

Medications for Neonatal Resuscitation Program 2011

Canadian Adaptation

Medication	Concentration	Preparation	Dose/Route	Weight/Dose	Rate
Epinephrine ET	1: 10,000	Draw up in a 3 mL syringe and label "for ET"	1 mL/kg by ET (max 3 mL/dose)	1kg = 1 mL 2kg = 2 mL ≥ 3kg = 3 mL	Rapidly Do not follow with a flush <i>First dose may be given via ET while UVC inserted</i>
Epinephrine* IV/UVC *preferred route	1:10,000	Draw up in a 1 mL syringe and label "for IV/UVC"	0.1 mL/kg by IV	1kg = 0.1 mL 2kg = 0.2 mL 3kg = 0.3 mL 4kg = 0.4 mL	Rapidly Follow with up to 5 mL 0.9% NaCl flush
Volume Expanders	Normal Saline Ringer's Lactate Whole Blood	40 mL (Prepare 2 x 20 mL syringes and label)	10 mL/kg by IV	1kg = 10 mL 2kg = 20 mL 3kg = 30 mL 4kg = 40 mL	Over 5 to 10 minutes
Naloxone 1 mg/mL OR 0.4 mg/mL		1 mL	0.1 mg/kg IV or IM .	Not a resuscitation drug. Calculations based on weight and drug concentration.	Rapidly
		CAUTION: Naloxone is not the first corrective therapy for a newborn who is not breathing effectively. The first corrective action is positive pressure ventilation. (NRP Textbook, 2011)			
Sodium Bicarbonate	0.5 mEq/mL 4.2% solution	Use during resuscitation remains controversial. Consider consultation. (NRP Textbook, 2011)			