

1 PINK:

Zone Weight: 6-7.4 kg (13-16.4 lbs)
 Zone Avg. Weight: 6.7 kg (14.7 lbs)
 Zone Length: 59.5 - 66.5 cm
 Zone Age: 2.5 months – 5.5 months

REACTION	MEDICATION	DOSAGE
BRONCHOSPASM (moderate)	ALBUTEROL for inhalation → OXYGEN →	2 puffs 10-15 L/min blow by or face mask
BRONCHOSPASM (severe)	Add: EPINEPHRINE (1:1000 = 1 mg/mL) →	0.07 mg (0.07 mL) IM anterior thigh
LARYNGEAL EDEMA	EPINEPHRINE (1:1000 = 1 mg/mL) → OXYGEN →	0.07 mg (0.07 mL) IM anterior thigh 10-15 L/min blow by or face mask
PULMONARY EDEMA	Sit patient up OXYGEN →	 10-15 L/min blow by or face mask
HYPOTENSION	Trendelenburg position NORMAL SALINE →	 100 mL NS IV
HIVES	DIPHENHYDRAMINE → (50 mg/mL) If severe: EPINEPHRINE (1:1000 = 1 mg/mL) →	6.7 mg (0.13 mL) IV 0.07 mg (0.07 mL) IM anterior thigh
VASOVAGAL REACTION	Trendelenburg position ATROPINE (1 mg/10 mL) →	 0.13 mg (1.3 mL) IV
SEIZURE	DIAZEPAM (5 mg/mL) →	2 mg (0.4 mL) IV

2 RED:

Zone Weight: 7.5-9.4 kg (16.5-20.4 lbs)
 Zone Avg. Weight: 8.5 kg (18.5 lbs)
 Zone Length: 66.5 - 74 cm
 Zone Age: 5.5 months – 11.5 months

REACTION	MEDICATION	DOSAGE
BRONCHOSPASM (moderate)	ALBUTEROL for inhalation → OXYGEN →	2 puffs 10-15 L/min blow by or face mask
BRONCHOSPASM (severe)	Add: EPINEPHRINE (1:1000 = 1 mg/mL) →	0.09 mg (0.09 mL) IM anterior thigh
LARYNGEAL EDEMA	EPINEPHRINE (1:1000 = 1 mg/mL) → OXYGEN →	0.09 mg (0.09 mL) IM anterior thigh 10-15 L/min blow by or face mask
PULMONARY EDEMA	Sit patient up OXYGEN →	10-15 L/min blow by or face mask
HYPOTENSION	Trendelenburg position NORMAL SALINE →	125 mL NS IV
HIVES	DIPHENHYDRAMINE → (50 mg/mL) If severe: EPINEPHRINE (1:1000 = 1 mg/mL) →	8.7 mg (0.17 mL) IV 0.09 mg (0.09 mL) IM anterior thigh
VASOVAGAL REACTION	Trendelenburg position ATROPINE (1 mg/10 mL) →	0.17 mg (1.7 mL) IV
SEIZURE	DIAZEPAM (5 mg/mL) →	2.6 mg (0.52 mL) IV

3 PURPLE:

Zone Weight: 9.5-11.4 kg (20.5-25.4 lbs)
 Zone Avg. Weight: 10.5 kg (23.0 lbs)
 Zone Length: 74 - 84.5 cm
 Zone Age: 11.5 months – 22 months

REACTION	MEDICATION	DOSAGE
BRONCHOSPASM (moderate)	ALBUTEROL for inhalation →	2 puffs
	OXYGEN →	10-15 L/min blow by or face mask
BRONCHOSPASM (severe)	Add:	
	EPINEPHRINE (1:1000 = 1 mg/mL) →	0.1 mg (0.1 mL) IM anterior thigh
LARYNGEAL EDEMA	EPINEPHRINE (1:1000 = 1 mg/mL) →	0.1 mg (0.1 mL) IM anterior thigh
	OXYGEN →	10-15 L/min blow by or face mask
PULMONARY EDEMA	Sit patient up	
	OXYGEN →	10-15 L/min blow by or face mask
HYPOTENSION	Trendelenburg position	
	NORMAL SALINE →	150 mL NS IV
HIVES	DIPHENHYDRAMINE (50 mg/mL) →	10.5 mg (0.21 mL) IV
	If severe: EPINEPHRINE (1:1000 = 1 mg/mL) →	0.1 mg (0.1 mL) IM anterior thigh
VASOVAGAL REACTION	Trendelenburg position	
	ATROPINE (1 mg/10 mL) →	0.21 mg (1.2 mL) IV
SEIZURE	DIAZEPAM (5 mg/mL) →	3 mg (0.6 mg) IV

4 YELLOW:

Zone Weight: 11.5-14.4 kg (25.5-31.4 lbs.)
 Zone Avg. Weight: 13 kg (28.5 lbs.)
 Zone Length: 84.5 - 96.5 cm
 Zone Age: 22 months – 3 yr. 2 mo.

