

**Orange****Weight 24 kg****Orange****HR 70 to 115****SBP 105 to 114****Resp 20 to 24****ET tube 6 mm cuffed**

<b>Medication</b>	<b>Dose per kg</b>	<b>Dose</b>	<b>Supplied as</b>	<b>ml to give</b>
Adenosine (IV, avoid IO)	0.1 mg/kg	<b>2.4 mg</b>	3 mg/ml	<b>0.8 ml Rapid</b>
	Repeat 0.2 mg/kg	<b>4.8 mg</b>		<b>1.6 ml Rapid</b>
Albuterol (Nebulized)	N/A	<b>2.5-5 mg</b>	2.5 mg in 3 ml (0.083%) Premixed ampule	<b>1-2 premixed ampules</b>
Amiodarone IV/IO	5 mg/kg	<b>120 mg</b>	50 mg/ml	<b>2.4 ml</b>
	Repeat up to 15 mg/kg	<b>Up to 360 mg</b>		<b>Up to 7.2 ml</b>
Atropine IV/IO	0.02 mg/kg Repeat once	<b>0.48 mg</b>	0.1 mg/ml	<b>5 ml (max)</b>
Bicarb 8.4% IV/IO	1 mEq/kg	<b>24 mEq</b>	1 mEq/ml Give slowly	<b>24 ml</b>
Calcium Cl 10% IV/IO	20 mg/kg	<b>480 mg</b>	100 mg/ml	<b>4.8 ml Slowly</b>
Charcoal, Activated PO (No sorbitol)	1 g/kg	<b>24 g</b>	25 g/120 ml	<b>120 ml</b>
D50W IV/IO	1 g/kg 2 ml/kg	<b>48 ml</b>	D50W	<b>48 ml</b>
Diazepam IV/IO	0.2 mg/kg	<b>4.8 mg</b>	5 mg/ml	<b>1 ml (max)</b>
Diazepam PR	0.5 mg/kg	<b>10 mg (max)</b>	5 mg/ml	<b>2 ml (max)</b>
Diphenhydramine PO	1 mg/kg	<b>24 mg</b>	12.5 mg/5 ml po	<b>9.6 ml</b>
Diphenhydramine IV/IO/IM	1 mg/kg	<b>24 mg</b>	50 mg/ml	<b>0.5 ml</b>
Epinephrine 1:10,000 IV/IO	0.01 mg/kg	<b>0.24 mg</b>	0.1 mg/ml (1:10,000)	<b>2.4 ml</b>
Epinephrine 1:1000 (IM/SC)	0.01 mg/kg	<b>0.24 mg</b>	1 mg/ml (1:1000)	<b>0.24 ml</b>

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Epinephrine (Racemic 2.25%) Nebulized	N/A	<b>0.5 ml</b>	0.5 ml Dilute in 3-5 ml NS and nebulize	<b>0.5 ml</b>
Flumazenil IV/IO	0.01 mg/kg	<b>0.24 mg</b>	0.1 mg/ml	<b>2.4 ml</b>
Fosphenytoin IV/IO/IM	20 mg PE/kg (PE= Phenytoin Equivalents)	<b>480 mg</b>	50 mg PE/ml Dilute with NS and give IV over 7 min Do NOT dilute for IM	<b>9.6 ml</b> (predilutional)
Furosemide IV/IO/IM	1 mg/kg	<b>24 mg</b>	10 mg/ml	<b>2.4 ml</b>
Lidocaine 2% IV/IO	1 mg/kg	<b>24 mg</b>	20 mg/ml	<b>1.2 ml</b>
Lorazepam IV/IO/IM	0.1 mg/kg	<b>2 mg (max)</b>	2 mg/ml	<b>1 ml (max)</b>
Magnesium Sulfate IV/IO	25-50 mg/kg	<b>600 mg – 1.2 g</b>	500 mg/ml	<b>1.2-2.4 ml</b> Slowly
Mannitol 20% IV/IO	1 g/kg	<b>24 gm</b>	20 g/100 ml	<b>120 ml</b>
Midazolam IV/IO/IM	0.1 mg/kg	<b>2 mg (max)</b>	1 mg/ml	<b>2 ml (max)</b>
Naloxone IV/IO/IM/IN/ET	0.1 mg/kg	<b>2 mg (max)</b>	1 mg/ml	<b>2 ml (max)</b>
Phenobarbital IV/IO/IM	20 mg/kg	<b>480 mg</b>	130 mg/ml Dilute with NS Give over 20 min	<b>3.7 ml</b>
Phenytoin IV/IO	20 mg/kg	<b>480 mg</b>	50 mg/ml Dilute with NS Give over 20 min	<b>9.6 ml</b> (predilutional)
Procainamide IV/IO	15 mg/kg	<b>360 mg</b>	100 mg/ml	<b>3.6 ml</b>

**Medications for Rapid Sequence Intubation**

Medication	Dose per kg	Dose	Supplied as	ml to give
<b>INDUCTION AGENTS</b>				
Etomidate	0.3 mg/kg	<b>7.2 mg</b>	2 mg/ml	<b>3.6 ml</b>
<b>PARALYZING AGENTS</b>				
Rocuronium	0.6 mg/kg	<b>14.4 mg</b>	10 mg/ml	<b>1.4 ml</b>
Succinylcholine	1 mg/kg	<b>24 mg</b>	20 mg/ml	<b>1.2 ml</b>
Vecuronium	0.1-0.2 mg/kg	<b>2.4-4.8 mg</b>	1 mg/ml 10mg/vial mixed with 10mL NS	<b>2.4-4.8 ml</b>

**Fluid administration**

<b>Fluid bolus</b>	<b>480 ml</b>	(20 ml/kg)
<b>Blood</b>	<b>240 ml</b>	(10 ml/kg)
<b>Maintenance IV fluid</b>		
<b>IV rate = 64 ml/hr</b>		

**Electrical countershock**

<b>Defibrillation</b>	
<b>48 joules</b>	(2 j/kg)
<b>Then 96 joules</b>	(4 j/kg)
<b>Synchronized</b>	
<b>12 joules</b>	(0.5 j/kg)
<b>Then 24 joules</b>	(1 j/kg)