

Enter age & weight and click calculate.
If weight unknown, enter age and click calculate
Some maximum doses reached - shown in red

Patient Sticker

Weight 32 kg

Emergency

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|-------------------------|---------|---|
| Adrenaline 1:10,000 | 3.2 ml | 0.1ml/kg in cardiac arrest |
| Adrenaline Dilute/Light | 3.2 ml | dilute 0.1ml/kg of 1:10,000 to 10ml NaCl |
| Atropine | 600 mcg | 20mcg/kg min 100mcg |
| Sodium Bicarbonate 8.4% | 32 ml | 1ml/kg (dilute to 64 ml using NaCl) |
| Calcium Gluconate 10% | 16 ml | 0.5ml/kg |

Cardiovascular

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|--------------------------|--------------|--|
| Cardioversion (sync) | 32 J | 1J/kg use 2J/kg if fails |
| Shockable rhythm (async) | 128 J | 4J/kg |
| Adenosine | 3.2 to 12 mg | 100-500mcg/kg (see arrhythmia guideline) |
| Amiodarone Load | 160 mg | 5mg/kg over 30 minutes or bolus in cardiac arrest |
| Tranexamic Acid | 480 mg | 15mg/kg |

Respiratory

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|------------------------------|---------|---|
| Magnesium Sulphate | 1280 mg | 40mg/kg over 20 minutes |
| Salbutamol load | 250 mcg | 15mcg/kg over 10 minutes |
| Hydrocortisone | 100 mg | 4mg/kg |
| Aminophylline load | 160 mg | 5mg/kg over 20 minutes |
| Adrenaline 1:1,000 nebulised | 5 ml | 0.4ml/kg 1:1,000 make to 5ml with NaCl |
| Dexamethasone | 4.8 mg | 0.15mg/kg |

Neuro

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|------------------|--------------|----------------------------------|
| Lorazepam | 3.2 mg | 0.1mg/kg |
| Midazolam Buccal | 7.5 mg | dose banding |
| Phenytoin | 640 mg | 20mg/kg over 20 minutes |
| Phenobarbitone | 640 mg | 20mg/kg over 20 minutes |
| Paraldehyde PR | 20 ml | 0.8ml/kg ready mixed |
| 2.7% or 3% NaCl | 96 to 160 ml | 3-5ml/kg |
| Mannitol 10% | 160 ml | 5ml/kg equivalent to 0.5mg/kg |

Anaesthesia

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|---------------|--------------|----------|
| Ketamine | 32 to 64 mg | 1-2mg/kg |
| Thiopentone | 64 to 160 mg | 2-5mg/kg |
| Rocuronium | 32 mg | 1mg/kg |
| Vecuronium | 3.2 mg | 0.1mg/kg |
| Pancuronium | 3.2 mg | 0.1mg/kg |
| Suxamethonium | 48 mg | 1.5mg/kg |

Anaphylaxis

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|-----------------------|--------|--------------|
| Adrenaline 1:1,000 IM | 0.3 ml | Dose banding |
| Chlorphenamine | 5 mg | Dose Banding |

| | |
|----------------------------------|--|
| Peripheral Adrenaline | 0.4 mg in 50ml of 0.9% NaCl or 5% Glucose |
| 24 ml / hr = | 0.1 mcg/kg/min (12 - 120 ml/hr = 0.05 - 0.5mcg/kg/min) |
| Central Adrenaline | 4 mg in 50ml of 0.9% NaCl or 5% Glucose |
| 2.4 ml / hr = | 0.1 mcg/kg/min (1.2 - 12 ml/hr = 0.05 - 0.5mcg/kg/min) |
| Peripheral Amiodarone | 75 mg in 50ml of 5% Glucose |
| 6.4 ml / hr = | 5 mcg/kg/min (6.4 - 25.6 ml/hr = 5-20 mcg/kg/min) |
| Central Amiodarone | 150 mg in 50ml of 5% Glucose |
| 3.2 ml / hr = | 5 mcg/kg/min (3.2 - 12.8 ml/hr = 5-20 mcg/kg/min) |
| Aminophylline | 500 mg in 500 ml of 0.9% NaCl or 5% Glucose |
| 16 ml / hr = | 0.5 mg/kg/hr (16 - 32 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 | 20 mg in 50ml of 0.9% NaCl or 5% Glucose |
| 48 ml / hr = | 10 mcg/kg/min (10 - 48 ml/hr = 2 - 10mcg/kg/min) |
| Central Dopamine | 200 mg in 50ml of 0.9% NaCl or 5% Glucose |
| 4.8 ml / hr = | 10 mcg/kg/min (1 - 4.8 ml/hr = 2 - 10mcg/kg/min) |
| Isoprenaline | 2 mg in 50ml of 0.9% NaCl or 5% Glucose |
| 4.8 ml / hr = | 0.1 mcg/kg/min (1 - 48 ml/hr = 0.02 - 1mcg/kg/min) |
| Midazolam | 32 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 |
| 4.8 ml / hr = | 0.5 mcg/kg/min (3.6 - 7.2 ml/hr = 0.375 - 0.75 mcg/kg/min) |
| Morphine | 32 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 | 4 mg in 50ml of 0.9% NaCl or 5% Glucose |
| 2.4 ml / hr = | 0.1 mcg/kg/min (1.2 - 12 ml/hr = 0.05 - 0.5mcg/kg/min) |
| Phenylephrine | 10 mg in 100ml of 0.9% NaCl or 5% Glucose |
| 1.9 ml / hr = | 0.1 mcg/kg/min (1.9 - 9.5 ml/hr = 0.1-0.5 mcg/kg/min) |
| Propofol 1% (neat) | 500 mg in 50 ml neat solution (for short term use) |
| 1 ml / hr = | 0.31 mg/kg/hr (3.2 - 12.8 ml/hr = 1-4 mg/kg/hr) |
| Salbutamol | 10 mg in 50ml of 0.9% NaCl or 5% Glucose |
| 9.6 ml / hr = | 1 mcg/kg/min (4.8 - 19.2 ml/hr = 0.5 - 2 mcg/kg/min) |
| Vasopressin (Argipressin) | 20 units in 20 ml of 0.9% NaCl or 5% Glucose |
| 3.2 ml / hr = | 0.1 units/kg/hr (0.3 - 3.6 ml/hr = 0.01-0.12 unis/kg/hr) |

Infusions