

Red**Weight 8 kg****Red****HR 100 to 160****SBP 88 to 92****Resp 24 to 38****ET tube 3.5 or 4 mm uncuffed**

| Medication | Dose per kg | Dose | Supplied as | ml to give |
|---|---------------------------|-------------------------|---|---------------------------|
| Adenosine (IV, avoid IO) | 0.1 mg/kg | 0.8 mg | 3 mg/ml | 0.3 ml Rapid |
| | Repeat 0.2 mg/kg | 1.6 mg | | 0.5 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 | 40 mg | 50 mg/ml | 0.8 ml |
| | Repeat up to 15 mg/kg | Up to 120 mg | | Up to 2.4 ml |
| Atropine IV/IO | 0.02 mg/kg Repeat once | 0.16 mg | 0.1 mg/ml | 1.6 ml |
| Bicarb 8.4% IV/IO | 1 mEq/kg | 8 mEq | 1 mEq/ml Give slowly | 8 ml |
| Calcium Cl 10% IV/IO | 20 mg/kg | 160 mg | 100 mg/ml | 1.6 ml Slowly |
| Charcoal, Activated PO (No sorbitol) | 1 g/kg | 8 g | 25 g/120 ml | 40 ml |
| D25W IV/IO | 1 g/kg 4 ml/kg | 32 ml | Dilute D50W 16 ml with SW 16 ml | 32 ml |
| Diazepam IV/IO | 0.2 mg/kg | 1.6 mg | 5 mg/ml | 0.3 ml |
| Diazepam PR | 0.5 mg/kg | 4 mg | 5 mg/ml | 0.8 ml |
| Diphenhydramine PO | 1 mg/kg | 8 mg | 12.5 mg/5 ml po | 3.2 ml |
| Diphenhydramine IV/IO/IM | 1 mg/kg | 8 mg | 50 mg/ml | 0.2 ml |
| Epinephrine 1:10,000 IV/IO | 0.01 mg/kg | 0.08 mg | 0.1 mg/ml (1:10,000) | 0.8 ml |
| Epinephrine 1:1000 (IM/SC) | 0.01 mg/kg | 0.08 mg | 1 mg/ml (1:1000) | 0.08 ml |

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|---------------------------------------|---|-----------------------|--|------------------------------------|
| 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 | 0.08 mg | 0.1 mg/ml | 0.8 ml |
| Fosphenytoin IV/IO/IM | 20 mg PE/kg (PE= Phenytoin Equivalents) | 160 mg | 50 mg PE/ml Dilute with NS and give IV over 7 min do NOT dilute for IM | 3.2 ml (predilutional) |
| Furosemide IV/IO/IM | 1 mg/kg | 8 mg | 10 mg/ml | 0.8 ml |
| Lidocaine 2% IV/IO | 1 mg/kg | 8 mg | 20 mg/ml | 0.4 ml |
| Lorazepam IV/IO/IM | 0.1 mg/kg | 0.8 mg | 2 mg/ml | 0.4 ml |
| Magnesium Sulfate IV/IO | 25-50 mg/kg | 200-400 mg | 500 mg/ml | 0.4-0.8 ml Slowly |
| Mannitol 20% IV/IO | 1 g/kg | 8 gm | 20 g/100 ml | 40 ml |
| Midazolam IV/IO/IM | 0.1 mg/kg | 0.8 mg | 1 mg/ml | 0.8 ml |
| Naloxone IV/IO/IM/IN/ET | 0.1 mg/kg | 0.8 mg | 0.4 mg/ml or 1 mg/ml | 2 ml Or 0.8 ml |
| Phenobarbital IV/IO/IM | 20 mg/kg | 160 mg | 130 mg/ml Dilute with NS Give over 20 min | 1.2 ml |
| Phenytoin IV/IO | 20 mg/kg | 160 mg | 50 mg/ml Dilute with NS Give over 20 min | 3.2 ml (predilutional) |
| Procainamide IV/IO | 15 mg/kg | 120 mg | 100 mg/ml | 1.2 ml |

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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 | 2.4 mg | 2 mg/ml | 1.2 ml |
| PARALYZING AGENTS | | | | |
| Rocuronium | 0.6 mg/kg | 4.8 mg | 10 mg/ml | 0.5 ml |
| Succinylcholine | 2 mg/kg | 16 mg | 20 mg/ml | 0.8 ml |
| Vecuronium | 0.1-0.2 mg/kg | 0.8-1.6 mg | 1 mg/ml 10mg/vial mixed with 10 mL NS | 0.8-1.6 ml |

Fluid administration

| | | |
|--------------------|---------------|------------|
| Fluid bolus | 160 ml | (20 ml/kg) |
| Blood | 80 ml | (10 ml/kg) |

Maintenance IV fluid
IV rate = 32 ml/hr

Electrical countershock

| | |
|-----------------------|------------|
| Defibrillation | |
| 16 joules | (2 j/kg) |
| Then 32 joules | (4 j/kg) |
| Synchronized | |
| 4 joules | (0.5 j/kg) |
| Then 8 joules | (1 j/kg) |