

MEDICATIONS FOR NEONATAL RESUSCITATION

EPINEPHRINE

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

VOLUME EXPANSION

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

SODIUM BICARBONATE (NAHCO₃)

CONCENTRATION:	0.5 mEq/ml	INFANT WEIGHT	TOTAL DOSE (ML)
PREPARATION:	20 ml or two 10 ml prefilled syringes	1 kg	2 mEq 4 ml
DOSAGE/ROUTE:	IV or IO 2 mEq/kg	2 kg	4 mEq 8 ml
RATE/PRECAUTIONS:	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	INFANT WEIGHT	TOTAL DOSE (ML)
PREPARATION:	1 ml	1 kg	0.25 ml
DOSAGE/ROUTE:	IV/ET/IO/IN 0.25 ml/kg	2 kg	0.5 ml
RATE/PRECAUTIONS:	Administer rapidly	3 kg	0.75 ml
		4 kg	1 ml

DOPAMINE

CONCENTRATION:	$[6 \times \text{Weight(kg)} \times \text{Desired dose (mcg/kg/min)}]$ Desired fluid (ml/hr) = Mg of dopamine per 100 ml solution	INFANT WEIGHT	TOTAL DOSE (ML)
DOSAGE/ROUTE:	IV or IO drip Begin at 5 mcg/kg/min. May increase to 20 mcg/kg/min if necessary.	1 kg	5-20 mcg/min
		2 kg	10-40 mcg/min
		3 kg	15-60 mcg/min
		4 kg	20-80 mcg/min