

3.5 kg Full Term - 2 Months

Emergency Drug Dosing

| Emergency Drug | Dose in mL | Dose | Dose Range (in mg/grams per kg) | Notes |
|--|------------------|-------------|---|---|
| adenosine 3 mg/mL | 0.12 mL | 0.4 mg | 0.1 mg/kg IVP (Max 6 mg for 1st dose) | Second dose is double the first (max 12 mg) |
| albuterol 2.5 mg in 3 mL | 3 mL | 2.5 mg | <30kg: 2.5 mg; >30 kg: 5 mg | Repeat every 20 minutes X3. Then, call physician. |
| amiodarone 50 mg/mL ampules* | 11.67 mL | 17.5 mg | 3.33 mL/kg of the 1.5 mg/mL dilution* | 5 mg/kg IVP. Maximum: 300 mg /dose |
| *dilute amiodarone 150 mg (3 mL of 50 mg/mL) in 100 mL normal saline for 100 mL of a 1.5 mg/mL dilution for infusion | | | | |
| atropine 0.1 mg/mL | 1 mL | 0.1 mg | 0.02 mg/kg/dose IV | Min: 0.1 mg/dose; Max: 1 mg/dose = 10 mL |
| dextrose (D10W) 100 mg/mL | 18 mL | 1.75 g | 0.5 grams/kg | D10W = 1 Part D50W : 4 Parts Sterile Water |
| diphenhydramine 50 mg/mL | 0.07 mL | 4 mg | 1 mg/kg IV | Max: 50 mg/dose |
| diazepam 5 mg/mL | 0.07 mL | 0.35 mg | 0.1 mg/kg/dose IV. Max: 10 mg/dose | CALL PHYSICIAN BEFORE GIVING |
| diazepam rectal gel 5 mg/mL | 0 mL | 0 mg | Max: 20 mg/dose | CALL PHYSICIAN BEFORE GIVING |
| epinephrine 1:10,000 | 0.35 mL | 0.04 mg | 0.01 mg/kg IV/IO every 3 - 5 minutes | Maximum: 1 mg/dose = 10 mL |
| epinephrine 1:1,000 (ETT / HIGH DOSE) | 0.35 mL | 0.35 mg | 0.1 mg/kg ETT. (Max 10 mg) 0.1 mg/kg IV may be considered if standard doses ineffective | |
| epinephrine 1:1,000 (SUBCUTANEOUS) | 0.04 mL | 0.04 mg | 0.01 mg/kg/dose SC | for anaphylaxis (max 0.5 mg = 0.5 mL) |
| lidocaine 1% 10 mg/mL | 0.35 mL | 3.5 mg | 1 mg/kg IV/ET | |
| morphine 10 mg/mL | 0.04 mL | 0.35 mg | 0.1 mg/kg/dose IV. Max: 5 mg/dose | CALL PHYSICIAN BEFORE GIVING |
| naloxone 1 mg/mL | 0.35 mL | 0.35 mg | 0.1 mg/kg IV/ET | Maximum 2 mg/dose = 2 mL |
| sodium bicarbonate 4.2% (0.5 mEq/mL) | 7 - 14 mL | 3.5 - 7 mEq | 1 - 2 mEq/kg IV | |
| Sodium Chloride (0.9% NaCl) | 35 mL | | 10 mL/kg | |

| Intubation Equipment | Size |
|----------------------------------|---------------|
| Laryngoscope Blade Size (Miller) | 0 |
| Endotracheal Tube Size | 3.0 UC |

| Defibrillation | Joules |
|-----------------------------------|-----------|
| First attempt (2 joules/kg) | 7 |
| Second attempt (3 joules/kg) | 11 |
| Subsequent attempts (4 joules/kg) | 14 |

| Synchronized Cardioversion | Joules |
|----------------------------------|----------|
| First attempt (0.5 joules/kg) | 2 |
| Subsequent attempts (1 joule/kg) | 4 |



| Dopamine Infusion | Dopamine 120 mg in 100 mL |
|------------------------------|---------------------------|
| concentration in mg/mL = 1.2 | |
| Dose | Infusion Rate (mL/hr) |
| 5 mcg/kg/min | 0.9 |
| 10 mcg/kg/min | 1.8 |
| 15 mcg/kg/min | 2.6 |
| 20 mcg/kg/min | 3.5 |

| Lidocaine Infusion | Lidocaine 800 mg in 100 mL |
|----------------------------|----------------------------|
| concentration in mg/mL = 8 | |
| Dose | Infusion Rate (mL/hr) |
| 10 mcg/kg/min | 0.3 |
| 20 mcg/kg/min | 0.5 |
| 30 mcg/kg/min | 0.8 |
| 40 mcg/kg/min | 1.1 |
| 50 mcg/kg/min | 1.3 |

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EMSC Education: (513) 636-6992

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