

BIRTH



Average
Weight
3.5kg



Heart
Rate
110-160



Respiration
Rate
30-40



Systolic
Blood
Pressure
70-90

AIRWAY

Oropharyngeal Airway: 000

**Endotracheal Tube: 3.0mm (Diameter)
10cm (Length)**

Laryngeal Mask: 1

CARDIAC ARREST – DEFIBRILLATION

Manual Defibrillation 13 Joules

Automatic External Defibrillation – Paediatric attenuation device if available

CARDIAC ARREST – DRUGS

DRUGS	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE	N/A	N/A	N/A	N/A
AMIODARONE	N/A	N/A	N/A	N/A

FLUID

	VOLUME	ROUTE
BOLUS OF CRYSTALLOID	70ml	IV/IO

DRUG	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE – ANAPHYLAXIS	N/A	N/A	N/A	N/A
ATROPINE – BRADYCARDIA	100mcg 100mcg 100mcg	100mcg/ml 200mcg/ml 600mcg/ml	1.0ml 0.50ml 0.17ml	IV/IO IV/IO IV/IO
BENZYL PENICILLIN	300 milligrams 300 milligrams	600 milligrams in 9.6ml 600 milligrams in 1.6ml	5.0ml 1.0ml	IV/IO IM
DIAZEMULS	N/A	N/A	N/A	N/A
DIAZEPAM – repeat once ONLY	2.5 milligrams	2.5 milligrams in 2.5ml	1 x 2.5ml tube	PR
GLUCAGON	0.1 milligrams	1 milligram per vial	0.1 vial	IM
GLUCOSE 10%	1.8g	0.1gml=10%	18.0ml	IV/IO
HYDROCORTISONE	N/A	N/A	N/A	N/A
IPRATROPIUM	N/A	N/A	N/A	N/A
MORPHINE	N/A	N/A	N/A	N/A
MORPHINE (ORAL)	N/A	N/A	N/A	N/A
NALOXONE (NOTE: cautions)				
First dose	200mcg	400mcg/ml	0.50ml	IM ONLY
Subsequent doses	N/A	N/A	N/A	N/A
PARACETAMOL	N/A	N/A	N/A	N/A
SALBUTAMOL	2.5 milligrams	2.5 milligrams in 2.5ml	2.5ml	Neb

**1
MONTH**



Average
Weight
4.4kg



Heart
Rate
110-160



Respiration
Rate
30-40



Systolic
Blood
Pressure
70-90

AIRWAY

Oropharyngeal Airway: 00

**Endotracheal Tube: 3.0mm (Diameter)
10cm (Length)**

Laryngeal Mask: 1.0

CARDIAC ARREST – DEFIBRILLATION

Manual Defibrillation 20 Joules

Automatic External Defibrillation – Paediatric attenuation device if available

CARDIAC ARREST – DRUGS

DRUGS	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE	44 micrograms (all doses)	1:10,000	0.44ml	IV/IO
AMIODARONE	21 milligrams	300 milligrams in 10mls	0.7ml	IV/IO

FLUID

	VOLUME	ROUTE
BOLUS OF CRYSTALLOID	90ml	IV/IO

DRUG	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE – ANAPHYLAXIS repeat once ONLY	50mcg	1:1,000	0.05ml	IM
ATROPINE – BRADYCARDIA	100mcg 100mcg 100mcg	100mcg/ml 200mcg/ml 600mcg/ml	1.0ml 0.50ml 0.17ml	IV/IO IV/IO IV/IO
BENZYL PENICILLIN	300 milligrams 300 milligrams	600 milligrams in 9.6ml 600 milligrams in 1.6ml	5.0ml 1.0ml	IV/IO IM
DIAZEMULS	1.3 milligrams	5 milligrams/ml emulsion	0.26ml	IV/IO
DIAZEPAM – repeat once ONLY	2.5 milligrams	2.5 milligrams in 2.5ml	1 x 2.5ml tube	PR
GLUCAGON	500mcg	1 milligram per vial	0.5 vial	IM
GLUCOSE 10%	2.2g	0.1g/ml=10%	22.0ml	IV/IO
HYDROCORTISONE	18 milligrams	100 milligrams in 1ml	0.18ml	IV/IO
IPRATROPIUM	125mcg	500mcg in 2ml	0.50ml-1.0ml	Neb
MORPHINE	N/A	N/A	N/A	N/A
MORPHINE (ORAL)	N/A	N/A	N/A	N/A
NALOXONE (NOTE: cautions) First dose Subsequent doses	44mcg 440mcg	400mcg/ml 400mcg/ml	0.11ml 1.1ml	IV/IO IV/IO
PARACETAMOL	88 milligrams	various preparations	—	Oral
SALBUTAMOL	2.5 milligrams	2.5 milligrams in 2.5ml	2.5ml	Neb

3
MONTHSAverage
Weight
6kgHeart
Rate
110-160Respiration
Rate
30-40Systolic
Blood
Pressure
70-90**AIRWAY****Oropharyngeal Airway: 00****Endotracheal Tube: 3.5mm (Diameter)
11cm (Length)****Laryngeal Mask: 1.5****CARDIAC ARREST – DEFIBRILLATION****Manual Defibrillation 25 Joules****Automatic External Defibrillation** – Paediatric attenuation device if available**CARDIAC ARREST – DRUGS**

