

15-18 kilograms (32-40 pounds) / 3-4 Years (White)

CARDIAC RESUSCITATION

Normal Vitals: HR: 80-120, RR: 20-30, Systolic BP: 76-110 mmHg, Blood Glucose > 60 mg/dl

Resuscitation Medication - (confirm concentration is as specified)	Dose	Volume
Epinephrine 1:10,000 (1 mg/10 mL prefilled syringe) IV/IO Q 3-5 min for arrest/bradycardia ¹	0.2 mg	2 mL
Amiodarone (150 mg/3 mL) IV/IO for shock resistant V-Fib	100 mg	2 mL
*Lidocaine (100 mg/5 mL) IV/IO for wide-complex tachycardia	20 mg	1 mL
Atropine (1 mg/10 mL) IV/IO for bradycardia unresponsive to Epinephrine ¹	0.35 mg	3.5 mL
*Adenosine (6 mg/2 mL) IV/IO 1st Dose. Dilute with 4 mL Normal Saline to produce 1 mg/1 mL. For SVT (HR >180)	2 mg	2 mL (Diluted)
*Adenosine (6 mg/2 mL) IV/IO 2nd Dose. Dilute with 4 mL Normal Saline to produce 1 mg/1 mL. For SVT (HR >180)	4 mg	4 mL (Diluted)
Electrical Therapy	Initial²	Repeat²
Defibrillation (pediatric pads preferred) Adult pads may be used anterior/posterior.	40 J	80 J
*Synchronized Cardioversion ² for unstable tachycardia	20 J	40 J
Equipment		
OPA: 60 mm NPA: 22 F BVM: Child Laryngoscope: 2 (straight/curved)		
ET Tube: 4.5 (cuffed) ET Depth: 15 cm <i>No ETI unless unable to ventilate</i>		
Fluid Bolus		
Normal Saline 300 mL IV/IO - May repeat x 1 PRN		
Shock after IVFs-Epinephrine IV/IO (1 mg/10 mL) Dilute 1 mL with 9 mL Normal Saline = 10 mcg/1 mL	10 mcg	1 mL (Diluted)

***CONTACT MEDICAL CONTROL**

¹CPR if HR < 60 after O₂

²May adjust to closest available energy setting

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CONDITIONS/MEDICATIONS

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Development: Speaks in sentences of 5 to 6 words. Draws circles and squares.

Condition	Medication - (confirm concentration is as specified)	Dose	Volume
Bronchospasm Anaphylaxis	Albuterol Nebulized (2.5 mg/3 mL)	2.5 mg	3 mL
	Ipratropium Bromide Nebulized (0.5 mg/2.5 mL if wheezing)	0.25 mg	1.25 mL
	Diphenhydramine IM/IV/IO (50 mg/mL) Diluted with 4 mL Normal Saline = 10 mg/mL (Anaphylaxis only)	20 mg	2 mL (Diluted)
	Epinephrine 1:1000 IM (1 mg/mL) or 1 EpiPen Jr. IM (Severe symptoms only)	0.15 mg	0.15 mL IM
	Solu-Medrol IV/IO (125 mg/2 mL)	~31 mg	0.5 mL
Seizure	Midazolam IM (5 mg/mL) Give first if no IV	1.5 mg	0.3 mL IM
	Midazolam IV (5 mg/mL) Diluted with 4 mL Normal Saline = 1 mg/mL	1 mg	1 mL (Diluted)
Fever/Pain	Acetaminophen PO (160 mg/5 mL)	240 mg	7.5 mL PO
	Ibuprofen PO (100 mg/5 mL)	150 mg	7.5 mL PO
Hypoglycemia (<60 mg/dL)	D25% (12.5 g/50 mL) 25 mL of D50% diluted with 25 mL of Normal Saline = D25% Give Slow IV	8 g	32 mL (D25%)
	Glucagon IM (1 mg/mL)	0.5 mg	0.5 mL IM
Pain Control	Fentanyl IV (100 mcg/2 mL) Diluted with 8 mL Normal Saline = 10 mcg/mL	15 mcg	1.5 mL (Diluted)
	Fentanyl IN (100 mcg/2 mL) Divide dose equally between both nostrils	15 mcg	0.3 mL IN
	Ketamine IV/IO (100 mg/1 mL) Dilute 1 mL with 9 mL Normal Saline = 10 mg/1 mL	3 mg	0.3 mL (Diluted) IV/IO
	Ketamine IN (100 mg/1 mL) Dilute 1 mL with 9 mL Normal Saline = 10 mg/1 mL	7.5 mg	0.75 mL (Diluted) IN
	Morphine IV/IM/IO (10 mg/mL) Diluted with 9 mL Normal Saline = 1 mg/mL	1.5 mg	1.5 mL (Diluted)
Narcotic OD	Naloxone IV/IM (2 mg/2 mL)	2 mg	2 mL
	Naloxone IN (2 mg/2 mL) Divide dose equally between both nostrils	2 mg	2 mL IN
Fluid Bolus	Normal Saline 300 mL IV/IO - May repeat x 1 PRN	N/A	300 mL
Equipment	OPA: 60 mm NPA: 22 F BVM: Child Laryngoscope: 2 (straight/curved) ET Tube: 4.5 (cuffed) ET Depth: 15 cm <i>No ETI unless unable to ventilate</i>		

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