



2. The Red section lists the wrong settings for cardioversion and defibrillation

6-11 months			<b>RED</b>		Normal Heart Rate: 90-180 Normal Respiratory Rate: 30-53 Normal Systolic BP: 72-104 Minimum Systolic BP: 70
RESUSCITATION			FLUIDS/BLOOD PRODUCTS		
Adenosine IV/IO	1st Dose	0.35 mg (0.28 mL) (3 mg/mL)	Fluid Bolus 0.9 NS or LR (IV/IO)	170 mL	
	2nd Dose	1.7 mg (0.57 mL)			
Amiodarone IV/IO (50 mg/mL)		42.5 mg (0.85 mL)	Blood Products (IV/IO)	85 mL	
Atropine IV/IO (0.1 mg/mL)		0.17 mg (1.7 mL)	Maintenance Fluids (IV/IO)		
Calcium Chloride 10% IV/IO (100 mg/mL)		170 mg (1.7 mL)	0.9 NS with appropriate potassium chloride (KCl) and dextrose	34 mL/hour	
EPINEPHRINE IV/IO (1 mg/10 mL)		0.09 mg (0.9 mL)	EQUIPMENT		
Lidocaine 2% IV/IO (20 mg/mL)		0.5 mg (0.43 mL)	AIRWAY MANAGEMENT		
Magnesium (40 mg/mL)		425 mg (10.6 mL)	ETT Section Catheter	6 – 8 French	
Sulfate IV/IO (80 mg/mL)		425 mg (5.3 mL)	Laryngeal Mask Airway*	1.5	
Sodium Bicarbonate IV/IO	4.2%	8.5 mEq (17 mL)	i-gel Airway*	1.5	
	8.4%	NA	King Airway*	1	
CARDIOVERSION/DEFIBRILLATION			Laryngoscope Blade	1	
Synchronized Cardioversion	1st Dose	15 Joules	Nasal Airway*	14 French	
	2nd Dose	20 Joules	Oral Airway	50 mm	
1st Defibrillation		20 Joules	Oral ETT*	4.0 uncuffed or 3.5 cuffed	
2nd Defibrillation		50 Joules	Oral ETT Secured at Teeth/Gumline	10.5 – 12 cm	
3rd Defibrillation		70 Joules	OTHER		
*May not be included in Organizer System(s).			Chest Tube or Smaller Pigtail Catheter*	10 – 14 French	
Nasal Airway Size - Tip of Nose to Earlobe			Foley Urinary Catheter*	6 – 8 French	
Oral Airway Size - Corner of Mouth to Earlobe			Intraosseous (IO)	15 Gauge	
			NEEDLE Tube	6 – 8 French	
			Peripheral IV	22 – 24 Gauge	
8 ka			9 ka		

Airlife, the manufacturer, is still doing an internal assessment to determine the exact plan of action of how to handle the 2025 tapes that have already been sent. The decision on how to proceed with the tapes in the field will be based on the review from their internal quality team and clinical consultants. Armstrong will be drafting a letter to those who have purchased the new Broselow Tape pending details from Airlife.

It is recommended for any agency using the Broselow Pediatric Emergency Tape, 2025 edition to remove the tapes from clinical use. The current Maine EMS prehospital protocol has references on:

- Pediatric Equipment Sizes on Pink 10 by weight and color coding
- Pediatric Vital Sizes on Pink 8 by age and weight
- Pediatric Cardiac Arrest Medication Dosages on Red 21

**Note** – A Broselow Tape is NOT a required piece of equipment (and doses listed in the tape may vary from Maine EMS approved protocols), however a length/weight based tape **IS** required by Maine EMS rules on all non-transporting, transporting, and air agencies at every licensure and permitted level (Maine EMS Rules Chapter 17 §5 Fluids & Medications, Page 17-7 <https://www.maine.gov/ems/sites/maine.gov/ems/files/inline-files/Maine-EMS-Rules-Effective-20250226.pdf>). There are many different manufacturers and products that meet this requirement, and Maine EMS does not endorse one product over another.

Please contact the Maine EMS for Children program for any assistance at [maine.ems@maine.gov](mailto:maine.ems@maine.gov) or 207-626-3867