DRUGS	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE	60mcg (all doses)	1:10,000	0.60ml	IV/IO
AMIODARONE	30 milligrams	300 milligrams in 10mls	1.0ml	IV/IO

FLUID

	VOLUME	ROUTE
BOLUS OF CRYSTALLOID	120ml	IV/IO

DRUG	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE – ANAPHYLAXIS repeat once ONLY	50mcg	1:1,000	0.05ml	IM
ATROPINE – BRADYCARDIA	120mcg 120mcg 120mcg	100mcg/ml 200mcg/ml 600mcg/ml	1.2ml 0.60ml 0.20ml	IV/IO IV/IO IV/IO
BENZYL PENICILLIN	300 milligrams 300 milligrams	600 milligrams in 9.6ml 600 milligrams in 1.6ml	5.0ml 1.0ml	IV/IO IM
DIAZEMULS	1.8 milligrams	5 milligrams/ml emulsion	0.36ml	IV/IO
DIAZEPAM – repeat once ONLY	2.5 milligrams	2.5 milligrams in 2.5ml	1 x 2.5ml tube	PR
GLUCAGON	0.5 milligrams	1 milligram per vial	0.5 vial	IM
GLUCOSE 10%	3.0g	0.1g/ml=10%	30.0ml	IV/IO
HYDROCORTISONE	24 milligrams	100 milligrams in 1ml	0.24ml	IV/IO
IPRATROPIUM	125-250mcg	500mcg in 2ml	0.50ml-1.0ml	Neb
MORPHINE	N/A	N/A	N/A	N/A
MORPHINE (ORAL)	N/A	N/A	N/A	N/A
NALOXONE (NOTE: cautions) First dose Subsequent doses	60mcg 600mcg	400mcg/ml 400mcg/ml	0.15ml 1.5ml	IV/IO IV/IO
PARACETAMOL	(60-62.5mg)- (120-125mg)	various preparations	—	Oral
SALBUTAMOL	2.5 milligrams	2.5 milligrams in 2.5ml	2.5ml	Neb

6
MONTHS



Average
Weight
7.8kg



Heart
Rate
110-160



Respiration
Rate
30-40



Systolic
Blood
Pressure
70-90

AIRWAY

Oropharyngeal Airway: 00

**Endotracheal Tube: 4.0mm (Diameter)
12cm (Length)**

Laryngeal Mask: 1.5

CARDIAC ARREST – DEFIBRILLATION

Manual Defibrillation 40 Joules

Automatic External Defibrillation – Paediatric attenuation device if available

CARDIAC ARREST – DRUGS

DRUGS	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE	80mcg (all doses)	1:10,000	0.80ml	IV/IO
AMIODARONE	39 milligrams	300 milligrams in 10mls	1.3ml	IV/IO

FLUID

	VOLUME	ROUTE
BOLUS OF CRYSTALLOID	160ml	IV/IO

DRUG	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE – ANAPHYLAXIS repeat once ONLY	120mcg	1:1,000	0.12ml	IM
ATROPINE – BRADYCARDIA	156mcg 156mcg 156mcg	100mcg/ml 200mcg/ml 600mcg/ml	1.6ml 0.78ml 0.26ml	IV/IO IV/IO IV/IO
BENZYL PENICILLIN	300 milligrams 300 milligrams	600 milligrams in 9.6ml 600 milligrams in 1.6ml	5.0ml 1.0ml	IV/IO IM
DIAZEMULS	2.3 milligrams	5 milligrams/ml emulsion	0.46ml	IV/IO
DIAZEPAM – repeat once ONLY	2.5 milligrams	2.5 milligrams in 2.5ml	1 x 2.5ml tube	PR
GLUCAGON	0.5 milligrams	1 milligram per vial	0.5 vial	IM
GLUCOSE 10%	3.9g	0.1g/ml=10%	39.0ml	IV/IO
HYDROCORTISONE	31 milligrams	100 milligrams in 1ml	0.31ml	IV/IO
IPRATROPIUM	125-250mcg	500mcg in 2ml	0.50ml-1.0ml	Neb
MORPHINE	N/A	N/A	N/A	N/A
MORPHINE (ORAL)	N/A	N/A	N/A	N/A
NALOXONE (NOTE: cautions) First dose Subsequent doses	78mcg 800mcg	400mcg/ml 400mcg/ml	0.19ml 2.0ml	IV/IO IV/IO
PARACETAMOL	(60-62.5mg)- (120-125mg)	various preparations	—	Oral
SALBUTAMOL	2.5 milligrams	2.5 milligrams in 2.5ml	2.5ml	Neb

9
MONTHSAverage
Weight
8.9kgHeart
Rate
110-160Respiration
Rate
30-40Systolic
Blood
Pressure
70-90**AIRWAY****Oropharyngeal Airway: 00****Endotracheal Tube: 4.0mm (Diameter)
12cm (Length)****Laryngeal Mask: 1.5****CARDIAC ARREST – DEFIBRILLATION****Manual Defibrillation 40 Joules****Automatic External Defibrillation** – Paediatric attenuation device if available**CARDIAC ARREST – DRUGS**

DRUGS	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE	90mcg (all doses)	1:10,000	0.90ml	IV/IO
AMIODARONE	45 milligrams	300 milligrams in 10mls	1.5ml	IV/IO

