

Gray**Weight 4 kg****Gray****HR 100 to 170****SBP 55 to 75****Resp 40 to 60****ET tube 3.5 mm uncuffed**

Medication	Dose per kg	Dose	Supplied as	ml to give
Adenosine (IV, avoid IO)	0.1 mg/kg	0.4 mg	3 mg/ml	0.1 ml Rapid
	Repeat 0.2 mg/kg	0.8 mg		0.3 ml Rapid
Albuterol (Nebulized)	N/A	2.5 mg	2.5 mg in 3 ml (0.083%) Premixed ampule	1 premixed ampules
Amiodarone IV/IO	5 mg/kg	20 mg	50 mg/ml	0.4 ml
	Repeat up to 15 mg/kg	Up to 60 mg		Up to 1.2 ml
Atropine IV/IO	0.02 mg/kg Repeat once	0.1 mg	0.1 mg/ml	1 ml
Bicarb 8.4% IV/IO	1 mEq/kg	4 mEq	1 mEq/ml	4 ml (slow IVP)
Calcium Cl 10% IV/IO	20 mg/kg	80 mg	100 mg/ml	0.8 ml Slowly
Charcoal, Activated PO (No sorbitol)	1 g/kg	4 g	25 g/120 ml	20 ml
D10W IV/IO	0.5 g/kg 5 ml/kg	20 ml	Dilute 4 ml D50W with 16 ml SW	20 ml
Diazepam IV/IO	0.2 mg/kg	0.8 mg	5 mg/ml	0.2 ml
Diazepam PR	0.5 mg/kg	2 mg	5 mg/ml	0.4 ml
Diphenhydramine PO	1 mg/kg	4 mg	12.5 mg/5 ml	1.6 ml
Diphenhydramine IV/IO/IM	1 mg/kg	4 mg	50 mg/ml	0.08 ml
Epinephrine 1:10,000 IV/IO	0.01 mg/kg	0.04 mg	0.1 mg/ml (1:10,000)	0.4 ml
Epinephrine 1:1000 (IM/SC)	0.01 mg/kg	0.04 mg	1 mg/ml (1:1000)	0.04 ml

Gray**Weight 4 kg****Gray****HR 100 to 170****SBP 55 to 75****Resp 40 to 60****ET tube 3.5 mm uncuffed**

Medication	Dose per kg	Dose	Supplied as	ml to give
Epinephrine (Racemic 2.25%) Nebulized	N/A	0.5 ml	0.5 ml Dilute in 3-5 ml NS and nebulize	0.5 ml
Flumazenil IV/IO	0.01 mg/kg	0.04 mg	0.1 mg/ml	0.4 ml
Fosphenytoin IV/IO/IM	20 mg PE/kg (PE= Phenytoin equivalents)	80 mg	50 mg PE/ml Dilute with NS and give or IV over 7 min Do NOT dilute for IM	1.6 ml (predilutional)
Furosemide IV/IO/IM	1 mg/kg	4 mg	10 mg/ml	0.4 ml
Keppra				
Lidocaine 2% IV/IO	1 mg/kg	4 mg	20 mg/ml	0.2 ml
Lorazepam IV/IO/IM	0.1 mg/kg	0.4 mg	2 mg/ml	0.2 ml
Magnesium Sulfate IV/IO	25-50 mg/kg	100-200 mg	500 mg/ml	0.2-0.4 ml Slowly
Mannitol 20% IV/IO	1 g/kg	4 gm	20 g/100 ml	20 ml
Midazolam IV/IO/IM	0.1 mg/kg	0.4 mg	1 mg/ml	0.4 ml
Naloxone IV/IO/IM/IN/ET	0.1 mg/kg	0.4 mg	0.4mg/ml Or 1 mg/ml	1ml or 0.4 ml
Phenobarbital IV/IO/IM	20 mg/kg	80 mg	130 mg/ml Dilute with NS Give over 20 min	0.6 ml
Phenytoin IV/IO	20 mg/kg	80 mg	50 mg/ml Dilute with NS Give over 20 min	1.6 ml (predilutional)

Gray**Weight 4 kg****Gray**

HR 100 to 170

SBP 55 to 75

Resp 40 to 60

ET tube 3.5 mm uncuffed

Medications for Rapid Sequence Intubation

Medication	Dose per kg	Dose	Supplied as	ml to give
INDUCTION AGENTS				
Etomidate	0.3 mg/kg	1.2 mg	2 mg/ml	0.6 ml
Ketamine	1-2 mg/kg	4-8 mg	50 mg/ml	0.08-0.16 ml
Midazolam	0.1 mg/kg	0.4 mg	1 mg/ml	0.4 ml
PARALYZING AGENTS				
Rocuronium	0.6 mg/kg	2.4 mg	10 mg/ml	0.24 ml
Succinylcholine	2 mg/kg	8 mg	20 mg/ml	0.4 ml
Vecuronium	0.1-0.2 mg/kg	0.4-0.8 mg	1 mg/ml 10 mg/vial mix with 10ml NS	0.4-0.8 ml

Fluid administration

Fluid bolus	80 ml	(20 ml/kg)
Blood	40 ml	(10 ml/kg)

Maintenance IV fluid
IV rate = 16 ml/hr

Electrical countershock**Defibrillation**

8 joules (2 j/kg)
Then 16 joules (4 j/kg)

Synchronized

2 joules (0.5 j/kg)
Then 4 joules (1 j/kg)