REACTION	MEDICATION	DOSAGE
BRONCHOSPASM (moderate)	ALBUTEROL for inhalation → OXYGEN →	2 puffs 10-15 L/min blow by or face mask
BRONCHOSPASM (severe)	Add: EPINEPHRINE (1:1000 = 1 mg/mL) →	0.13 mg (0.13 mL) IM anterior thigh
LARYNGEAL EDEMA	EPINEPHRINE (1:1000 = 1 mg/mL) → OXYGEN →	0.13 mg (0.13 mL) IM anterior thigh 10-15 L/min blow by or face mask
PULMONARY EDEMA	Sit patient up OXYGEN →	10-15 L/min blow by or face mask
HYPOTENSION	Trendelenburg position NORMAL SALINE →	200 mL NS IV
HIVES	DIPHENHYDRAMINE (50 mg/mL) → If severe: EPINEPHRINE (1:1000 = 1 mg/mL) →	13 mg (0.26 mL) IV 0.13 mg (0.13 mL) IM anterior thigh
VASOVAGAL REACTION	Trendelenburg position ATROPINE (1 mg/10 mL) →	0.26 mg (2.6 mL)
SEIZURE	DIAZEPAM (5 mg/mL) →	3.9 mg (0.78 mL) IV

5 WHITE:

Zone Weight: 14.5-18.4 kg (31.5-40.4 lbs.)
 Zone Avg. Weight: 16.5 kg (36.0 lbs.)
 Zone Length: 97.5 - 110 cm
 Zone Age: 3 yr. 2 mo. – 5 yr. 2 mo.

REACTION	MEDICATION	DOSAGE
BRONCHOSPASM (moderate)	ALBUTEROL for inhalation → OXYGEN →	2 puffs 10-15 L/min blow by or face mask
BRONCHOSPASM (severe)	Add: EPINEPHRINE (1:1000 = 1 mg/mL) →	0.17 mg (0.17 mL) IM anterior thigh
LARYNGEAL EDEMA	EPINEPHRINE (1:1000 = 1 mg/mL) → OXYGEN →	0.17 mg (0.17 mL) IM anterior thigh 10-15 L/min blow by or face mask
PULMONARY EDEMA	Sit patient up OXYGEN →	10-15 L/min blow by or face mask
HYPOTENSION	Trendelenburg position NORMAL SALINE →	250 mL NS IV
HIVES	DIPHENHYDRAMINE (50 mg/mL) → If severe: EPINEPHRINE (1:1000 = 1 mg/mL) →	16.5 mg (0.33 mL) IV 0.17 mg (0.17 mL) IM anterior thigh
VASOVAGAL REACTION	Trendelenburg position ATROPINE (1 mg/10 mL) →	0.33 mg (3.3 mL) IV
SEIZURE	DIAZEPAM (5 mg/mL) →	5 mg (1 mL) IV

6 BLUE:

Zone Weight: 18.5-22.4 kg (40.5-49.4 lbs.)
 Zone Avg. Weight: 20.5 kg (45.0 lbs.)
 Zone Length: 110 - 122 cm
 Zone Age: 5 yr. 2 mo. – 7 yr. 4 mo.

REACTION	MEDICATION	DOSAGE
BRONCHOSPASM (moderate)	ALBUTEROL for inhalation → OXYGEN →	2 puffs 10-15 L/min blow by or face mask
BRONCHOSPASM (severe)	Add: EPINEPHRINE (1:1000 = 1 mg/mL) →	0.2 mg (0.2 mL) IM anterior thigh
LARYNGEAL EDEMA	EPINEPHRINE (1:1000 = 1 mg/mL) → OXYGEN →	0.2 mg (0.2 mL) IM anterior thigh 10-15 L/min blow by or face mask
PULMONARY EDEMA	Sit patient up OXYGEN →	10-15 L/min blow by or face mask
HYPOTENSION	Trendelenburg position NORMAL SALINE →	300 mL NS IV
HIVES	DIPHENHYDRAMINE (50 mg/mL) → If severe: EPINEPHRINE (1:1000 = 1 mg/mL) →	20.5 mg (0.41 mL) 0.2 mg (0.2 mL) IM anterior thigh
VASOVAGAL REACTION	Trendelenburg position ATROPINE (1 mg/10 mL) →	0.4 mg (4 mL)
SEIZURE	DIAZEPAM (5 mg/mL) →	6 mg (1.2 mL)

7 ORANGE:

Zone Weight: 22.5-31.4 kg (49.5-69.4 lbs.)
 Zone Avg. Weight: 26 kg (59.5 lbs.)
 Zone Length: 122 - 137 cm
 Zone Age: 7 yr. 4 mo. – 9 yr. 2 mo.

