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| --- | --- | --- | --- | --- | --- |
| **SEIZURE** | | | **FLUIDS** | | |
| Lorazepam 2 mg/mL | 1.7 mg (0.83 mL)  Dilute 1:1 with NS or D5W | | Volume Expansion (Bolus) | | |
| Diazepam IV 5 mg/mL | | 3.3 mg (0.66 mL) | Crystalloid (NS or LR) |  | 330 mL |
| Diazepam – RECTAL  (Use IV diazepam 5 mg/mL) | | 8.3 mg (1.7 mL) | Colloid/Packed RBC |  | 165 mL |
| Fosphenytoin Load 50 mg PE/mL | 330 mg PE (6.6 mL)  Dilute 1:1 with NS or D5W Give over 10 min | | Maintenance |  |  |
| D5W + 1/2 NS + KCl 20 mEq/L | | 53 mL/hr |
| Phenobarbital Load 130 mg/mL |  | 330 mg (2.5 mL)  Give over 30 min | **INTRACRANIAL PRESSURE** | | |
| **OVERDOSE** | | | Mannitol 0.2 g/mL (20%) | 16.5 g (82.5 mL)  Use **in-line filter**  Give over 30 min | |
| Dextrose 25% |  | 8.3 g (33 mL) | Furosemide 10 mg/mL | 16.5 mg (1.7 mL) | |
| Naloxone 1 mg/mL |  | 1.7 mg (1.7 mL) | 3% Sodium Chloride | 82.5 mL Give over 30 min | |
| Flumazenil 0.1 mg/mL | | 0.17 mg (1.7 mL) | **INFUSIONS** | | |
| Glucagon 1 mg/mL  Beta Blocker Overdose Hypoglycemia | | 0.83 mg (0.83 mL)  0.5 mg (0.5 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 (12.5g/60 mL)  **PO/NG** | | 16.5 g (79.2 mL) |
|  | | |

**EQUIPMENT**

|  |  |  |  |
| --- | --- | --- | --- |
| ET Tube (mm) | 5 Uncuffed | O2 Mask | Pediatric NRB |
| Lip-Tip | 14 – 15 cm | \*ETCO2 | Adult |
| Stylet | 10 French | \*Foley | 10 – 12 French |
| Suction Catheter | 10 French | \*Chest Tube | 20 – 24 French |
| Laryngoscope | 2 Straight or Curved | NG Tube | 12 French |
| BVM min volume | 450 – 750 mL | Vascular Access | 18 – 22 Ga |
| Oral Airway | 60 mm | Intraosseous | 15 Ga |
| \*Nasopharyngeal Airway | 22 French | BP Cuff | Child |
| \*LMA | 2 | \*May not be included in Organizer System(s) | |

5-17 Page 1 of 2

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| --- | --- | --- | --- | --- | --- | --- |
| **RESUSCITATION** | | | | **RAPID SEQUENCE INTUBATION** | | |
| Epinephrine 1:10,000  (0.1 mg/mL) | |  | 0.17 mg (1.7 mL) | **PREMEDICATIONS** | | |
| Epinephrine **ET 1:1,000**  **(1 mg/mL)** | |  | 1.7 mg (1.7 mL) Dilute in 3-5 mL NS | Atropine 0.1 mg/mL |  | 0.33 mg (3.3 mL) |
| Atropine 0.1 mg/mL | |  | 0.33 mg (3.3 mL) |  | |  |
| Atropine **ET 1 mg/mL** | |  | 0.83 mg (0.83 mL) Dilute in 3-5 mL NS | Lidocaine 20 mg/mL (2%) | | 24.8 mg (1.2 mL) |
| Sodium Bicarbonate **8.4%**  **(1 mEq/mL)** | | | 16.5 mEq (16.5 mL) | Fentanyl 50 mCg/mL (Sympathetic attenuation) | | 49.5mCg (1 mL) |
| Lidocaine 20 mg/mL (2%) | | | 16.5 mg (0.83 mL) | **INDUCTION AGENTS** | | |
| Lidocaine **ET** 20 mg/mL (2%) | |  | 33 (1.7 mL)  Dilute in 3-5 mL NS | Etomidate 2 mg/mL |  | 5 mg (2.5 mL) |
| Defibrillation 1st Dose  2nd Dose (may repeat) | | | 33 J  66 J | Ketamine 10 mg/mL |  | 33 mg (3.3 mL) |
| Midazolam 1 mg/mL |  | 5 mg (5 mL) |
| Cardioversion 1st Dose 2nd Dose |  |  |  | **PARALYTIC AGENTS** | | |
|  |  | 17 J  33 J | Succinylcholine 20 mg/mL (Give atropine 0.33 mg prior if age less than 1 year) | | 33 mg  (1.7 mL) |
| Adenosine 3 mg/mL 1st Dose  2nd Dose If Needed | |  |  | Pancuronium 1 mg/mL |  | 3.3 mg (3.3 mL) |
|  | 1.7 mg (0.55 mL)\*  3.3 mg (1.1 mL)\* | Vecuronium 1 mg/mL  (Dilute 10 mg vial with 10 mL NS or D5W) | | 3.3 mg (3.3 mL) |
| \*Rapid IV push over 1-2 seconds and flush with NS 5-10 mL after dose given | | | |
| Amiodarone 50 mg/mL | 82.6 mg (1.6 mL)  IV push (undiluted) for pulseless VT/VF, otherwise dilute with 32 mL and give over 30 min using  **in-line filter** | | | Rocuronium 10 mg/mL |  | 19.8 mg (2 mL) |
| **PARALYSIS MAINTENANCE SEDATION/ANALGESIA** | | |
| Calcium Chloride 10% | |  | 330 mg (3.3 mL) | Pancuronium 1 mg/mL |  | 1.7 mg (1.7 mL) |
|  | |  |  | Vecuronium 1 mg/mL |  | 1.7 mg (1.7 mL) |
| Magnesium Sulfate 500 mg/mL | |  | 825 mg (1.6 mL)  Dilute in 20 mL D5W or NS | Lorazepam 2 mg/mL | 0.83 mg (0.41 mL)  Dilute 1:1 with NS or D5W | |
|  | | Midazolam 1 mg/mL | 0.83 mg (0.83 mL) | |
|  | |  |  | Fentanyl 50 mCg/mL | 16.5 mCg (0.33 mL) | |
| **15 KG** | | **16 KG** | | **17 KG** | **18 KG** | |

Page 2 of 2