Canadian Paediatric Society / Société canadienne de pédiatrie

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** *First dose may be given via ET while UVC inserted*
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)			