

SOUTHAMPTON OXFORD RETRIEVAL TEAM

Enter age & weight and click calculate.
If weight unknown, enter age and click calculate

Patient Sticker

Weight 5 kg

Emergency

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|-------------------------|---------|---|
| Adrenaline 1:10,000 | 0.5 ml | 0.1ml/kg in cardiac arrest |
| Adrenaline Dilute/Light | 0.5 ml | dilute 0.1ml/kg of 1:10,000 to 10ml NaCl |
| Atropine | 100 mcg | 20mcg/kg min 100mcg |
| Sodium Bicarbonate 8.4% | 5 ml | 1ml/kg (dilute to 10 ml using NaCl) |
| Calcium Gluconate 10% | 2.5 ml | 0.5ml/kg |

Cardiovascular

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| Cardioversion (sync) | 5 J | 1J/kg use 2J/kg if fails |
| Shockable rhythm (async) | 20 J | 4J/kg |
| Adenosine | 0.5 to 2.5 mg | 100-500mcg/kg (see arrythmia guideline) |
| Amiodarone Load | 25 mg | 5mg/kg over 30 minutes or bolus in cardiac arrest |
| Tranexamic Acid | 75 mg | 15mg/kg |

Respiratory

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|------------------------------|--------|---|
| Magnesium Sulphate | 200 mg | 40mg/kg over 20 minutes |
| Salbutamol load | 25 mcg | 5 mcg/kg over 10 minutes |
| Hydrocortisone | 20 mg | 4mg/kg |
| Aminophylline load | 25 mg | 5mg/kg over 20 minutes |
| Adrenaline 1:1,000 nebulised | 2 ml | 0.4ml/kg 1:1,000 make to 5ml with NaCl |
| Dexamethasone | 0.8 mg | 0.15mg/kg |

Neuro

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|------------------|-------------|----------------------------------|
| Lorazepam | 0.5 mg | 0.1mg/kg |
| Midazolam Buccal | 1.5 mg | dose banding |
| Phenytoin | 100 mg | 20mg/kg over 20 minutes |
| Phenobarbitone | 100 mg | 20mg/kg over 20 minutes |
| Paraldehyde PR | 4 ml | 0.8ml/kg ready mixed |
| 2.7% or 3% NaCl | 15 to 25 ml | 3-5ml/kg |
| Mannitol 10% | 25 ml | 5ml/kg equivalent to 0.5mg/kg |

Anaesthesia

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|---------------|-------------|----------|
| Ketamine | 5 to 10 mg | 1-2mg/kg |
| Thiopentone | 10 to 25 mg | 2-5mg/kg |
| Rocuronium | 5 mg | 1mg/kg |
| Vecuronium | 0.5 mg | 0.1mg/kg |
| Pancuronium | 0.5 mg | 0.1mg/kg |
| Suxamethonium | 7.5 mg | 1.5mg/kg |

Anaphylaxis

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|-----------------------|---------|--------------|
| Adrenaline 1:1,000 IM | 0.15 ml | Dose banding |
| Chlorphenamine | 1.25 mg | Dose Banding |

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| Peripheral Adrenaline | 0.15 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 | 1.5 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 ml / hr = | 5 mcg/kg/min (1 - 4 ml/hr = 5-20 mcg/kg/min) |
| Central Amiodarone | 150 mg in 50ml of 5% Glucose |
| 0.5 ml / hr = | 5 mcg/kg/min (0.5 - 2 ml/hr = 5-20 mcg/kg/min) |
| Aminophylline | 250 mg in 250 ml of 0.9% NaCl or 5% Glucose |
| 5 ml / hr = | 1 mg/kg/hr (2.5 - 5 ml/hr = 0.5 - 1 mg/kg/hr) |
| Dinoprostone (Prostin E2) | 50 mcg in 50ml of 5% or 10% Glucose |
| 1.5 ml / hr = | 5 ng/kg/min (1.5 - 15 ml/hr = 5 - 50 ng/kg/min) |
| Peripheral Dopamine | 7.5 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 | 75 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 | 1.5 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) |
| Midazolam | 5 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 |
| 0.8 ml / hr = | 0.5 mcg/kg/min (0.6 - 1.1 ml/hr = 0.375 - 0.75 mcg/kg/min) |
| Morphine | 5 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 | 1.5 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 |
| 0.3 ml / hr = | 0.1 mcg/kg/min (0.3 - 1.5 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 = | 2 mg/kg/hr (0.5 - 2 ml/hr = 1-4 mg/kg/hr) |
| Salbutamol | 10 mg in 50ml of 0.9% NaCl or 5% Glucose |
| 1.5 ml / hr = | 1 mcg/kg/min (0.8 - 3.2 ml/hr = 0.5 - 2 mcg/kg/min) |
| Vasopressin (Argipressin) | 5 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