FLUID

	VOLUME	ROUTE
BOLUS OF CRYSTALLOID	180ml	IV/IO

DRUG	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE – ANAPHYLAXIS repeat once ONLY	120mcg	1:1,000	0.12ml	IM
ATROPINE – BRADYCARDIA	178mcg 178mcg 178mcg	100mcg/ml 200mcg/ml 600mcg/ml	1.8ml 0.89ml 0.30ml	IV/IO IV/IO IV/IO
BENZYL PENICILLIN	300 milligrams 300 milligrams	600 milligrams in 9.6ml 600 milligrams in 1.6ml	5.0ml 1.0ml	IV/IO IM
DIAZEMULS	2.7 milligrams	5 milligrams/ml emulsion	0.53ml	IV/IO
DIAZEPAM – repeat once ONLY	2.5 milligrams	2.5 milligrams in 2.5ml	1 x 2.5ml tube	PR
GLUCAGON	0.5 milligrams	1 milligram per vial	0.5 vial	IM
GLUCOSE 10%	4.5g	0.1g/ml=10%	45.0ml	IV/IO
HYDROCORTISONE	36 milligrams	100 milligrams in 1ml	0.36ml	IV/IO
IPRATROPIUM	125-250mcg	500mcg in 2ml	0.50ml-1.0ml	Neb
MORPHINE	N/A	N/A	N/A	N/A
MORPHINE (ORAL)	N/A	N/A	N/A	N/A
NALOXONE (NOTE: cautions) First dose Subsequent doses	88mcg 880mcg	400mcg/ml 400mcg/ml	0.22ml 2.2ml	IV/IO IV/IO
PARACETAMOL	(60-62.5mg)- (120-125mg)	various preparations	—	Oral
SALBUTAMOL	2.5 milligrams	2.5 milligrams in 2.5ml	2.5ml	Neb

**12
MONTHS**



Average
Weight
9.8kg



Heart
Rate
110-150



Respiration
Rate
25-35



Systolic
Blood
Pressure
80-95

AIRWAY

Oropharyngeal Airway: 00 or 0

**Endotracheal Tube: 4.5mm (Diameter)
13cm (Length)**

Laryngeal Mask: 1.5

CARDIAC ARREST – DEFIBRILLATION

Manual Defibrillation 40 Joules

Automatic External Defibrillation – Paediatric attenuation device if available

CARDIAC ARREST – DRUGS

DRUGS	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE	100mcg (all doses)	1:10,000	1.0ml	IV/IO
AMIODARONE	51 milligrams	300 milligrams in 10mls	1.7ml	IV/IO

FLUID

	VOLUME	ROUTE
BOLUS OF CRYSTALLOID	200ml	IV/IO

DRUG	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE – ANAPHYLAXIS repeat once ONLY	120mcg	1:1,000	0.12ml	IM
ATROPINE – BRADYCARDIA	196mcg 196mcg 196mcg	100mcg/ml 200mcg/ml 600mcg/ml	2.0ml 0.98ml 0.33ml	IV/IO IV/IO IV/IO
BENZYL PENICILLIN	600 milligrams 600 milligrams	600 milligrams in 9.6ml 600 milligrams in 1.6ml	10.0ml 2.0ml	IV/IO IM
DIAZEMULS	3.0 milligrams	5 milligrams/ml emulsion	0.59ml	IV/IO
DIAZEPAM – repeat once ONLY	5 milligrams	5 milligrams in 2.5ml	1 x 5ml tube	PR
GLUCAGON	0.5 milligrams	1 milligram per vial	0.5 vial	IM
GLUCOSE 10%	4.9g	0.1g/ml=10%	49.0ml	IV/IO
HYDROCORTISONE	39 milligrams	100 milligrams in 1ml	0.39ml	IV/IO
IPRATROPIUM	125-250mcg	500mcg in 2ml	0.50ml-1.0ml	Neb
MORPHINE	0.98-2.0 mg	10 milligrams in 10ml	0.98ml-2.0ml	IV/IO
MORPHINE (ORAL)	1.96 milligrams	10 milligrams in 5ml	0.98ml	Oral
NALOXONE (NOTE: cautions) First dose Subsequent doses	100mcg 1000mcg	400mcg/ml 400mcg/ml	0.25ml 2.5ml	IV/IO IV/IO
PARACETAMOL	(120-125mg)- (240-250mg)	various preparations	—	Oral
SALBUTAMOL	2.5 milligrams	2.5 milligrams in 2.5ml	2.5ml	Neb

18
MONTHSAverage
Weight
11.1kgHeart
Rate
100-150Respiration
Rate
25-35Systolic
Blood
Pressure
80-95**AIRWAY****Oropharyngeal Airway: 00 or 0****Endotracheal Tube: 4.5mm (Diameter)
13cm (Length)****Laryngeal Mask: 2.0****CARDIAC ARREST – DEFIBRILLATION****Manual Defibrillation 50 Joules****Automatic External Defibrillation** – Paediatric attenuation device if available**CARDIAC ARREST – DRUGS**

DRUGS	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE	110mcg (all doses)	1:10,000	1.1ml	IV/IO
AMIODARONE	57 milligrams	300 milligrams in 10mls	1.9ml	IV/IO

