

Weight 4 kg

## Emergency

Adrenaline 1:10,000	0.4 ml	0.1ml/kg in cardiac arrest
Adrenaline Dilute/Light	0.4 ml	dilute 0.1ml/kg of 1:10,000 to 10ml NaCl
Atropine	100 mcg	20mcg/kg min 100mcg
Sodium Bicarbonate 8.4%	4 ml	1ml/kg (dilute to 8 ml using NaCl)
Calcium Gluconate 10%	2 ml	0.5ml/kg

## Cardiovascular

Cardioversion (sync)	4 J	1J/kg use 2J/kg if fails
Shockable rhythm (async)	16 J	4J/kg
Adenosine	0.4 to 2 mg	100-500mcg/kg (see arrythmia guideline)
Amiodarone Load	20 mg	5mg/kg over 30 minutes or bolus in cardiac arrest
Tranexamic Acid	60 mg	15mg/kg

## Respiratory

Magnesium Sulphate	160 mg	40mg/kg over 20 minutes
Salbutamol load	20 mcg	5 mcg/kg over 10 minutes
Hydrocortisone	16 mg	4mg/kg
Aminophylline load	20 mg	5mg/kg over 20 minutes
Adrenaline 1:1,000 nebulised	1.6 ml	0.4ml/kg 1:1,000 make to 5ml with NaCl
Dexamethasone	0.6 mg	0.15mg/kg

## Neuro

Lorazepam	0.4 mg	0.1mg/kg
Midazolam Buccal	1 mg	dose banding
Phenytoin	80 mg	20mg/kg over 20 minutes
Phenobarbitone	80 mg	20mg/kg over 20 minutes
Paraldehyde PR	3.2 ml	0.8ml/kg ready mixed
2.7% or 3% NaCl	12 to 20 ml	3-5ml/kg
Mannitol 10%	20 ml	5ml/kg equivalent to 0.5mg/kg

## Anaesthesia

Ketamine	4 to 8 mg	1-2mg/kg
Thiopentone	8 to 20 mg	2-5mg/kg
Rocuronium	4 mg	1mg/kg
Vecuronium	0.4 mg	0.1mg/kg
Pancuronium	0.4 mg	0.1mg/kg
Suxamethonium	6 mg	1.5mg/kg

## Anaphylaxis

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

<b>Peripheral Adrenaline</b>	0.12 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)
<b>Central Adrenaline</b>	1.2 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)
<b>Peripheral Amiodarone</b>	75 mg in 50ml of 5% Glucose
0.8 ml / hr =	5 mcg/kg/min (0.8 - 3.2 ml/hr = 5-20 mcg/kg/min)
<b>Central Amiodarone</b>	150 mg in 50ml of 5% Glucose
0.4 ml / hr =	5 mcg/kg/min (0.4 - 1.6 ml/hr = 5-20 mcg/kg/min)
<b>Aminophylline</b>	250 mg in 250 ml of 0.9% NaCl or 5% Glucose
4 ml / hr =	1 mg/kg/hr (2 - 4 ml/hr = 0.5 - 1 mg/kg/hr)
<b>Dinoprostone (Prostin E2)</b>	50 mcg in 50ml of 5% or 10% Glucose
1.2 ml / hr =	5 ng/kg/min (1.2 - 12 ml/hr = 5 - 50 ng/kg/min)
<b>Peripheral Dopamine</b>	6 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)
<b>Central Dopamine</b>	60 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)
<b>Isoprenaline</b>	1.2 mg in 50ml of 0.9% NaCl or 5% Glucose
1 ml / hr =	0.1 mcg/kg/min (0.2 - 10 ml/hr = 0.02 - 1mcg/kg/min)
<b>Midazolam</b>	4 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)
<b>Milrinone</b>	10 mg in 50ml of 0.9% NaCl or 5% Glucose
0.6 ml / hr =	0.5 mcg/kg/min (0.4 - 0.9 ml/hr = 0.375 - 0.75 mcg/kg/min)
<b>Morphine</b>	4 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)
<b>Noradrenaline</b>	1.2 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)
<b>Phenylephrine</b>	10 mg in 100ml of 0.9% NaCl or 5% Glucose
0.2 ml / hr =	0.1 mcg/kg/min (0.2 - 1 ml/hr = 0.1-0.5 mcg/kg/min)
<b>Propofol 1% (neat)</b>	200 mg in 20 ml neat solution (for short term use)
1 ml / hr =	2.5 mg/kg/hr (0.4 - 1.6 ml/hr = 1-4 mg/kg/hr)
<b>Salbutamol</b>	10 mg in 50ml of 0.9% NaCl or 5% Glucose
1.2 ml / hr =	1 mcg/kg/min (0.6 - 2.4 ml/hr = 0.5 - 2 mcg/kg/min)
<b>Vasopressin (Argipressin)</b>	4 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)

Infusions