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| **SEIZURE** | | | | **FLUIDS** | | |
| Lorazepam 2 mg/mL | 4 mg (2 mL)  Dilute 1:1 with NS or D5W | | | Volume Expansion | | |
| Diazepam IV 5 mg/mL | | 5 – 10 mg (1 – 2 mL)  **Give 5 mg (1 mL) if age 5 yr or less** | | Crystalloid (NS or LR Bolus) | | 940 mL |
| Colloid/Packed RBC |  | 470 mL |
| Diazepam – RECTAL  (Use IV diazepam 5 mg/mL) | | | 20 mg (4 mL) | Maintenance |  |  |
| D5W + 1/2 NS + KCl 20 mEq/L | | 87 mL/hr |
| Fosphenytoin Load 50 mg PE/mL |  | 940 mg PE (18.8 mL)  Dilute 1:1 with NS or D5W Give over 10 min | | **INTRACRANIAL PRESSURE** | | |
| Phenobarbital Load 130 mg/mL |  | 940 mg (7.2 mL)  Give over 45 min | | Mannitol 0.2 g/mL (20%) | 47 g (235 mL)  Use **in-line filter**  Give over 30 min | |
| **OVERDOSE** | | | | Furosemide 10 mg/mL | 40 mg (4 mL) | |
| Dextrose 25% |  | 23.5 g (94 mL) | | 3% Sodium Chloride | 235 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 | | 2.4 mg (2.4 mL) 1 mg (1 mL) | |
| Charcoal (12.5 g/60 mL) **PO/NG** | | | 47 g (226 mL) |
|  | | | |

**EQUIPMENT**

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| --- | --- | --- | --- |
| ET Tube (mm) | 7 – 7.5 cuffed | O2 Mask | Pediatric or Adult NRB |
| Lip-Tip | 20.5 – 22.5 cm | \*ETCO2 | Adult |
| Stylet | 14 Fr | \*Foley | 14 Fr |
| Suction Catheter | 12 – 14 Fr | \*Chest Tube | 32 – 42 Fr |
| Laryngoscope | 3 Straight or Curved | NG Tube | 14 – 18 Fr |
| BVM min volume | 1000 mL | Vascular Access | 16 – 20 Ga |
| Oral Airway | 80 – 90 mm | Intraosseous | 15 or 18 Ga Cook Needle |
| \*Nasopharyngeal Airway | 28 – 30 Fr | BP Cuff | Small Adult |
| \*LMA | 3.5 | \*May not be included in Organizer System(s) | |

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| **RESUSCITATION** | | | | | **RAPID SEQUENCE INTUBATION** | | | | |
| Epinephrine 1:10,000  (0.1 mg/mL) | |  | 0.47 mg (4.7 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) **Give 0.5 mg (5 mL) if age less than 13 years** | | | Lidocaine 20 mg/mL (2%) | | | 70.5 mg (3.5 mL) | |
| Atropine **ET 1 mg/mL** | | 2.5 mg (2.5 mL) Dilute in 3-5 mL NS | | | Fentanyl 50 mCg/mL (Sympathetic attenuation) | | | 141 mCg (2.8 mL) | |
| Sodium Bicarbonate **8.4%**  **(1 mEq/mL)** | | | 47 mEq (47 mL) | | **INDUCTION AGENTS** | | | | |
| Lidocaine 20 mg/mL (2%) | | | 47 mg (2.4 mL) | |
| Lidocaine **ET** 20 mg/mL (2%) | |  | 94 (4.7 mL)  Dilute in 3-5 mL NS | | Etomidate 2 mg/mL | |  | 14 mg (7 mL) | |
| Defibrillation 1st Dose  2nd Dose (may repeat) | | | 94 J  190 J |  | Ketamine 10 mg/mL | |  | 94 mg (9.4 mL) | |
| Midazolam 1 mg/mL | |  | 10 mg (10 mL) | |
| Cardioversion 1st Dose 2nd Dose |  |  | 47 J  94 J |  | **PARALYTIC AGENTS** | | | | |
| Succinylcholine 20 mg/mL | | | 94 mg (4.7 mL) | |
| Adenosine 3 mg/mL 1st Dose  2nd Dose If Needed | |  |  | | Pancuronium 1 mg/mL | | | 9.4 mg (9.4 mL) | |
|  | 4.7 mg (1.6 mL)\*  9.4 mg (3.1 mL)\* | | Vecuronium 1 mg/mL (Dilute 10 mg vial in 10 mL NS or D5W) | | | 9.4 mg (9.4 mL) | |
| \*Rapid IV push over 1-2 seconds and flush with NS 5-10 mL after dose given | | | | | Rocuronium 10 mg/mL | | | 45 mg (4.5 mL) | |
| Amiodarone 50 mg/mL | 235 mg (4.7 mL)  IV push (undiluted) for pulseless VT/VF, otherwise dilute with 90 mL of D5W and give over 30 min using **in-line filter** | | | | **PARALYSIS MAINTENANCE SEDATION/ANALGESIA** | | | | |
| Pancuronium 1 mg/mL | | | 4.7 mg (4.7 mL) | |
| Calcium Chloride 10% | |  | 940 mg (9.4 mL) | | Vecuronium 1 mg/mL | | | 4.7 mg (4.7 mL) | |
| Magnesium Sulfate 500 mg/mL | |  | 2000 mg (4 mL)  Dilute in 50 mL D5W or NS | | Lorazepam 2 mg/mL | | 2.4 mg (1.2 mL)  Dilute 1:1 with NS or D5W | | |
| Midazolam 1 mg/mL | |  | 2 mg (2 mL) | |
|  | | Fentanyl 50 mCg/mL | | | 47 mCg (0.94 mL) | |
| **44 KG** | **45 KG** | | **46 KG** | **47 KG** | | **48 KG** | **49 KG** | | **50 KG** |

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