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| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **3 KG** | **4 KG** | **5 KG** |  | **3 KG** | **4 KG** | **5 KG** |
| **SEIZURE** | **FLUIDS** |
| Lorazepam 2 mg/mL | 0.3 mg (0.15 mL) | 0.4 mg (0.2 mL) | 0.5 mg (0.25 mL) | Volume Expansion |  |  |  |
| Dilute 1:1 with NS or D5W |
| Diazepam IV 5 mg/mL | 0.6 mg (0.12 ml) | 0.8 mg (0.16 mL) | 1 mg (0.2 mL) | Crystalloid (NS or LR Bolus) | 60 mL | 80 mL | 100 mL |
| Diazepam – RECTAL(Use diazepam IV 5 mg/mL) | 1.5 mg (0.3 mL) | 2 mg (0.4 mL) | 2.5 mg (0.5 mL) | Colloid/Packed RBC | 30 mL | 40 mL | 50 mL |
| Fosphenytoin Load 50 mg PE/mL | 60 mg PE (1.2 mL) | 80 mg PE (1.6 mL) | 100 mg PE (2 mL) | Maintenance |  |  |  |
| Dilute 1:1 with NS or D5W. Give over 10 minutes. |
| Phenobarbital Load 130 mg/mL | 60 mg (0.46 mL) | 80 mg (0.62 mL) | 100 mg (0.77 mL) | D5W + 1/2 NS + 20 mEq KCI/L | 12 mL/hr | 16 mL/hr | 20 mL/hr |
| Give over 30 minutes (Max 1 mg/kg/min) |  |
| **OVERDOSE** | **INFUSION** |
| Dextrose 10% | 1.5 g (15 mL) | 2 g (20 mL) | 2.5 g (25 mL) | **Standard Concentrations** |  |
| Naloxone 1 mg/mL | 0.3 mg (0.3 mL) | 0.4 mg (0.4 mL) | 0.5 mg (0.5 mL) | Dobutamine 2000 mCg/mL |  |
| Flumazenil 0.1 mg/mL | 0.03 mg (0.3 mL) | 0.04 mg (0.4 mL) | 0.05 mg (0.5 mL) | Dopamine 1600 mCg/mL |  |
| Glucagon 1 mg/mLBeta Blocker Overdose Hypoglycemia | 0.09 mg (0.09 mL)0.09 mg (0.09 mL) | 0.12 mg (0.12 mL)0.12 mg (0.12 mL) | 0.15 mg (0.15 mL)0.15 mg (0.15 mL) | Epinephrine 16 mCg/mL |  |  |
| Charcoal 12.5 g/60 mL **PO/NG** | 3 g (14.4 mL) | 4 g (19.2 mL) | 5 g (24 mL) | Lidocaine 4000 mCg/mL |  |  |
| **INTRACRANIAL PRESSURE** |  |  | Norepinephrine 16 mCg/mL |  |
| Mannitol 0.2 g/mL (20%) | 3 g (15 mL) | 4 g (20 mL) | 5 g (25 mL) | Vasopressin 0.2 Units/mL |  |
| Use **in-line filter**; give over 30 minutes |
| Furosemide 10 mg/mL | 3 mg (0.3 mL) | 4 mg (0.4 mL) | 5 mg (0.5 mL) |  |
| 3% Sodium Chloride | 15 mL | 20 mL | 25 mL |
| Give over 30 minutes |
| **Weight** | **ET Tube Insertion Length (Lip-Tip)** | **LMA** | **Foley** | **All Other Equipment:** |  |
| 3 kg | 9 – 9.5 cm | 1 | 5 F |
| 4 kg | 9.5 – 10 cm | 1 | 5 F | **Use Pink/Red Zone Equipment** |
| 5 kg | 10 – 10.5 cm | 1 | 5 F |

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| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **3 KG** | **4 KG** | **5 KG** |  | **3 KG** | **4 KG** | **5 KG** |
| **RESUSCITATION** |  |  |  | **RAPID SEQUENCE INTUBATION** |
| Epinephrine 1:10,000(0.1 mg/mL) | 0.03 mg (0.3 mL) | 0.04 mg (0.4 mL) | 0.05 mg (0.5 mL) | **PREMEDICATIONS** |  |  |
| Epinephrine **ET 1:1,000****(1 mg/mL)** | 0.3 mg (0.3 mL) | 0.4 mg (0.4 mL) | 0.5 mg (0.5 mL) | Atropine 0.1 mg/mL | 0.06 mg (0.6 mL) | 0.08 mg 0.8 mL) | 0.1 mg (1 mL) |
