

Medications for Neonatal Resuscitation Program 2006 Canadian Adaptation

Medication	Concentration	Preparation	Dose and Route	Quick Dose Check	Rate
Epinephrine ET	1: 10,000	Draw up in 3 mL syringe and label "for ET"	1.0 mL/kg by ET (max 3 mL/dose)	1kg = 1 mL 2kg = 2 mL ≥ 3kg = 3 mL	Rapidly Do not follow with a flush
Epinephrine IV	1:10,000	Draw up in 1 mL syringe and label "for IV"	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	0.9% NaCl Ringer's Lactate O Rh negative blood	40 mL	10 mL/kg by IV	1kg = 10 mL 2kg = 20 mL 3kg = 30 mL 4kg = 40 mL	Over 5 to 10 minutes
Naloxone	1.0 mg/mL or 0.4 mg/mL	1 mL	0.1 mg/kg IV or IM.	Not a resuscitation drug: calculate as per drug concentration and infant's weight	Rapidly
Caution: Naloxone is not the corrective first therapy for a baby who is not breathing. The first corrective action is positive pressure ventilation.					
Sodium Bicarbonate	0.5 mEq/mL (4.2% solution)	Use is controversial. Consider consultation. Refer to <i>Neonatal Resuscitation Textbook</i> (5 th Edition - 2006), pages 7-13 to 7-14.			