

Gray**Weight 5 kg****Gray****HR 100 to 160****SBP 70 to 85****Resp 35 to 55****ET tube 3.5 mm uncuffed**

Medication	Dose per kg	Dose	Supplied as	ml to give
Adenosine (IV, avoid IO)	0.1 mg/kg	0.5 mg	3 mg/ml	0.2 ml Rapid
	Repeat 0.2 mg/kg	1 mg		0.3 ml Rapid
Albuterol (Nebulized)	N/A	2.5mg	2.5 mg in 3 ml (0.083%) Premixed ampule	1 premixed ampules
Amiodarone IV/IO	5 mg/kg	25 mg	50 mg/ml	0.5 ml
	Repeat up to 15 mg/kg	Up to 75 mg		Up to 1.5 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	5 mEq	1 mEq/ml Give slowly	5 ml
Calcium Cl 10% IV/IO	20 mg/kg	100 mg	100 mg/ml	1 ml Slowly
Charcoal, Activated PO (No sorbitol)	1 g/kg	5 g	25 g/120 ml	25 ml
D10W IV/IO	0.5 g/kg 5 ml/kg	25 ml	Dilute 5 ml D50W with 20 ml SW	25 ml
Diazepam IV/IO	0.2 mg/kg	1 mg	5 mg/ml	0.2 ml
Diazepam PR	0.5 mg/kg	2.5 mg	5 mg/ml	0.5 ml
Diphenhydramine PO	1 mg/kg	5 mg	12.5 mg/5 ml	2 ml
Diphenhydramine IV/IO/IM	1 mg/kg	5 mg	50 mg/ml	0.1 ml
Epinephrine 1:10,000 IV/IO	0.01 mg/kg	0.05 mg	0.1 mg/ml (1:10,000)	0.5 ml

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Epinephrine 1:1000 (IM/SC)	0.01 mg/kg	0.05 mg	1 mg/ml (1:1000)	0.05 ml
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	0.05 mg	0.1 mg/ml	0.5 ml
Fosphenytoin IV/IO/IM	20 mg PE/kg (PE= Phenytoin Equivalents)	100 mg	50 mg PE/ml Dilute with NS and give IV over 7 min Do NOT dilute for IM	2 ml <i>(predilutional)</i>
Furosemide IV/IO/IM	1 mg/kg	5 mg	10 mg/ml	0.5 ml
Lidocaine 2% IV/IO	1 mg/kg	5 mg	20 mg/ml	0.25 ml
Lorazepam IV/IO/IM	0.1 mg/kg	0.5 mg	2 mg/ml	0.25 ml
Magnesium Sulfate IV/IO	25-50 mg/kg	125-250 mg	500 mg/ml	0.25-0.5 ml <i>Slowly</i>
Mannitol 20% IV/IO	1 g/kg	5 gm	20 g/100 ml	25 ml
Midazolam IV/IO/IM	0.1 mg/kg	0.5 mg	1 mg/ml	0.5 ml
Naloxone IV/IO/IM/IN/ET	0.1 mg/kg	0.5 mg	0.4 mg/ml or 1 mg/ml	1.25 ml Or 0.5 ml
Phenobarbital IV/IO/IM	20 mg/kg	100 mg	130 mg/ml Dilute with NS Give over 20 min	0.8 ml
Phenytoin IV/IO	20 mg/kg	100 mg	50 mg/ml Dilute with NS Give over 20 min	2 ml <i>(predilutional)</i>

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Medications for Rapid Sequence Intubation

Medication	Dose per kg	Dose	Supplied as	ml to give
INDUCTION AGENTS				
Etomidate	0.3 mg/kg	1.5 mg	2 mg/ml	0.8 ml
PARALYZING AGENTS				
Rocuronium	0.6 mg/kg	3 mg	10 mg/ml	0.3 ml
Succinylcholine	2 mg/kg	10 mg	20 mg/ml	0.5 ml
Vecuronium	0.1-0.2 mg/kg	0.5-1 mg	1 mg/ml 10mg/vial mix with 10mL NS	0.5-1 ml

Fluid administration

Fluid bolus **100 ml** (20 ml/kg)
Blood **50 ml** (10 ml/kg)

Maintenance IV fluid
IV rate = 20 ml/hr

Electrical countershock**Defibrillation**

10 joules (2 j/kg)
Then 20 joules (4 j/kg)

Synchronized

3 joules (0.5 j/kg)
Then 5 joules (1 j/kg)