FLUID

	VOLUME	ROUTE
BOLUS OF CRYSTALLOID	220ml	IV/IO

DRUG	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE – ANAPHYLAXIS repeat once ONLY	120mcg	1:1,000	0.12ml	IM
ATROPINE – BRADYCARDIA	222mcg 222mcg 222mcg	100mcg/ml 200mcg/ml 600mcg/ml	2.2ml 1.1ml 0.37ml	IV/IO IV/IO IV/IO
BENZYL PENICILLIN	600 milligrams 600 milligrams	600 milligrams in 9.6ml 600 milligrams in 1.6ml	10.0ml 2.0ml	IV/IO IM
DIAZEMULS	3.3 milligrams	5 milligrams/ml emulsion	0.66ml	IV/IO
DIAZEPAM – repeat once ONLY	5 milligrams	5 milligrams in 2.5ml	1 x 5ml tube	PR
GLUCAGON	0.5 milligrams	1 milligram per vial	0.5 vial	IM
GLUCOSE 10%	5.6g	0.1g/ml=10%	56.0ml	IV/IO
HYDROCORTISONE	45 milligrams	100 milligrams in 1ml	0.45ml	IV/IO
IPRATROPIUM	125-250mcg	500mcg in 2ml	1.0ml	Neb
MORPHINE	1.1-2.2mg	10 milligrams in 10ml	1.1-2.2ml	IV/IO
MORPHINE (ORAL)	2 milligrams	10 milligrams in 5ml	1.0ml	Oral
NALOXONE (NOTE: cautions) First dose Subsequent doses	112mcg 1120mcg	400mcg/ml 400mcg/ml	0.28ml 2.8ml	IV/IO IV/IO
PARACETAMOL	(120-125mg)- (240-250mg)	various preparations	—	Oral
SALBUTAMOL	2.5 milligrams	2.5 milligrams in 2.5ml	2.5ml	Neb

**2
YEARS**



Average
Weight
12.2kg



Heart
Rate
95-140



Respiration
Rate
25-30



Systolic
Blood
Pressure
80-100

AIRWAY

Oropharyngeal Airway: 0 or 1

**Endotracheal Tube: 5mm (Diameter)
14cm (Length)**

Laryngeal Mask: 2.0

CARDIAC ARREST – DEFIBRILLATION

Manual Defibrillation 50 Joules

Automatic External Defibrillation – Paediatric attenuation device if available

CARDIAC ARREST – DRUGS

DRUGS	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE	120mcg (all doses)	1:10,000	1.2ml	IV/IO
AMIODARONE	60 milligrams	300 milligrams in 10mls	2.0ml	IV/IO

FLUID

	VOLUME	ROUTE
BOLUS OF CRYSTALLOID	240ml	IV/IO

DRUG	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE – ANAPHYLAXIS repeat once ONLY	120mcg	1:1,000	0.12ml	IM
ATROPINE – BRADYCARDIA	244mcg 244mcg 244mcg	100mcg/ml 200mcg/ml 600mcg/ml	2.4ml 1.2ml 0.41ml	IV/IO IV/IO IV/IO
BENZYL PENICILLIN	600 milligrams 600 milligrams	600 milligrams in 9.6ml 600 milligrams in 1.6ml	10.0ml 2.0ml	IV/IO IM
DIAZEMULS	3.7 milligrams	5 milligrams/ml emulsion	0.73ml	IV/IO
DIAZEPAM – repeat once ONLY	5 milligrams	5 milligrams in 2.5ml	1 x 5ml tube	PR
GLUCAGON	0.5 milligrams	1 milligram per vial	0.5 vial	IM
GLUCOSE 10%	6.1g	0.1g/ml=10%	61.0ml	IV/IO
HYDROCORTISONE	49 milligrams	100 milligrams in 1ml	0.49ml	IV/IO
IPRATROPIUM	250mcg	500mcg in 2ml	1.0ml	Neb
MORPHINE	1.2-2.4mg	10 milligrams in 10ml	1.2ml-2.4ml	IV/IO
MORPHINE (ORAL)	2.4 milligrams	10 milligrams in 5ml	1.2ml	Oral
NALOXONE (NOTE: cautions) First dose Subsequent doses	124mcg 1240mcg	400mcg/ml 400mcg/ml	0.31ml 3.1ml	IV/IO IV/IO
PARACETAMOL	(120-125mg)- (240-250mg)	various preparations	—	Oral
SALBUTAMOL	2.5 milligrams	2.5 milligrams in 2.5ml	2.5ml	Neb

3
YEARSAverage
Weight
14.4kgHeart
Rate
95-140Respiration
Rate
25-30Systolic
Blood
Pressure
80-100**AIRWAY****Oropharyngeal Airway: 1****Endotracheal Tube:** **5mm (Diameter)**
 14cm (Length)**Laryngeal Mask:** **2.0****CARDIAC ARREST – DEFIBRILLATION****Manual Defibrillation** **60 Joules****Automatic External Defibrillation** – Paediatric attenuation device if available**CARDIAC ARREST – DRUGS**

DRUGS	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE	150mcg (all doses)	1:10,000	1.5ml	IV/IO
AMIODARONE	72 milligrams	300 milligrams in 10mls	2.4ml	IV/IO

