

Resuscitation Medications

Medication	Dose	Max Dose	Route	Remarks
Epinephrine 1:10,000 (0.1 mg/ml)	0.1 mL/kg	10 mL	IV, IO	First drug for cardiac arrest; drug of choice for symptomatic bradycardia in neonate
Epinephrine 1:1,000 (1 mg/ml)	0.1 mL/kg	----	ET, IV, IO	May be given for subsequent IV/IO doses during arrest
Atropine **	0.02 mg/kg	0.5mg child 1 mg adolescent	IV, IO, ET	Minimum dose = 0.1 mg Maximum cumulative dose: 1 mg child 2 mg adolescent
Lidocaine 1% (10 mg/ml)	1 mg/kg	----	IV, IO, ET	Useful for ventricular dysrhythmias. May repeat every 10–15 minutes to a Maximum dose of 3 mg/kg, then start drip
Amiodarone (50 mg/ml)	5 mg/kg	150 mg	IV, IO	Indicated for pulseless v-fib and v-tach; if + pulse, give over 10 minutes; if no pulse, push fast Must dilute to ≤ 3 mg/mL before administration
Sodium Bicarb 8.4% (1 mEq/ml)	1 mEq/kg	50 mEq	IV, IO	Use only for prolonged arrest, dilute to 1/2 strength (cc:cc with 5% Dextrose) for infants
Calcium Chloride 10% (100 mg CaCl/ml)	20 mg/kg (0.2 mL/kg)	1000 mg (10 mL)	IV, IO	Avoid extravasation

Intubation Medications

Medication	Dose	Max Dose	Route	Remarks
Lidocaine 1% (10 mg/ml)	1 mg/kg		IV, IO, ET	Useful as adjunct treatment for patients with increased ICP
Atropine **	0.02 mg/kg	0.5mg child 1 mg adolescent	IV, IO, ET	Minimum dose = 0.1 mg Maximum cumulative dose: 1 mg child 2 mg adolescent
Etomidate (2 mg/ml)	0.3 mg/kg	20 mg	IV, IO	May lower seizure threshold, use with caution in patients with known seizure disorder
Succinylcholine **	2 mg/kg	150 mg	IV, IO, IM	Do not use in patients with muscular dystrophy. Use with caution in patients with hyperkalemia, severe burns or patients with severe trauma
Ketamine **	1–2 mg/kg 2–4 mg/kg	----- -----	IV, IO IM	Contraindicated in patients with increased intracranial pressure, severe hypertension, aneurysms, congestive heart failure, glaucoma

** Calculate carefully, concentrations of drugs vary

