mg/kg

Respiratory

Magnesium Sulphate	280 mg	40mg/kg over 20 minutes
Salbutamol load	35 mcg	5 mcg/kg over 10 minutes
Hydrocortisone	28 mg	4mg/kg
Aminophylline load	35 mg	5mg/kg over 20 minutes
Adrenaline 1:1,000 nebulised	2.8 ml	0.4ml/kg 1:1,000 make to 5ml with NaCl
Dexamethasone	1.1 mg	0.15mg/kg

Neuro

Lorazepam	0.7 mg	0.1mg/kg
Midazolam Buccal	2.5 mg	dose banding
Phenytoin	140 mg	20mg/kg over 20 minutes
Phenobarbitone	140 mg	20mg/kg over 20 minutes
Paraldehyde PR	5.6 ml	0.8ml/kg ready mixed
2.7% or 3% NaCl	21 to 35 ml	3-5ml/kg
Mannitol 10%	35 ml	5ml/kg equivalent to 0.5mg/kg

Anaesthesia

Ketamine	7 to 14 mg	1-2mg/kg
Thiopentone	14 to 35 mg	2-5mg/kg
Rocuronium	7 mg	1mg/kg
Vecuronium	0.7 mg	0.1mg/kg
Pancuronium	0.7 mg	0.1mg/kg
Suxamethonium	10.5 mg	1.5mg/kg

Anaphylaxis

Adrenaline 1:1,000 IM	0.15 ml	Dose banding
Chlorphenamine	2.5 mg	Dose Banding

Infusions

Peripheral Adrenaline	0.21 mg in 50ml of 0.9% NaCl or 5% Glucose
10 ml / hr =	0.1 mcg/kg/min (5 - 50 ml/hr = 0.05 - 0.5mcg/kg/min)
Central Adrenaline	2.1 mg in 50ml of 0.9% NaCl or 5% Glucose
1 ml / hr =	0.1 mcg/kg/min (0.5 - 5 ml/hr = 0.05 - 0.5mcg/kg/min)
Peripheral Amiodarone	75 mg in 50ml of 5% Glucose
1.4 ml / hr =	5 mcg/kg/min (1.4 - 5.6 ml/hr = 5-20 mcg/kg/min)
Central Amiodarone	150 mg in 50ml of 5% Glucose
0.7 ml / hr =	5 mcg/kg/min (0.7 - 2.8 ml/hr = 5-20 mcg/kg/min)
Aminophylline	250 mg in 250 ml of 0.9% NaCl or 5% Glucose
7 ml / hr =	1 mg/kg/hr (3.5 - 7 ml/hr = 0.5 - 1 mg/kg/hr)
Dinoprostone (Prostin E2)	0 mcg in 50ml of 5% or 10% Glucose
0 ml / hr =	0 ng/kg/min Only used in neonates = 5 - 50 ng/kg/min)
Peripheral Dopamine	10.5 mg in 50ml of 0.9% NaCl or 5% Glucose
20 ml / hr =	10 mcg/kg/min (4 - 20 ml/hr = 2 - 10mcg/kg/min)
Central Dopamine	105 mg in 50ml of 0.9% NaCl or 5% Glucose
2 ml / hr =	10 mcg/kg/min (0.4 - 2 ml/hr = 2 - 10mcg/kg/min)
Isoprenaline	2 mg in 50ml of 0.9% NaCl or 5% Glucose
1.1 ml / hr =	0.1 mcg/kg/min (0.2 - 10.5 ml/hr = 0.02 - 1mcg/kg/min)
Midazolam	7 mg in 50ml of 0.9% NaCl or 5% Glucose
1 ml / hr =	20 mcg/kg/hr (0.5 - 5 ml/hr = 10 - 100 mcg/kg/hr)
Milrinone	10 mg in 50ml of 0.9% NaCl or 5% Glucose
1.1 ml / hr =	0.5 mcg/kg/min (0.8 - 1.6 ml/hr = 0.375 - 0.75 mcg/kg/min)
Morphine	7 mg in 50ml of 0.9% NaCl or 5% Glucose
1 ml / hr =	20 mcg/kg/hr (0.5 - 2.5 ml/hr = 10 - 50 mcg/kg/hr)
Noradrenaline	2.1 mg in 50ml of 0.9% NaCl or 5% Glucose
1 ml / hr =	0.1 mcg/kg/min (0.5 - 5 ml/hr = 0.05 - 0.5mcg/kg/min)
Phenylephrine	10 mg in 100ml of 0.9% NaCl or 5% Glucose
0.4 ml / hr =	0.1 mcg/kg/min (0.4 - 2 ml/hr = 0.1-0.5 mcg/kg/min)
Propofol 1% (neat)	200 mg in 20 ml neat solution (for short term use)
1 ml / hr =	1.43 mg/kg/hr (0.7 - 2.8 ml/hr = 1-4 mg/kg/hr)
Salbutamol	10 mg in 50ml of 0.9% NaCl or 5% Glucose
2.1 ml / hr =	1 mcg/kg/min (1.1 - 4.4 ml/hr = 0.5 - 2 mcg/kg/min)
Vasopressin (Argipressin)	7 units in 50 ml of 0.9% NaCl or 5% Glucose
1 ml / hr =	0.02 units/kg/hr (0.5 - 6 ml/hr = 0.01-0.12 unis/kg/hr)