

6-11 months

***Weight (KG):** 8-9 kg

Weight (Lbs): 17.6-19.8

Heart Rate (Beats per minute): 95-159

Respiratory Rate (Breaths per minute): 27-53

Blood Pressure (Systolic Range/ Diastolic Range): 82-109/ 40-67

MAP (mmHg): 55-81

Broselow color: Red

* Weight based on Broselow Tape

**Vitals based on BC PEWS

Airway Management

6 months, 8 kg (17.6 lbs), Broselow Red

	Values	Formula
Tidal Volume	50 mL	4-8 mL/kg
Laryngoscope	1 Straight	-
Un-cuffed ETT	3.5-4.0 mm	$(\text{Age}/4)+4$
Cuffed ETT	3.0-3.5 mm	$(\text{Age}/4)+3$
ETT Depth	10.5-12 cm	-
i-Gel SGA	Size 1.5 (blue)	5-12 kg
NPA	14 Fr	-
OPA	50 mm (blue)	-
Suction Cath	6-8 Fr	-

Airway Induction Doses

6 months, 8 kg (17.6 lbs), Broselow Red

	Values	Details
Normal Saline Bolus (IV)	80 mL	10 ml/kg
ketAMINE (IV/IO)	8 mg	1 mg/kg
EPINEPHrine (Slow IVP/IO)	8 mcg	1.0 mcg/kg
MIDAZOLam (IV/IO)	0.8 mg (800 mcg)	0.1 mg (100 mcg)/kg PRN

Maintenance doses on [PR18: Anesthesia Induction](#) Page

Respiratory & Allergic Reaction

6 months, 8 kg (17.6 lbs), Broselow Red

	Values	Details
Dexamethasone (PO,IM/IV)	4mg dose = 1ml of (4mg/ml) Dexamethasone Solution administered	0.05mg/kg x 8kg; Supplied 4mg/ml
DiphenhydrAMINE (IM/IV)	8 mg	1 mg/kg
EPINEPHrine (IM)	0.08 mg (80 mcg)	0.01 mg (10 mcg)/kg; Max 0.5 mg (500 mcg)
EPINEPHrine (Neb)	5 mg	5mg in 5ml
EPINEPHrine (IV)	0.04 mg (40 mcg)	0.005 mg (5 mcg)/kg; Max 0.3 mg (300 mcg)
Salbutamol (Neb)	2.5 mg	1 nebule
Salbutamol (MDI)	---	NOT indicated
Ipratropium (Neb)	250mcg	½ nebule
Ipratropium (MDI)	80mcg	20mcg x 4 sprays
Magnesium Sulfate (IV infusion)	400 mg	50 mg/kg over 20 minutes; Max 2 g

Cardiac Arrest

6 months, 8 kg (17.6 lbs), Broselow Red

	Values	Details
Defibrillation	16/32 J	2 & 4 J/kg
EPINEPHrine (IV)	0.08 mg (80 mcg)	0.01 mg (10 mcg)/kg; Max 1 mg
EPINEPHrine (ETT)	0.8 mg (800 mcg)	0.1 mg (100 mcg)/kg; Max 10 mg
Amiodarone (IV)	40 mg	5 mg/kg; Max 300 mg
Lidocaine (IV)	8 mg	1 mg/kg
Lidocaine (ETT)	16 mg	2 mg/kg
Sodium Bicarbonate (IV)	8 mEq	1 mEq/kg; May repeat
Magnesium Sulfate (IV)	400 mg	50 mg/kg; Max 4 g
Calcium Chloride (IV)	160 mg	20 mg/kg; Max 500 mg
Naloxone (IV)	0.8 mg (800 mcg)	0.1 mg (100 mcg)/kg; Max 4 mg
Naloxone (ETT)	1.6 mg	0.2 mg (200 mcg)/kg; Max 8 mg

Tachycardia

6 months, 8 kg (17.6 lbs), Broselow Red

	Values	Details
Adenosine (IV)	0.8 (800 mcg)/1.6 mg	0.1 & 0.2 mg (100 & 200 mcg)/kg
Amiodarone (IV infusion)	40 mg	5 mg/kg over 20 minutes; May repeat x2; Max 300 mg
Cardioversion	4/8 J	0.5 & 1.0 J/kg

Bradycardia

6 months, 8 kg (17.6 lbs), Broselow Red

	Values	Details
EPINEPHrine (IV)	0.08 mg (80 mcg)	0.01 mg (10 mcg)/kg; Max 0.5 mg (500 mcg); q 3-5 minutes
Atropine (IV)	0.16 mg (160 mcg)	0.02 mg (20 mcg)/kg; Max single dose 0.6 mg (600 mcg); May repeat once
Atropine (ETT)	0.32 mg (320 mcg)	0.04 mg (40 mcg)/kg; Max single dose 1.2 mg; Max total dose 6 mg; May repeat x5 in 3-5 minutes

Fluid Resuscitation

6 months, 8 kg (17.6 lbs), Broselow Red

	Values	Details
Normal Saline	40 mL (160 mL)	5 mL/kg bolus x4; Max 20 mL/kg

Tranexamic Acid

120 mg over 1 minute

Volume of Tranexamic Acid: 1.2 ml

Sedation, Seizure, & Analgesia

6 months, 8 kg (17.6 lbs), Broselow Red

	Values	Details
MIDAZOLam (IM/IN/ETT)	1.6 mg	0.2 mg (200 mcg)/kg; Max 10 mg
MIDAZOLam (IV/IO)	0.8 mg (800 mcg)	0.1 mg (100 mcg)/kg; Max 5 mg
Morphine (IV/IM)	0.8 mg (800 mcg)	0.1 mg (100 mcg)/kg
DimenhyDRINATE (IV/IM) <i>ACP & Above</i>	10 mg	1.25 mg/kg, Max 5 mg/kg/day or Single dose of 25 mg
Acetaminophen (PO)	120 mg (1.5 mL)	15 mg/kg (80 mg/mL)

Poisoning & Overdose

6 months, 8 kg (17.6 lbs), Broselow Red

	Values	Details	**Note: Higher doses for naloxone in pediatrics are prescribed as pediatric patients are unlikely to experience withdrawal
Naloxone (IV/IM)	0.8 mg (800 mcg)	0.1 mg (100 mcg)/kg; to a maximum of 2 mg/dose. Repeat q 3 mins to effect. No maximum cumulative dose.	
Glucagon (IV)	0.8 mg (800 mcg)	Beta-blocker overdose 0.1 mg (100 mcg/kg IV	

Diabetic

6 months, 8 kg (17.6 lbs), Broselow Red

	Values	Details
Dextrose 10% (D10W)	40 mL	5 mL/kg; May be repeated
Glucagon (SC/IM)	0.24 mg (240 mcg)	0.03 mg (30 mcg)/kg; Max 1 mg

