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| --- | --- | --- | --- | --- | --- |
| **SEIZURE** | | | **FLUIDS** | | |
| Lorazepam 2 mg/mL | 1.1 mg (0.53 mL)  Dilute 1:1 with NS or D5W | | Volume Expansion | | |
| Diazepam IV 5 mg/mL | | 2.1 mg (0.42 mL) | Crystalloid (NS or LR Bolus) | | 210 mL |
| Diazepam – RECTAL  (Use IV diazepam 5 mg/mL) | | 5.3 mg (1.1 mL) | Colloid/Packed RBC |  | 105 mL |
| Fosphenytoin Load 50 mg PE/mL | 210 mg PE (4.2 mL)  Dilute 1:1 with NS or D5W  Give over 10 min | | Maintenance |  |  |
| D5W + 1/2 NS + KCl 20 mEq/L | | 41 mL/hr |
| Phenobarbital Load 130 mg/mL |  | 210 mg (1.6 mL)  Give over 30 min | **INTRACRANIAL PRESSURE** | | |
| **OVERDOSE** | | | Mannitol 0.2 g/mL (20%) | 10.5 g (52.5 mL)  Use **in-line filter**  Give over 30 min | |
| Dextrose 25% |  | 5.3 g (21 mL) | Furosemide 10 mg/mL | 10.5 mg (1.1 mL) | |
| Naloxone 1 mg/mL |  | 1.1 mg (1.1 mL) | 3% Sodium Chloride | 52.5 mL  Give over 30 min | |
| Flumazenil 0.1 mg/mL | | 0.11 mg (1 mL) | **INFUSIONS** | | |
| Glucagon 1 mg/mL  Beta Blocker Overdose Hypoglycemia | | 0.53 mg (0.53 mL)  0.32 mg (0.32 mL) | **Standard Concentrations**  Dobutamine 2000 mCg/mL  Dopamine 1600 mCg/mL  Epinephrine 16 mCg/mL  Lidocaine 4000 mCg/mL  Norepinephrine 16 mCg/mL  Vasopressin 0.2 Units/mL | | |
| Charcoal (12.5 g/60 mL)  **PO/NG** | | 10.5 g (50.4 mL) |
|  | | |

**EQUIPMENT**

|  |  |  |  |
| --- | --- | --- | --- |
| ET Tube (mm) | 4 Uncuffed | O2 Mask | Pediatric NRB |
| Lip-Tip | 11 – 12 cm | \*ETCO2 | Pediatric |
| Stylet | 10 French | \*Foley | 8 – 10 French |
| Suction Catheter | 8 French | \*Chest Tube | 16 – 20 French |
| Laryngoscope | 1 Straight | NG Tube | 8 French |
| BVM min volume | 450 mL | Vascular Access | 20 – 24 Ga |
| Oral Airway | 60 mm | Intraosseous | 15 Ga |
| \*Nasopharyngeal Airway | 18 French | BP Cuff | Child |
| \*LMA | 2 | \*May not be included in Organizer System(s) | |

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| **RESUSCITATION** | | | **RAPID SEQUENCE INTUBATION** | | | |
| Epinephrine 1:10,000  (0.1 mg/mL) | | 0.11 mg (1 mL) | **PREMEDICATIONS** | | | |
| Epinephrine **ET 1:1,000**  **(1 mg/mL)** | | 1.1 mg (1.1 mL) Dilute in 3-5 mL NS | Atropine 0.1 mg/mL |  | 0.21 mg (2.1 mL) | |
| Atropine 0.1 mg/mL | | 0.21 mg (2.1 mL) | Lidocaine 20 mg/mL (2%) | | 15.8 mg (0.79 mL) | |
|  | | 0.53 mg (0.53 mL) Dilute in 3-5 mL NS |
| Atropine **ET 1 mg/mL** | | Fentanyl 50 mCg/mL (Sympathetic attenuation) | | 31.5 mCg (0.63 mL) | |
| Sodium Bicarbonate **8.4%**  **(1 mEq/mL)** | | 10.5 mEq (10.5 mL) | **INDUCTION AGENTS** | | | |
| Lidocaine 20 mg/mL (2%) | | 10.5 mg (0.53 mL) |
| Lidocaine **ET** 20 mg/mL (2%) | | 21 (1.1 mL)  Dilute in 3-5 mL NS | Etomidate 2 mg/mL |  | 3.2 mg (1.6 mL) | |
| Defibrillation 1st Dose  2nd Dose (may repeat) | | 20 J  40 J | Ketamine 10 mg/mL |  | 21 mg (2.1 mL) | |
| Midazolam 1 mg/mL |  | 3.2 mg (3.2 mL) | |
| Cardioversion 1st Dose 2nd Dose |  |  | **PARALYTIC AGENTS** | | | |
|  | 10 J  20 J | Succinylcholine 20 mg/mL (Give atropine 0.21 mg prior if age less than 1 year) | | | 21 mg  (1.1 mL) |
| Adenosine 3 mg/mL 1st Dose  2nd Dose If Needed | | 1.1 mg (0.35 mL)\*  2.1 mg (0.7 mL)\* | Pancuronium 1 mg/mL |  | 2.1 mg (2.1 mL) | |
| Vecuronium 1 mg/mL  (Dilute 10 mg vial with 10 mL NS or D5W) | | 2.1 mg (2.1 mL) | |
| \*Rapid IV push over 1-2 seconds and flush with NS 5-10 mL after dose given | | |
| Amiodarone 50 mg/mL | 52.5 mg (1.1 mL)  IV push (undiluted) for pulseless VT/VF, otherwise dilute with 20 mL of D5W and give over 30 min using **in-line filter** | | Rocuronium 10 mg/m | L | 12.6 mg (1.3 mL) | |
| **PARALYSIS MAINTENANCE SEDATION/ANALGESIA** | | | |
| Calcium Chloride 10% | | 210 mg (2.1 mL) | Pancuronium 1 mg/mL |  | 1.1 mg (1.1 mL) | |
|  | |  | Vecuronium 1 mg/mL |  | 1.1 mg (1.1 mL) | |
| Magnesium Sulfate 500 mg/mL | | 525 mg (1 mL) Dilute in 12 mL D5W or NS | Lorazepam 2 mg/mL | 0.53 mg (0.26 mL)  Dilute 1:1 with NS or D5W | | |
|  | | Midazolam 1 mg/mL |  | 0.53 mg (0.53 mL) | |
|  | |  | Fentanyl 50 mCg/mL |  | 10.5 mCg (0.21 mL) | |
| **10 KG** | | | **11 KG** | | | |

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