

SOUTHAMPTON OXFORD RETRIEVAL TEAM

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

Age Weight kg

Patient Sticker

Emergency

Adrenaline 1:10,000	ml	0.1ml/kg in cardiac arrest
Adrenaline Dilute/Light	ml	
Atropine	mcg	20mcg/kg min 100mcg
Sodium Bicarbonate 8.4%	ml	
Calcium Gluconate 10%	ml	0.5ml/kg

Cardiovascular

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

Respiratory

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

Neuro

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

Anaesthesia

Ketamine	to mg	1-2mg/kg
Thiopentone	to mg	2-5mg/kg
Rocuronium	mg	1mg/kg
Vecuronium	mg	0.1mg/kg
Pancuronium	mg	0.1mg/kg
Suxamethonium	mg	1.5mg/kg

Anaphylaxis

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

Peripheral Adrenaline

mg in 50ml of 0.9% NaCl or 5% Glucose
ml / hr = mcg/kg/min = 0.05 - 0.5mcg/kg/min

Central Adrenaline

mg in 50ml of 0.9% NaCl or 5% Glucose
ml / hr = mcg/kg/min = 0.05 - 0.5mcg/kg/min

Peripheral Amiodarone

mg in 50ml of 5% Glucose
ml / hr = mcg/kg/min = 5-20 mcg/kg/min

Central Amiodarone

mg in 50ml of 5% Glucose
ml / hr = mcg/kg/min = 5-20 mcg/kg/min

Aminophylline

mg in ml of 0.9% NaCl or 5% Glucose
ml / hr = mg/kg/hr = 0.5 - 1 mg/kg/hr

Dinoprostone (Prostin E2)

mcg in 50ml of 5% or 10% Glucose
ml / hr = ng/kg/min = 5 - 50 ng/kg/min

Peripheral Dopamine

mg in 50ml of 0.9% NaCl or 5% Glucose
ml / hr = mcg/kg/min = 2 - 10mcg/kg/min

Central Dopamine

mg in 50ml of 0.9% NaCl or 5% Glucose
ml / hr = mcg/kg/min = 2 - 10mcg/kg/min

Isoprenaline

mg in 50ml of 0.9% NaCl or 5% Glucose
ml / hr = mcg/kg/min = 0.02 - 1mcg/kg/min

Midazolam

mg in 50ml of 0.9% NaCl or 5% Glucose
ml / hr = mcg/kg/hr = 10 - 100 mcg/kg/hr

Milrinone

mg in 50ml of 0.9% NaCl or 5% Glucose
ml / hr = mcg/kg/min = 0.375 - 0.75 mcg/kg/min

Morphine

mg in 50ml of 0.9% NaCl or 5% Glucose
ml / hr = mcg/kg/hr = 10 - 50 mcg/kg/hr

Noradrenaline

mg in 50ml of 0.9% NaCl or 5% Glucose
ml / hr = mcg/kg/min = 0.05 - 0.5mcg/kg/min

Phenylephrine

mg in 100ml of 0.9% NaCl or 5% Glucose
ml / hr = mcg/kg/min = 0.1-0.5 mcg/kg/min

Propofol 1% (neat)

mg in ml neat solution (for short term use)
ml / hr = mg/kg/hr = 1-4 mg/kg/hr

Salbutamol

mg in 50ml of 0.9% NaCl or 5% Glucose
ml / hr = mcg/kg/min = 0.5 - 2 mcg/kg/min

Vasopressin (Argipressin)

units in ml of 0.9% NaCl or 5% Glucose
ml / hr = units/kg/hr = 0.01-0.12 unis/kg/hr

Infusions