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| **SEIZURE** | | | **FLUIDS** | | |
| Lorazepam 2 mg/mL | 0.85 mg (0.43 mL) Dilute 1:1 with NS or D5W | | Volume Expansion | | |
| Diazepam IV 5 mg/mL | | 1.7 mg (0.34 mL) | Crystalloid (NS or LR Bolus) | | 170 mL |
| Diazepam – RECTAL  (Use IV diazepam 5 mg/mL) | | 4.3 mg (0.85 mL) | Colloid/Packed RBC |  | 85 mL |
| Fosphenytoin Load 50 mg PE/mL | 170 mg PE (3.4 mL)  Dilute 1:1 with NS or D5W  Give over 10 min | | Maintenance |  |  |
| D5W + 1/2 NS + KCl 20 mEq/L | | 34 mL/hr |
| Phenobarbital Load 130 mg/mL |  | 170 mg (1.3 mL)  Give over 30 min | **INTRACRANIAL PRESSURE** | | |
| **OVERDOSE** | | | Mannitol 0.2 g/mL (20%) | 8.5 g (42.5 mL)  Use **in-line filter**  Give over 30 min | |
| Dextrose 25% |  | 4.3 g (17 mL) | Furosemide 10 mg/mL | 8.5 mg (0.85 mL) | |
| Naloxone 1 mg/mL |  | 0.85 mg (0.85 mL) | 3% Sodium Chloride | 42.5 mL Give over 30 min | |
| Flumazenil 0.1 mg/mL | | 0.09 mg (0.85 mL) | **INFUSIONS** | | |
| Glucagon 1 mg/mL  Beta Blocker Overdose Hypoglycemia | | 0.26 mg (0.26 mL)  0.26 mg (0.26 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** | | 8.5 g (40.8 mL) |
|  | | |

**EQUIPMENT**

|  |  |  |  |
| --- | --- | --- | --- |
| ET Tube (mm) | 3.5 Uncuffed | O2 Mask | Pediatric NRB |
| Lip-Tip | 10.5 – 11 cm | \*ETCO2 | Pediatric |
| Stylet | 6 French | \*Foley | 8 French |
| Suction Catheter | 8 French | \*Chest Tube | 12 – 16 French |
| Laryngoscope | 1 Straight | NG Tube | 8 French |
| BVM min volume | 450 mL | Vascular Access | 22 – 24 Ga |
| Oral Airway | 50 mm | Intraosseous | 18 Ga/15 Ga |
| \*Nasopharyngeal Airway | 14 French | BP Cuff | Infant/Child |
| \*LMA | 1.5 | \*May not be included in Organizer System(s) | |

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| **RESUSCITATION** | | | **RAPID SEQUENCE INTUBATION** | | | |
| Epinephrine 1:10,000  (0.1 mg/mL) | | 0.09 mg (0.85 mL) | **PREMEDICATIONS** | | | |
| Epinephrine **ET 1:1,000**  **(1 mg/mL)** | | 0.85 mg (0.85 mL) Dilute in 3-5 mL NS | Atropine 0.1 mg/mL |  | 0.17 mg (1.7 mL) | |
| Atropine 0.1 mg/mL | | 0.17 mg (1.7 mL) | Lidocaine 20 mg/mL (2%) | | 12.8 mg (0.64 mL) | |
|  | | 0.43 mg (0.43 mL) Dilute in 3-5 mL NS |
| Atropine **ET 1 mg/mL** | | Fentanyl 50 mCg/mL (Sympathetic attenuation) | | 25.5 mCg (0.51 mL) | |
| Sodium Bicarbonate **4.2%**  **(0.5 mEq/mL)** | | 8.5 mEq (17 mL) | **INDUCTION AGENTS** | | | |
| Lidocaine 20 mg/mL (2%) | | 8.5 mg (0.43 mL) |
| Lidocaine **ET** 20 mg/mL (2%) | | 17 (0.85 mL)  Dilute in 3-5 mL NS | Etomidate 2 mg/mL |  | 2.6 mg (1.3 mL) | |
| Defibrillation 1st Dose  2nd Dose (may repeat) | | 17 J  34 J | Ketamine 10 mg/mL |  | 17 mg (1.7 mL) | |
| Midazolam 1 mg/mL |  | 2.6 mg (2.6 mL) | |
| Cardioversion 1st Dose 2nd Dose |  |  | **PARALYTIC AGENTS** | | | |
|  | 8 J  17 J | Succinylcholine 20 mg/mL (Give atropine 0.17 mg prior if age less than 1 year) | | | 17 mg  (0.85 mL) |
| Adenosine 3 mg/mL 1st Dose  2nd Dose If Needed | | 0.85 mg (0.28 mL)\*  1.7 mg (0.57 mL)\* | Pancuronium 1 mg/mL |  | 1.7 mg (1.7 mL) | |
| \*Rapid IV push over 1-2 seconds and flush with NS 5-10 mL after dose given | | | Vecuronium 1 mg/mL (Dilute 10 mg vial with 10 mL NS or D5W) |  | 1.7 mg (1.7 mL) | |
| Amiodarone 50 mg/mL | 42.5 mg (0.85 mL)  IV push (undiluted) for pulseless VT/VF, otherwise dilute with 16 mL of D5W and give over 30 min using **in-line filter** | | Rocuronium 10 mg/m | L | 10.2 mg (1 mL) | |
| **PARALYSIS MAINTENANCE SEDATION/ANALGESIA** | | | |
| Calcium Chloride 10% | | 170 mg (1.7 mL) | Pancuronium 1 mg/mL |  | 0.85 mg (0.85 mL) | |
|  | |  | Vecuronium 1 mg/mL |  | 0.85 mg (0.85 mL) | |
| Magnesium Sulfate 500 mg/mL | | 425 mg (0.85 mL)  Dilute in 10 mL D5W or NS | Lorazepam 2 mg/mL | 0.43 mg (0.21 mL)  Dilute 1:1 with NS or D5W | | |
|  | | Midazolam 1 mg/mL |  | 0.43 mg (0.43 mL) | |
|  | |  | Fentanyl 50 mCg/mL |  | 8.5 mCg (0.17 mL) | |
| **8 KG** | | | **9 KG** | | | |

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