FLUID

	VOLUME	ROUTE
BOLUS OF CRYSTALLOID	280ml	IV/IO

DRUG	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE – ANAPHYLAXIS repeat once ONLY	120mcg	1:1,000	0.12ml	IM
ATROPINE – BRADYCARDIA	288mcg 288mcg 288mcg	100mcg/ml 200mcg/ml 600mcg/ml	2.9ml 1.4ml 0.48ml	IV/IO IV/IO IV/IO
BENZYL PENICILLIN	600 milligrams 600 milligrams	600 milligrams in 9.6ml 600 milligrams in 1.6ml	10.0ml 2.0ml	IV/IO IM
DIAZEMULS	4.3 milligrams	5 milligrams/ml emulsion	0.86ml	IV/IO
DIAZEPAM – repeat once ONLY	5 milligrams	5 milligrams in 2.5ml	1 x 5ml tube	PR
GLUCAGON	0.5 milligrams	1 milligram per vial	0.5 vial	IM
GLUCOSE 10%	7.2g	0.1g/ml=10%	72.0ml	IV/IO
HYDROCORTISONE	57 milligrams	100 milligrams in 1ml	0.57ml	IV/IO
IPRATROPIUM	250mcg	500mcg in 2ml	1.0ml	Neb
MORPHINE	1.4-2.9mg	10 milligrams in 10ml	1.4-2.9ml	IV/IO
MORPHINE (ORAL)	2.8 milligrams	10 milligrams in 5ml	1.4ml	Oral
NALOXONE (NOTE: cautions) First dose Subsequent doses	144mcg 1440mcg	400mcg/ml 400mcg/ml	0.36ml 3.6ml	IV/IO IV/IO
PARACETAMOL	(120-125mg)- (240-250mg)	various preparations	—	Oral
SALBUTAMOL	2.5 milligrams	2.5 milligrams in 2.5ml	2.5ml	Neb

**4
YEARS**



Average
Weight
16.4kg



Heart
Rate
95-140



Respiration
Rate
25-30



Systolic
Blood
Pressure
80-100

AIRWAY

Oropharyngeal Airway: 1

**Endotracheal Tube: 5mm (Diameter)
15cm (Length)**

Laryngeal Mask: 2.0

CARDIAC ARREST – DEFIBRILLATION

Manual Defibrillation 70 Joules

Automatic External Defibrillation – Paediatric attenuation device if available

CARDIAC ARREST – DRUGS

DRUGS	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE	170mcg (all doses)	1:10,000	1.7ml	IV/IO
AMIODARONE	81 milligrams	300 milligrams in 10mls	2.7ml	IV/IO

FLUID

	VOLUME	ROUTE
BOLUS OF CRYSTALLOID	320ml	IV/IO

DRUG	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE – ANAPHYLAXIS repeat once ONLY	120mcg	1:1,000	0.12ml	IM
ATROPINE – BRADYCARDIA	328mcg 328mcg 328mcg	100mcg/ml 200mcg/ml 600mcg/ml	3.3ml 1.6ml 0.55ml	IV/IO IV/IO IV/IO
BENZYL PENICILLIN	600 milligrams 600 milligrams	600 milligrams in 9.6ml 600 milligrams in 1.6ml	10.0ml 2.0ml	IV/IO IM
DIAZEMULS	4.9 milligrams	5 milligrams/ml emulsion	0.98ml	IV/IO
DIAZEPAM – repeat once ONLY	5 milligrams	5 milligrams in 2.5ml	1 x 5ml tube	PR
GLUCAGON	0.5 milligrams	1 milligram per vial	0.5 vial	IM
GLUCOSE 10%	8.2g	0.1g/ml=10%	82.0ml	IV/IO
HYDROCORTISONE	66 milligrams	100 milligrams in 1ml	0.66ml	IV/IO
IPRATROPIUM	250mcg	500mcg in 2ml	1.0ml	Neb
MORPHINE	1.6-3.3mg	10 milligrams in 10ml	1.6ml-3.3ml	IV/IO
MORPHINE (ORAL)	3.2 milligrams	10 milligrams in 5ml	1.6ml	Oral
NALOXONE (NOTE: cautions) First dose Subsequent doses	164mcg 1640mcg	400mcg/ml 400mcg/ml	0.41ml 4.1ml	IV/IO IV/IO
PARACETAMOL	(120-125mg)- (240-250mg)	various preparations	—	Oral
SALBUTAMOL	2.5 milligrams	2.5 milligrams in 2.5ml	2.5ml	Neb

5
YEARSAverage
Weight
18.5kgHeart
Rate
80+120Respiration
Rate
20-25Systolic
Blood
Pressure
90-100**AIRWAY****Oropharyngeal Airway: 1****Endotracheal Tube: 5.5mm (Diameter)
15cm (Length)****Laryngeal Mask: 2.0****CARDIAC ARREST – DEFIBRILLATION****Manual Defibrillation 70 Joules****Automatic External Defibrillation** – Paediatric attenuation device if available**CARDIAC ARREST – DRUGS**

DRUGS	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE	190mcg (all doses)	1:10,000	1.9ml	IV/IO
AMIODARONE	93 milligrams	300 milligrams in 10mls	3.1ml	IV/IO