| Dilute in 3-5 mL NS for ET administration | Lidocaine 20 mg/mL (2%) | 4.5 mg (0.23 mL) | 6 mg (0.3 mL) | 7.5 mg (0.38 mL) |
| Atropine 0.1 mg/mL | 0.0.6 mg (0.6 mL) | 0.08 mg (0.8 mL) | 0.1 mg (1 mL) | Fentanyl 50 mCg/mL (Sympathetic attenuation) | 9 mCg (0.18 mL) | 12 mCg (0.24 mL) | 15 mCg (0.3 mL) |
| Atropine **ET 1 mg/mL** | 0.15 mg (0.15 mL) | 0.2 mg (0.2 mL) | 0.25 mg (0.25 mL) | **INDUCTION AGENTS** |  |  |
| Dilute in 3-5 ml NS for ET administration |
| Sodium bicarbonate **4.2%****(0.5 mEq/mL)** | 3 mEq (6 mL) | 4 mEq (8 mL) | 5 mEq (10 mL) | Etomidate 2 mg/mL | 0.9 mg (0.45 mL) | 1.2 mg (0.6 mL) | 1.5 mg (0.75 mL) |
| Lidocaine 20 mg/mL (2%) | 3 mg (0.15 mL) | 4 mg (0.2 mL) | 5 mg (0.25 mL) | Midazolam 1 mg/mL | 0.9 mg (0.9 mL) | 1.2 mg (1.2 mL) | 1.5 mg (1.5 mL) |
| Lidocaine **ET** 20 mg/mL (2%) | 6 mg (0.3 mL) | 8 mg (0.4 mL) | 10 (0.5 mL) | **PARALYTIC AGENTS** |  |  |  |
| Dilute in 3-5 ml NS for ET administration |
| Defibrillation 1st Dose2nd Dose (may repeat) | 6 J12 J | 8 J16 J | 10 J20 J | Succinylcholine 20 mg/mL (give atropine prior) | 6 mg (0.3 mL) | 8 mg (0.4 mL) | 10 mg (0.5 mL) |
| Cardioversion 1st Dose 2nd Dose | 3 J6 J | 4 J8 J | 5 J10 J | Pancuronium 1 mg/mL | 0.6 mg (0.6 mL) | 0.8 mg (0.8 mL) | 1 mg (1 mL) |
| Adenosine 3 mg/mL 1st Dose2nd Dose If Needed | 0.3 mg (0.1 mL)0.6 mg (0.2 mL) | 0.4 mg (0.13 mL)0.8 mg (0.27 mL) | 0.5 mg (0.17 mL)1 mg (0.33 mL) | Vecuronium 1 mg/mL (Dilute 10 mg vial with 10 mL NS or D5W) | 0.6 mg (0.6 mL) | 0.8 mg (0.8 mL) | 1 mg (1 mL) |
|  | Rapid IV push over 1-2 seconds and flush with NS 5-10 mL after dose | Rocuronium 10 mg/mL | 3.6 mg (0.36 mL) | 4.8mg (0.48 mL) | 6 mg (0.6 mL) |
|  | 15 mg (0.3 mL diluted with 6 mL of D5W) | 20 mg (0.4 mL diluted with 8 mL of D5W) | 25 mg (0.5 mL diluted with 10 mL of D5W) | **PARALYSIS MAINTENANCE/ SEDATION/ ANALGESIA** |
| Amiodarone 50 mg/mL |  |  |  |  |
| IV push (undiluted) for pulseless VT/VF, otherwise give diluted over 30 min using **in-line filter** |  |  |  |  |
|  | Pan/Vecuronium 1 mg/mL | 0.3 mg (0.3 mL) | 0.4 mg (0.4 mL) | 0.5 mg (0.5 mL) |
| Calcium Chloride 100 mg/mL | 60 mg (0.6 mL) | 80 mg (0.8 mL) | 100 mg (1 mL) | Lorazepam 2 mg/mL | 0.15 mg (0.08 mL) | 0.2 mg (0.1 mL) | 0.25 mg (0.13 mL) |
|  |  |  |  |  | Dilute 1:1 with NS or D5W |
| Magnesium Sulfate500 mg/mL | 150 mg (0.3 mL)Dilute with 4 mL of D5W | 200 mg (0.4 mL)Dilute with 5 mL of D5W | 250 mg (0.5 mL)Dilute with 6 mL of D5W | Midazolam 1 mg/mL | 0.15 mg (0.15 mL) | 0.2 mg (0.2 mL) | 0.25 mg (0.25 mL) |
| Fentanyl 50 mCg/mL | 3 mCg (0.06 mL) | 4 mCg (0.08 mL) | 5 mCg (0.1 mL) |
| **3 KG** |  | **4 KG** |  |  | **5 KG** |  |

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