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| --- | --- | --- | --- | --- | --- | --- |
| **SEIZURE** | | | | **FLUIDS** | | |
| Lorazepam 2 mg/mL | 2.7 mg (1.3 mL) Dilute 1:1 with NS or D5W | | | Volume Expansion | | |
| Diazepam IV 5 mg/mL | | 5.3 mg (1.1 mL) **Give 5 mg (1 mL) if age less than 5 years** | | Crystalloid (NS or LR Bolus) | | 530 mL |
| Colloid/Packed RBC |  | 265 mL |
| Diazepam – RECTAL  (Use IV diazepam 5 mg/mL) | | | 13.3 mg (2.7 mL) | Maintenance |  |  |
| D5W + 1/2 NS + KCl 20 mEq/L | | 67 mL/hr |
| Fosphenytoin Load 50 mg PE/mL |  | 530 mg PE (10.6 mL)  Dilute 1:1 with NS or D5W Give over 10 min | | **INTRACRANIAL PRESSURE** | | |
| Phenobarbital Load 130 mg/mL |  | 520 mg (4 mL) Give over 30 min | | Mannitol 0.2 g/mL (20%) | 26.5 g (133 mL) Use **in-line filter** Give over 30 min | |
| **OVERDOSE** | | | | Furosemide 10 mg/mL | 26.5 mg (2.7 mL) | |
| Dextrose 25% |  |  | 13.3 g (53 mL) | 3% Sodium Chloride | 133 mL  Give over 30 min | |
| Naloxone 1 mg/mL |  |  | 2 mg (2 mL) | **INFUSIONS** | |  |
| Flumazenil 0.1 mg/mL | |  | 0.2 mg (2 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 | | |
| Glucagon 1 mg/mL  Beta Blocker Overdose Hypoglycemia | | | 1.3 mg (1.3 mL)  0.8 mg (0.8 mL) |
| Charcoal (12.5g/60 mL)  **PO/NG** | |  | 26.5 g (127 mL) |
|  | | | |

**EQUIPMENT**

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| --- | --- | --- | --- | --- |
| ET Tube (mm) |  | 6 Cuffed | O2 Mask | Pediatric NRB |
| Lip-Tip |  | 17 – 18 cm | \*ETCO2 | Adult |
| Stylet |  | 14 French | \*Foley | 12 French |
| Suction Catheter |  | 10 French | \*Chest Tube | 28 – 32 French |
| Laryngoscope | 2 – 3 Straight or Curved | | NG Tube | 14 – 18 French |
| BVM min volume |  | 750 – 1000 mL | Vascular Access | 18 – 20 Ga |
| Oral Airway |  | 80 mm | Intraosseous | 15 Ga |
| \*Nasopharyngeal Airway | | 26 French | BP Cuff | Child |
| \*LMA |  | 2.5 | \*May not be included in Organizer System(s) | |

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| **RESUSCITATION** | | | | | **RAPID SEQUENCE INTUBATION** | | | | |
| Epinephrine 1:10,000  (0.1 mg/mL) | | 0.27 mg (2.7 mL) | |  | **PREMEDICATIONS** | | | | |
| Epinephrine **ET 1:1,000**  **(1 mg/mL)** | | 2.5 mg (2.5 mL) Dilute in 3-5 mL NS | |  | Atropine 0.1 mg/mL | |  | 0.5 mg (5 mL) | |
| Atropine 0.1 mg/mL | |  | 0.5 mg (5 mL) |  | Lidocaine 20 mg/mL (2%) | | | 39.8 mg (2 mL) | |
| Atropine **ET 1 mg/mL** | | 1.3 mg (1.3 mL) Dilute in 3-5 mL NS | |  | Fentanyl 50 mCg/mL (Sympathetic attenuation) | | | 79.5 mCg (1.6 mL) | |
| Sodium Bicarbonate **8.4%**  **(1 mEq/mL )** | | 26.5 mEq (26.5 mL) | |  | **INDUCTION AGENTS** | | | | |
| Lidocaine 20 mg/mL (2%) | | 26.5 mg (1.3 mL) | |  |
| Lidocaine **ET** 20 mg/mL (2%) | | 53 (2.7 mL)  Dilute in 3-5 mL NS | |  | Etomidate 2 mg/mL | |  |  | 8 mg (4 mL) |
| Defibrillation 1st Dose  2nd Dose (may repeat) | |  | 53 J  106 J |  | Ketamine 10 mg/mL | |  | 53 mg (5.3 mL) | |
| Midazolam 1 mg/mL | |  | 7.9 mg (7.9 mL) | |
| Cardioversion 1st Dose 2nd Dose |  |  | 27 J  53 J |  | **PARALYTIC AGENTS** | | | | |
| Adenosine 3 mg/mL 1st Dose  2nd Dose If Needed | | 2.7 mg (0.88 mL)\*  5.3 mg (1.8 mL)\* | |  | Succinylcholine 20 mg/mL | | | 53 mg (2.7 mL) | |
| Pancuronium 1 mg/mL | |  | 5.3 mg (5.3 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 in 10 mL NS or D5W) | | | 5.3 mg (5.3 mL) | |
|  | 133 mg (2.7 mL)  IV push (undiluted) for pulseless VT/VF, otherwise dilute with 50 mL of D5W and give over 30 min using **in-line filter** | | |  |  | |
| Amiodarone 50 mg/mL | Rocuronium 10 mg/m | | L | 31.8 mg (3.2 mL) | |
| **PARALYSIS MAINTENANCE SEDATION/ANALGESIA** | | | | |
| Calcium Chloride 10% | | 530 mg (5.3 mL) | |  | Pancuronium 1 mg/mL | |  | 2.7 mg (2.7 mL) | |
| Vecuronium 1 mg/mL | |  | 2.7 mg (2.7 mL) | |
| Magnesium Sulfate 500 mg/mL |  | 1330 mg (2.6 mL)  Dilute in 31 mL D5W or NS | |  | Lorazepam 2 mg/mL | | 1.3 mg (0.66 mL)  Dilute 1:1 with NS or D5W | | |
| Midazolam 1 mg/mL | |  | 1.3 mg (1.3 mL) | |
|  | Fentanyl 50 mCg/mL | | 26.5 mCg (0.53 mL) | | |
| **24**  **KG** | **25**  **KG** | | **26**  **KG** | **27**  **KG** | | **28**  **KG** | | | **29**  **KG** |

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