FLUID

	VOLUME	ROUTE
BOLUS OF CRYSTALLOID	370ml	IV/IO

DRUG	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE – ANAPHYLAXIS repeat once ONLY	120mcg	1:1,000	0.12ml	IM
ATROPINE – BRADYCARDIA	370mcg 370mcg 370mcg	100mcg/ml 200mcg/ml 600mcg/ml	3.7ml 1.9ml 0.62ml	IV/IO IV/IO IV/IO
BENZYL PENICILLIN	600 milligrams 600 milligrams	600 milligrams in 9.6ml 600 milligrams in 1.6ml	10.0ml 2.0ml	IV/IO IM
DIAZEMULS	5.5 milligrams	5 milligrams/ml emulsion	1.1ml	IV/IO
DIAZEPAM – repeat once ONLY	5 milligrams	5 milligrams in 2.5ml	1 x 5ml tube	PR
GLUCAGON	0.5 milligrams	1 milligram per vial	0.5 vial	IM
GLUCOSE 10%	9.3g	0.1g/ml=10%	93.0ml	IV/IO
HYDROCORTISONE	74 milligrams	100 milligrams in 1ml	0.74ml	IV/IO
IPRATROPIUM	250mcg	500mcg in 2ml	1.0ml	Neb
MORPHINE	1.9-3.7mg	10 milligrams in 10ml	1.9-3.7ml	IV/IO
MORPHINE (ORAL)	3.8 milligrams	10 milligrams in 5ml	1.9ml	Oral
NALOXONE (NOTE: cautions) First dose Subsequent doses	184mcg 1840mcg	400mcg/ml 400mcg/ml	0.46ml 4.6ml	IV/IO IV/IO
PARACETAMOL	(120-125mg)- (240-250mg)	various preparations	—	Oral
SALBUTAMOL	2.5 milligrams	2.5 milligrams in 2.5ml	2.5ml	Neb

**6
YEARS**



Average
Weight
20.6kg



Heart
Rate
80-120



Respiration
Rate
20-25



Systolic
Blood
Pressure
80-110

AIRWAY

Oropharyngeal Airway: 1

Endotracheal Tube: **6mm (Diameter)**
 16cm (Length)

Laryngeal Mask: **2.5**

CARDIAC ARREST – DEFIBRILLATION

Manual Defibrillation **80 Joules**

Automatic External Defibrillation – Paediatric attenuation device if available

CARDIAC ARREST – DRUGS

DRUGS	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE	200mcg (all doses)	1:10,000	2.0ml	IV/IO
AMIODARONE	102 milligrams	300 milligrams in 10mls	3.4ml	IV/IO

FLUID

	VOLUME	ROUTE
BOLUS OF CRYSTALLOID	400ml	IV/IO

DRUG	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE – ANAPHYLAXIS repeat once ONLY	250mcg	1:1,000	0.25ml	IM
ATROPINE – BRADYCARDIA	412mcg 412mcg 412mcg	100mcg/ml 200mcg/ml 600mcg/ml	4.1ml 2.1ml 0.69ml	IV/IO IV/IO IV/IO
BENZYL PENICILLIN	600 milligrams 600 milligrams	600 milligrams in 9.6ml 600 milligrams in 1.6ml	10.0ml 2.0ml	IV/IO IM
DIAZEMULS	6.3 milligrams	5 milligrams/ml emulsion	1.3ml	IV/IO
DIAZEPAM – repeat once ONLY	10 milligrams	10 milligrams in 2.5ml	1 x 10ml tube	PR
GLUCAGON	0.5 milligrams	1 milligram per vial	0.5 vial	IM
GLUCOSE 10%	10.3g	0.1g/ml=10%	103.0ml	IV/IO
HYDROCORTISONE	82 milligrams	100 milligrams in 1ml	0.82ml	IV/IO
IPRATROPIUM	250mcg	500mcg in 2ml	1.0ml	Neb
MORPHINE	2.1-4.1mg	10 milligrams in 10ml	2.1ml-4.1ml	IV/IO
MORPHINE (ORAL)	4.2 milligrams	10 milligrams in 5ml	2.1ml	Oral
NALOXONE (NOTE: cautions) First dose Subsequent doses	208mcg 2080mcg	400mcg/ml 400mcg/ml	0.52ml 5.2ml	IV/IO IV/IO
PARACETAMOL	(400-500mg)	various preparations	—	Oral
SALBUTAMOL	5 milligrams	5 milligrams in 2.5ml	2.5ml	Neb

7
YEARSAverage
Weight
23kgHeart
Rate
80-120Respiration
Rate
20-25Systolic
Blood
Pressure
90-110**AIRWAY****Oropharyngeal Airway: 1 or 2****Endotracheal Tube:** **6mm (Diameter)**
 16cm (Length)**Laryngeal Mask:** **2.5****CARDIAC ARREST – DEFIBRILLATION****Manual Defibrillation** **90 Joules****Automatic External Defibrillation** – Paediatric attenuation device if available**CARDIAC ARREST – DRUGS**

DRUGS	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE	230mcg (all doses)	1:10,000	2.3ml	IV
AMIODARONE	114 milligrams	300 milligrams in 10mls	3.8ml	IV

FLUID

	VOLUME	ROUTE
BOLUS OF CRYSTALLOID	460ml	IV

DRUG	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE – ANAPHYLAXIS repeat once ONLY	250mcg	1:1,000	0.25ml	IM
ATROPINE – BRADYCARDIA	460mcg 460mcg 460mcg	100mcg/ml 200mcg/ml 600mcg/ml	4.6ml 2.3ml 0.77ml	IV IV IV
BENZYL PENICILLIN	600 milligrams 600 milligrams	600 milligrams in 9.6ml 600 milligrams in 1.6ml	10.0ml 2.0ml	IV IM
DIAZEMULS	7.0 milligrams	5 milligrams/ml emulsion	1.4ml	IV
DIAZEPAM – repeat once ONLY	10 milligrams	10 milligrams in 2.5ml	1 x 10ml tube	PR
GLUCAGON	0.5 milligrams	1 milligram per vial	0.5 vial	IM
GLUCOSE 10%	11.5g	0.1g/ml=10%	115.0ml	IV
HYDROCORTISONE	92 milligrams	100 milligrams in 1ml	0.92ml	IV
IPRATROPIUM	250mcg	500mcg in 2ml	1.0ml	Neb
MORPHINE	2.3-4.6mg	10 milligrams in 10ml	2.3ml-4.6ml	IV
MORPHINE (ORAL)	4.6 milligrams	10 milligrams in 5ml	2.3ml	Oral
NALOXONE (NOTE: cautions) First dose Subsequent doses	232mcg 2320mcg	400mcg/ml 400mcg/ml	0.58ml 5.8ml	IV IV
PARACETAMOL	480-500mg	various preparations	—	Oral
SALBUTAMOL	5 milligrams	5 milligrams in 2.5ml	2.5ml	Neb