REACTION	MEDICATION	DOSAGE
BRONCHOSPASM (moderate)	ALBUTEROL for inhalation →	2 puffs
	OXYGEN→	10-15 L/min blow by or face mask
BRONCHOSPASM (severe)	Add:	
	EPINEPHRINE (1:1000 = 1 mg/mL) →	0.26 mg (0.26 mL) IM anterior thigh
LARYNGEAL EDEMA	EPINEPHRINE (1:1000 = 1 mg/mL) →	0.26 mg (0.26 mL) IM anterior thigh
	OXYGEN →	10-15 L/min blow by or face mask
PULMONARY EDEMA	Sit patient up	
	OXYGEN →	10-15 L/min blow by or face mask
HYPOTENSION	Trendelenburg position	
	NORMAL SALINE →	390 mL NS IV
HIVES	DIPHENHYDRAMINE (50 mg/mL) →	26 mg (0.52 mL) IV
	If severe: EPINEPHRINE (1:1000 = 1 mg/mL) →	0.26 mg (0.26 mL) IM anterior thigh
VASOVAGAL REACTION	Trendelenburg position	
	ATROPINE (1 mg/10 mL) →	0.52 mg (5.2 mL) IV
SEIZURE	DIAZEPAM (5 mg/mL) →	7.8 mg (1.56 mL) IV

8 GREEN:

Zone Weight: 31.5-40.4 kg (69.5-88.4 lbs.)
 Zone Avg. Weight: 36 kg (79 lbs.)
 Zone Length: 137 - 150 cm
 Zone Age: 9 yr. 2 mo. – 13 yr. 6 mo.

REACTION	MEDICATION	DOSAGE
BRONCHOSPASM (moderate)	ALBUTEROL for inhalation → OXYGEN →	2 puffs 10-15 L/min blow by or face mask
BRONCHOSPASM (severe)	Add: EPINEPHRINE (1:1000 = 1 mg/mL) →	0.36 mg (0.36 mL) IM anterior thigh
LARYNGEAL EDEMA	EPINEPHRINE (1:1000 = 1 mg/mL) → OXYGEN →	0.36 mg (0.36 mL) IM anterior thigh 10-15 L/min blow by or face mask
PULMONARY EDEMA	Sit patient up OXYGEN →	10-15 L/min blow by or face mask
HYPOTENSION	Trendelenburg position NORMAL SALINE →	540 mL NS IV
HIVES	DIPHENHYDRAMINE (50 mg/mL) → If severe: EPINEPHRINE (1:1000 = 1 mg/mL) →	36 mg (0.72 mL) IV 0.36 mg (0.36 mL) IM anterior thigh
VASOVAGAL REACTION	Trendelenburg position ATROPINE (1 mg/10 mL) →	0.72 mg (7.2 mL) IV
SEIZURE	DIAZEPAM (5 mg/mL) →	10 mg (2 mL) IV

9 BLACK:

Zone Weight: 40.5-55 kg (88.5-121 lbs.)
 Zone Avg. Weight: 47.8 kg (104.8 lbs.)
 Zone Length: over 150 cm
 Zone Age: over 13.5 yrs.

REACTION	MEDICATION	DOSAGE
BRONCHOSPASM (moderate)	ALBUTEROL for inhalation →	2 puffs
	OXYGEN →	10-15 L/min blow by or face mask
BRONCHOSPASM (severe)	Add: EPINEPHRINE (1:1000 = 1 mg/mL) →	0.48 mg (0.48 mL) IM anterior thigh
LARYNGEAL EDEMA	EPINEPHRINE (1:1000 = 1 mg/mL) →	0.48 mg (0.48 mL) IM anterior thigh
	OXYGEN →	10-15 L/min blow by or face mask
PULMONARY EDEMA	Sit patient up	
	OXYGEN →	10-15 L/min blow by or face mask
HYPOTENSION	Trendelenburg position	
	NORMAL SALINE →	720 mL NS IV
HIVES	DIPHENHYDRAMINE (50 mg/mL) →	47.8 mg (0.96 mL)
	If severe: EPINEPHRINE (1:1000 = 1 mg/mL) →	0.48 mg (0.48 mL) IM anterior thigh
VASOVAGAL REACTION	Trendelenburg position	
	ATROPINE (1 mg/10 mL) →	0.96 mg (9.6 mL)
SEIZURE	DIAZEPAM (5 mg/mL) →	10 mg (2 mL)