

SUBJECT: TREATMENT PROTOCOL -
PEDIATRIC WEIGHT-BASED DOSAGE STANDARDS

Date: 07/1/2024

MEDICATION	DOSE	MAXIMUM SINGLE DOSE
Acetaminophen IV (<2 years)	contraindicated	-
Acetaminophen IV (≥2 years)	15 mg/kg	1 gm
Adenosine IV 1st	0.1 mg/kg	6 mg
Adenosine IV 2nd/3rd	0.2 mg/kg	12 mg
Albuterol Nebulized	5 mg (6 mL)	5 mg
Amiodarone IV/IO	5 mg/kg	150 mg
Atropine (Bradycardia) IV/IO	0.02 mg/kg	0.5 mg
Atropine (Organophosphate) IV/IO	0.02 mg/kg	2 mg
Calcium Chloride IV/IO	20 mg/kg	500 mg
Charcoal PO	1 gm/kg	50 gm
Dextrose 10% IV	0.5 gm/kg	25 gm
Diphenhydramine IV/IM	1 mg/kg	50 mg
Epinephrine IM (1:1,000)	0.01 mg/kg	0.3 mg
Epinephrine IV/IO Cardiac Arrest (1:10,000)	0.01 mg/kg	1 mg
Epinephrine IV/IO Push-Dose (1:100,000)	0.001 mg/kg	0.01 mg (10 mcg)
Epinephrine Nebulized (1:1,000)	2.5 mg - 5 mg	5 mg
Fentanyl Citrate IN <10 kg	1 mcg/kg	10 mcg
Fentanyl Citrate IV <10 kg	1 mcg/kg	10 mcg
Fentanyl Citrate IN ≥10 kg	1.5 mcg/kg	50 mcg
Fentanyl Citrate IV ≥10 kg	1 mcg/kg	100 mcg
Glucagon IM	0.05 mg/kg	1 mg
Ipratropium Bromide Nebulized	0.5 mg (2.5 mL)	0.5 mg (2.5 mL)
Levalbuterol Nebulized (<6 years)	contraindicated	-
Levalbuterol Nebulized (≥6 years – <12 years)	0.62 mg (6 mL)	0.62 mg (6 mL)
Levalbuterol Nebulized (≥12 years)	2.5 mg (6 mL)	2.5 mg (6 mL)
Lidocaine 2% IV/IO	1 mg/kg	not applicable
Midazolam IN/IM	0.2 mg/kg	5 mg
Midazolam IV slow	0.1 mg/kg	5 mg
Morphine Sulfate IV/IM	0.1 mg/kg	4 mg
Naloxone IN/IM/IV	0.1 mg/kg	2 mg
Normal Saline Fluid Bolus	20 mL/kg	500 mL
Ondansetron (<6 months)	contraindicated	-
Ondansetron IM/IV/ODT (6 months - 3 years)	2 mg	2 mg
Ondansetron IM/IV/ODT (>3 years)	4 mg	4 mg
Sodium Bicarbonate IV	1 mEq/kg	50 mEq