**8
YEARS**



Average
Weight
25.8kg



Heart
Rate
80-120



Respiration
Rate
20-25



Systolic
Blood
Pressure
90-110

AIRWAY

Oropharyngeal Airway: 1 or 2

Endotracheal Tube: **6.5mm (Diameter)**
 17cm (Length)

Laryngeal Mask: **2.5**

CARDIAC ARREST – DEFIBRILLATION

Manual Defibrillation **100 Joules**

Automatic External Defibrillation – Paediatric attenuation device if available

CARDIAC ARREST – DRUGS

DRUGS	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE	260mcg (all doses)	1:10,000	2.6ml	IV
AMIODARONE	129 milligrams	300 milligrams in 10mls	4.3ml	IV

FLUID

	VOLUME	ROUTE
BOLUS OF CRYSTALLOID	500ml	IV

DRUG	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE – ANAPHYLAXIS repeat once ONLY	250mcg	1:1,000	0.25ml	IM
ATROPINE – BRADYCARDIA	516mcg	100mcg/ml	5.2ml	IV
	516mcg	200mcg/ml	2.6ml	IV
	516mcg	600mcg/ml	0.86ml	IV
BENZYL PENICILLIN	600 milligrams	600 milligrams in 9.6ml	10.0ml	IV
	600 milligrams	600 milligrams in 1.6ml	2.0ml	IM
DIAZEMULS	7.8 milligrams	5 milligrams/ml emulsion	1.6ml	IV
DIAZEPAM – repeat once ONLY	10 milligrams	10 milligrams in 2.5ml	1 x 10ml tube	PR
GLUCAGON	1.0 milligrams	1 milligram per vial	1 vial	IM
GLUCOSE 10%	12.9g	0.1g/ml=10%	129.0ml	IV
HYDROCORTISONE	100 milligrams	100 milligrams in 1ml	1.0ml	IV
IPRATROPIUM	250mcg	500mcg in 2ml	1.0ml	Neb
MORPHINE	2.6-5.2mg	10 milligrams in 10ml	2.6ml-5.2ml	IV
MORPHINE (ORAL)	5.2 milligrams	10 milligrams in 5ml	2.6ml	Oral
NALOXONE (NOTE: cautions)				
First dose	260mcg	400mcg/ml	0.65ml	IV
Subsequent doses	2600mcg	400mcg/ml	6.5ml	IV
PARACETAMOL	480-500mg	various preparations	—	Oral
SALBUTAMOL	5 milligrams	5 milligrams in 2.5ml	2.5ml	Neb

9
YEARSAverage
Weight
28.6kgHeart
Rate
80-120Respiration
Rate
20-25Systolic
Blood
Pressure
90-110**AIRWAY****Oropharyngeal Airway: 1 or 2****Endotracheal Tube:** 6.5mm (Diameter)
17cm (Length)**Laryngeal Mask:** 2.5**CARDIAC ARREST – DEFIBRILLATION****Manual Defibrillation 120 Joules****Automatic External Defibrillation** – Paediatric attenuation device if available**CARDIAC ARREST – DRUGS**

DRUGS	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE	290mcg (all doses)	1:10,000	2.9ml	IV
AMIODARONE	144 milligrams	300 milligrams in 10mls	4.8ml	IV

FLUID

	VOLUME	ROUTE
BOLUS OF CRYSTALLOID	580ml	IV

DRUG	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE – ANAPHYLAXIS repeat once ONLY	250mcg	1:1,000	0.25ml	IM
ATROPINE – BRADYCARDIA	572mcg	100mcg/ml	5.7ml	IV
	572mcg	200mcg/ml	2.9ml	IV
	572mcg	600mcg/ml	0.95ml	IV
BENZYL PENICILLIN	1.2g	600 milligrams in 9.6ml	20.0ml	IV
	1.2g	600 milligrams in 1.6ml	4.0ml	IM
DIAZEMULS	8.58 milligrams	5 milligrams/ml emulsion	1.7ml	IV
DIAZEPAM – repeat once ONLY	10 milligrams	10 milligrams in 2.5ml	1 x 10ml tube	PR
GLUCAGON	1.0 milligrams	1 milligram per vial	1 vial	IM
GLUCOSE 10%	14.3g	0.1g/ml=10%	143.0ml	IV
HYDROCORTISONE	110 milligrams	100 milligrams in 1ml	1.1ml	IV
IPRATROPIUM	250mcg	500mcg in 2ml	1.0ml	Neb
MORPHINE	2.9-5.7mg	10 milligrams in 10ml	2.9ml-5.7ml	IV
MORPHINE (ORAL)	5.8 milligrams	10 milligrams in 5ml	2.9ml	Oral
NALOXONE (NOTE: cautions)				
First dose	288mcg	400mcg/ml	0.72ml	IV
Subsequent doses	2880mcg	400mcg/ml	7.2ml	IV
PARACETAMOL	480-500mg	various preparations	—	Oral
SALBUTAMOL	5 milligrams	5 milligrams in 2.5ml	2.5ml	Neb

