

3-5 months

***Weight (KG):** 6-7 KG

Weight (Lbs): 13.2- 15.4

Heart Rate (Beats per minute): 109-159

Respiratory Rate (Breaths per minute): 29-56

Blood Pressure (Systolic Range/ Diastolic Range): 75-105/40-68

MAP (mmHg): 52 or higher

Broselow color: Pink

* Weight based on Broselow Tape

**Vitals based on BC PEWS

Airway Equipment

3 months, 6 kg (12.3 lbs), Broselow Pink

	Values	Formula
Tidal Volume	35 mL	4-8 mL/kg
Laryngoscope	0 Miller/Mac 1	-
Un-cuffed ETT	3.5 mm	$(\text{Age}/4)+4$
Cuffed ETT	3.0 mm	$(\text{Age}/4)+3$
ETT Depth	10.5 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

3 months, 6 kg (12.3 lbs), Broselow Pink

Dose	Route	Weight Based Dose	Calculated Dose
Normal Saline Bolus	IV/IO	10 mL/kg	60 mL
ketamine (stable)	IV/IO	1 - 2 mg/kg	6 - 12 mg
ketamine (unstable)	IV/IO	0.5 - 1 mg/kg	3 - 6 mg
epinephrine	IV/IO Slow push	1 mcg/kg	6 mcg
midazolam	IV/IO	0.05 mg/kg	0.3 mg

Maintenance doses on [Pediatric Induction Guideline](#) Page

Respiratory & Allergic Reaction**3 months, 6 kg (12.3 lbs), Broselow Pink**

Drug	Route	Weight Based Dose	Calculated Dose
Dexamethasone	IV/IO/PO	0.5 mg/kg	3 mg
DiphenhydrAMINE	IM/IV	1 mg/kg	6 mg
EPINEPHrine	IM	10 mcg/kg [Max total 1 mg]	60 mcg
EPINEPHrine	NEB	5 mg	5 mg
EPINEPHrine	IV/IO	5 mcg/kg [Max total 300 mcg]	30 mcg
Salbutamol	NEB	2.5 mg	2.5 mg
Salbutamol	MDI	--	NOT indicated
Ipratropium	NEB	250 mcg	250 mcg
Ipratropium	MDI	80 mcg	20 mcg x 4 sprays
Magnesium Sulfate	IV infusion	50 mg/kg over 20 minutes; [Max total 2 g]	300 mg

Cardiac Arrest

3 months, 6 kg (12.3 lbs), Broselow Pink

Drug	Route	Weight Based Dose	Calculated Dose
Defibrillation		2 & 4 J/kg	12 & 24 J
EPINEPHrine	IV/IO	10 mcg/kg [Max total 1 mg]	60 mcg
EPINEPHrine	ETT	0.1 mg/kg [Max total 10 mg]	0.6 mg
Amiodarone	IV/IO	5 mg/kg [Max total 300 mg]	30 mg
Lidocaine	IV/IO	1 mg/kg	6 mg
Lidocaine	ETT	2 mg/kg	6 mg
Sodium Bicarbonate	IV/IO	1 mEq/kg; May repeat	6 mEq
Magnesium Sulfate	IV/IO	50 mg/kg; Max 4 g	300 mg
Calcium Chloride	IV/IO	20 mg/kg [Max total 500 mg]	120 mg
Naloxone	IV/IO	0.1 mg/kg [Max total 4 mg]	0.6 mg
Naloxone	ETT	0.2 mg/kg [Max total 8 mg]	1.2 mg

Tachycardia

3 months, 6 kg (12.3 lbs), Broselow Pink

Drug	Route	Weight Based Dose	Calculated Dose
Adenosine	IV/IO	0.1 & 0.2 mg/kg	0.6 mg & 1.2 mg
Amiodarone	IV infusion	5 mg/kg over 20 minutes; May repeat x 2 [Max total 300 mg]	30 mg
Cardioversion		0.5 & 1.0 J/kg	3 & 6 J

Bradycardia

3 months, 6 kg (12.3 lbs), Broselow Pink

Drug	Route	Weight Based Dose	Calculated Dose
EPINEPHrine	IV/IO	10 mcg/kg; q 3-5 minutes [Max total 500 mcg]	60 mcg
Atropine	IV/IO	0.02 mg/kg; may repeat once. (Max 0.6 mg/Dose)	0.12 mg
Atropine	ETT	0.04 mg/kg (Max 1.2 mg/Dose); May repeat x 5 q 3-5 minutes [Max total dose 6 mg]	0.24 mg

Fluid Resuscitation

3 months, 6 kg (12.3 lbs), Broselow Pink

Drug	Route	Weight Based Dose	Calculated Dose
Normal Saline	IV/IO	5 mL/kg bolus x 4 [Max total 20 mL/kg]	30 mL
Tranexamic Acid (TXA)	IV/IO	15 mg/kg	90 mg (0.9 mL)

Sedation, Seizure, & Analgesia

3 months, 6 kg (12.3 lbs), Broselow Pink

Drug	Route	Weight Based Dose	Calculated Dose
MIDAZOLam	IM/IN/ETT	0.2 mg/kg [Max total 10 mg]	1.2 mg
MIDAZOLam	IV/IO	0.1 mg/kg [Max total 5 mg]	0.6 mg
Morphine	IV/IO/IM	0.1 mg/kg	0.6 mg
DimenhyDRINATE	IV/IO/IM <i>ACP and up</i>	1.25 mg/kg (Max 25 mg/Dose) [Max total 5 mg/kg]	7.5 mg
Acetaminophen	PO	15 mg/kg (80 mg/mL)	90 mg (1.1 mL)

Poisoning & Overdose

3 months, 6 kg (12.3 lbs), Broselow Pink

Drug	Route	Weight Based Dose	Calculated Dose
Naloxone	IV/IO/IM	0.1 mg/kg (Max 2 mg/Dose); Repeat q 3 mins	0.6 mg
Glucagon	IV/IO	Beta-blocker overdose 0.1 mg/kg	0.6 mg

***Note: Higher doses for naloxone in pediatrics are prescribed as pediatric patients are unlikely to experience withdrawal*

Diabetic

3 months, 6 kg (12.3 lbs), Broselow Pink

Drug	Route	Weight Based Dose	Calculated Dose
Dextrose 10% (D10W)	IV/IO	5 mL/kg; May be repeated	30 mL
Glucagon	SC/IM	0.03 mg/kg [Max total 1 mg]	0.18 mg

