

PEDIATRIC Emergency Medications

04/21

IVP Medications	Neonates = < 30 days, Pediatrics = 1 month – 17 years
Adenosine	1 st dose: 0.1 mg/kg IV/IO <u>rapid</u> bolus (max 1 st dose : 6 mg) 2 nd dose: 0.2 mg/kg IV/IO (max 2 nd dose: 12 mg)
Amlodarone	<u>Pulseless VT or VF</u> : 5mg/kg IV/IO bolus, may repeat x 2 doses at 5mg/kg to max total dose of 15 mg/kg <u>Perfusing tachycardias</u> : 5 mg/kg (3mg/mL) IV/IO bolus over 20-60 min Max single dose = 300 mg; max daily dose = 15 mg/kg
Atropine	<u>Bradycardia</u> : 0.02 mg/kg IV/IO repeat dose 3-5 min max single dose child = 0.5 mg, adolescent = 1 mg
Calcium Chloride (10%)	20 mg/kg IV/IO bolus over 2-3 min. max: 1 gram/dose
Calcium Gluconate	100 mg/kg IV/IO slow IV/IO push. max: 3 grams/dose
Dextrose	Neonates D10: 2.5 – 5 mL/kg (0.25 – 0.5 grams/kg) Pediatrics ≤ 40 kg D25: 2 – 4 mL/kg (0.5 – 1 gram/kg) ~~ NOTE: dilute D50 1:1 with sterile water to make D25 ~ Pediatrics > 40 kg D50: 1 – 2 mL/kg (0.5 – 1 grams/kg)
Epinephrine	<u>Cardiac Arrest</u> : IV/IO 0.1 mg/mL = 0.1 mL/kg (0.01 mg/kg), max 1mg <u>Anaphylaxis</u> Epi IM 1 mg/mL = 0.01 mg/kg, max dose = 0.5mg
Lidocaine	1 – 2 mg/kg IV/IO bolus over 2 min
Magnesium	25 – 50 mg/kg IV/IO max dose = 2 grams Pulseless TdP: bolus; TdP with pulse: over 10-20 min
Naloxone	0.1 mg/kg bolus q2min PRN, max dose = 2 mg
Sodium bicarbonate	1mEq/kg slow IV/IO push. neonate/infant 4.2%; child/adolescent 8.4%