SOUTHAMPTON OXFORD RETRIEVAL TEAM

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

Patient Sticker

Weight 2.5 kg

Emergency

Adrenaline 1:10,000	0.3 ml	0.1ml/kg in cardiac arrest
Adrenaline Dilute/Light	0.3 ml	dilute 0.1ml/kg of 1:10,000 to 10ml NaCl
Atropine	100 mcg	20mcg/kg min 100mcg
Sodium Bicarbonate 8.4%	2.5 ml	1ml/kg (dilute to5 ml using NaCl)
Calcium Gluconate 10%	1.3 ml	0.5ml/kg

Cardiovascular

Cardioversion (sync)	3 J	1J/kg use 2J/kg if fails
Shockable rhythm (async)	10 J	4J/kg
Adenosine	0.3 to 1.3 mg	100-500mcg/kg (see arrythmia guideline)
Amiodarone Load	12.5 mg	5mg/kg over 30 minutes or bolus in cardiac arrest
Tranexamic Acid	37.5 mg	15mg/kg

Respiratory

Magnesium Sulphate	100 mg	40mg/kg over 20 minutes
Salbutamol load	12.5 mcg	5 mcg/kg over 10 minutes
Hydrocortisone	10 mg	4mg/kg
Aminophylline load	12.5 mg	5mg/kg over 20 minutes
Adrenaline 1:1,000 nebulised	1 ml	0.4ml/kg 1:1,000 make to 5ml with NaCl
Dexamethasone	0.4 mg	0.15mg/kg

Neuro

Lorazepam	0.3 mg	0.1mg/kg
Midazolam Buccal	0.8 mg	dose banding
Phenytoin	50 mg	20mg/kg over 20 minutes
Phenobarbitone	50 mg	20mg/kg over 20 minutes
Paraldehyde PR	2 ml	0.8ml/kg ready mixed
2.7% or 3% NaCl	7.5 to 12.5 ml	3-5ml/kg
Mannitol 10%	12.5 ml	5ml/kg eqivalent to 0.5mg/kg

Anaesthesia

Ketamine	2.5 to 5 mg	1-2mg/kg
Thiopentone	5 to 12.5 mg	2-5mg/kg
Rocuronium	2.5 mg	1mg/kg
Vecuronium	0.3 mg	0.1mg/kg
Pancuronium	0.3 mg	0.1mg/kg
Suxamethonium	3.8 mg	1.5mg/kg

Anaphylaxis

Adrenaline 1:1,000 IM	0.15 ml	Dose banding
Chlorphenamine	0.63 mg	Dose Banding

Infusions

Peripheral Adrenaline 0.08 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 0.8 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
0.5 ml / hr = 5 mcg/kg/min (0.5 - 2 ml/hr = 5-20 mcg/kg/min)

Central Amiodarone 150 mg in 50ml of 5% Glucose
0.3 ml / hr = 5 mcg/kg/min (0.2 - 0.8 ml/hr = 5-20 mcg/kg/min)

Aminophylline 0 mg in 0 ml of 0.9% NaCl or 5% Glucose
0 ml / hr = 0 mg/kg/hr Not used in neonates = 0.5 - 1 mg/kg/hr)

Dinoprostone (Prostin E2) 50 mcg in 50ml of 5% or 10% Glucose
0.8 ml / hr = 5 ng/kg/min (0.8 - 7.5 ml/hr = 5 - 50 ng/kg/min)

Peripheral Dopamine 3.8 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 37.5 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 0.8 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 = 40 mcg/kg/hr (0.2 - 2 ml/hr = 10 - 100 mcg/kg/hr)

Milrinone 10 mg in 50ml of 0.9% NaCl or 5% Glucose
0.4 ml / hr = 0.5 mcg/kg/min (0.3 - 0.6 ml/hr = 0.375 - 0.75 mcg/kg/min)

Morphine 5 mg in 50ml of 0.9% NaCl or 5% Glucose
1 ml / hr = 40 mcg/kg/hr (0.2 - 1.2 ml/hr = 10 - 50 mcg/kg/hr)

Noradrenaline 0.8 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
0.2 ml / hr = 0.1 mcg/kg/min (0.1 - 0.5 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 = 4 mg/kg/hr (0.2 - 0.8 ml/hr =1-4 mg/kg/hr)

Salbutamol 0 mg in 50ml of 0.9% NaCl or 5% Glucose
0 ml / hr = 0 mcg/kg/min Not used in neonates = 0.5 - 2 mcg/kg/min)

Vasopressin (Argipressin) 2.5 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)

Compatible with Adobe Acrobat Reader & Internet Explorer
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