

## MEDICATIONS FOR NEONATAL RESUSCITATION

### EPINEPHRINE

<b>CONCENTRATION:</b>	1:10 000	<b>INFANT WEIGHT</b>	<b>TOTAL DOSE (ML)</b>
<b>PREPARATION:</b>	1 ml	1 kg	0.1-0.3 ml
<b>DOSAGE/ROUTE:</b>	IV/ET/IO 0.1-0.3 ml/kg	2 kg	0.2-0.6 ml
<b>RATE/PRECAUTIONS:</b>	Administer rapidly	3 kg	0.3-0.9 ml
		4 kg	0.4-1.2 ml

### VOLUME EXPANSION

<b>CONCENTRATION:</b>	Normal saline	<b>INFANT WEIGHT</b>	<b>TOTAL DOSE (ML)</b>
<b>PREPARATION:</b>	40 ml	1 kg	10 ml
<b>DOSAGE/ROUTE:</b>	IV or IO 20 ml/kg	2 kg	20 ml
<b>RATE/PRECAUTIONS:</b>	Administer over 5-10 minutes	3 kg	30 ml
		4 kg	40 ml

### SODIUM BICARBONATE (NAHCO<sub>3</sub>)

<b>CONCENTRATION:</b>	0.5 mEq/ml	<b>INFANT WEIGHT</b>	<b>TOTAL DOSE (ML)</b>
<b>PREPARATION:</b>	20 ml or two 10 ml prefilled syringes	1 kg	2 mEq 4 ml
<b>DOSAGE/ROUTE:</b>	IV or IO 2 mEq/kg	2 kg	4 mEq 8 ml
<b>RATE/PRECAUTIONS:</b>	Administer slowly over at least 2 minutes, only if infant being effectively ventilated.	3 kg	6 mEq 12 ml
		4 kg	8 mEq 16 ml

**NALOXONE (NARCAN®)**

**CONCENTRATION:** 0.4 mg/ml

**PREPARATION:** 1 ml

**DOSAGE/ROUTE:** IV/ET/IO/IN  
0.25 ml/kg

**RATE/PRECAUTIONS:** Administer rapidly

INFANT WEIGHT	TOTAL DOSE (ML)
1 kg	0.25 ml
2 kg	0.5 ml
3 kg	0.75 ml
4 kg	1 ml

**DOPAMINE**

**CONCENTRATION:**  $[6 \times \text{Weight}(\text{ kg}) \times \text{Desired dose}(\text{ mcg/kg/min})]$

Desired fluid (ml/hr)

=

Mg of dopamine per 100 ml solution

**DOSAGE/ROUTE:** IV or IO drip  
Begin at 5 mcg/kg/min.  
May increase to 20 mcg/kg/min if necessary.

INFANT WEIGHT	TOTAL DOSE (ML)
1 kg	5-20 mcg/min
2 kg	10-40 mcg/min
3 kg	15-60 mcg/min
4 kg	20-80 mcg/min