**10
YEARS**



Average
Weight
31.8kg



Heart
Rate
80-120



Respiration
Rate
20-25



Systolic
Blood
Pressure
90-110

AIRWAY

Oropharyngeal Airway: 2 or 3

Endotracheal Tube: **7mm (Diameter)**
 18cm (Length)

Laryngeal Mask: **3**

CARDIAC ARREST – DEFIBRILLATION

Manual Defibrillation 130 Joules

Automatic External Defibrillation – Paediatric attenuation device if available

CARDIAC ARREST – DRUGS

DRUGS	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE	320mcg (all doses)	1:10,000	3.2ml	IV
AMIODARONE	159 milligrams	300 milligrams in 10mls	5.3ml	IV

FLUID

	VOLUME	ROUTE
BOLUS OF CRYSTALLOID	640ml	IV

DRUG	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE – ANAPHYLAXIS repeat once ONLY	250mcg	1:1,000	0.25ml	IM
ATROPINE – BRADYCARDIA	600mcg	100mcg/ml	6.0ml	IV
	600mcg	200mcg/ml	3.0ml	IV
	600mcg	600mcg/ml	1.0ml	IV
BENZYL PENICILLIN	1.2g	600 milligrams in 9.6ml	20.0ml	IV
	1.2g	600 milligrams in 1.6ml	4.0ml	IM
DIAZEMULS	9.5 milligrams	5 milligrams/ml emulsion	1.9ml	IV
DIAZEPAM – repeat once ONLY	10 milligrams	10 milligrams in 2.5ml	1 x 10ml tube	PR
GLUCAGON	1.0 milligrams	1 milligram per vial	1 vial	IM
GLUCOSE 10%	15.9g	0.1g/ml=10%	159.0ml	IV
HYDROCORTISONE	130 milligrams	100 milligrams in 1ml	1.3ml	IV
IPRATROPIUM	250mcg	500mcg in 2ml	1.0ml	Neb
MORPHINE	3.2-6.4mg	10 milligrams in 10ml	3.2ml-6.4ml	IV
MORPHINE (ORAL)	6.4 milligrams	10 milligrams in 5ml	3.2ml	Oral
NALOXONE (NOTE: cautions)				
First dose	320mcg	400mcg/ml	0.8ml	IV
Subsequent doses	3200mcg	400mcg/ml	8.0ml	IV
PARACETAMOL	480-500mg	various preparations	—	Oral
SALBUTAMOL	5 milligrams	5 milligrams in 2.5ml	2.5ml	Neb

11
YEARSAverage
Weight
35.3kgHeart
Rate
80-120Respiration
Rate
20-25Systolic
Blood
Pressure
90-110**AIRWAY****Oropharyngeal Airway: 2 or 3****Endotracheal Tube:** 7.0mm (Diameter)
18cm (Length)**Laryngeal Mask:** 3**CARDIAC ARREST – DEFIBRILLATION****Manual Defibrillation 140 Joules****Automatic External Defibrillation** – Paediatric attenuation device if available**CARDIAC ARREST – DRUGS**

DRUGS	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE	350mcg (all doses)	1:10,000	3.5ml	IV
AMIODARONE	177 milligrams	300 milligrams in 10mls	5.9ml	IV

FLUID

	VOLUME	ROUTE
BOLUS OF CRYSTALLOID	700ml	IV

DRUG	DOSE	CONCENTRATION	VOLUME	ROUTE
ADRENALINE – ANAPHYLAXIS repeat once ONLY	250mcg	1:1,000	0.25ml	IM
ATROPINE – BRADYCARDIA	600mcg 600mcg 600mcg	100mcg/ml 200mcg/ml 600mcg/ml	6.0ml 3.0ml 1.0ml	IV IV IV
BENZYL PENICILLIN	1.2g 1.2g	600 milligrams in 9.6ml 600 milligrams in 1.6ml	20.0ml 4.0ml	IV IM
DIAZEMULS	11 milligrams	5 milligrams/ml emulsion	2.2ml	IV
DIAZEPAM – repeat once ONLY	10 milligrams	10 milligrams in 2.5ml	1 x 10ml tube	PR
GLUCAGON	1.0 milligrams	1 milligram per vial	1 vial	IM
GLUCOSE 10%	17.7g	0.1g/ml=10%	177.0ml	IV
HYDROCORTISONE	140 milligrams	100 milligrams in 1ml	1.4ml	IV
IPRATROPIUM	250mcg	500mcg in 2ml	1.0ml	Neb
MORPHINE	3.5-7.1mg	10 milligrams in 10ml	3.5ml-7.1ml	IV
MORPHINE (ORAL)	7 milligrams	10 milligrams in 5ml	3.5ml	Oral
NALOXONE (NOTE: cautions) First dose Subsequent doses	352mcg 3520mcg	400mcg/ml 400mcg/ml	0.88ml 8.8ml	IV IV
PARACETAMOL	480-500mg	various preparations	—	Oral
SALBUTAMOL	5 milligrams	5 milligrams in 2.5ml	2.5ml	Neb