

NEONATAL RESUSCITATION DRUGS				
DRUG	DOSE	DILUTION INSTRUCTIONS	ADMINISTRATION	COMMENTS
ADRENALINE (EPINEPHRINE) 1:10,000 100microgram/ml	20microgram/kg	No need to dilute Draw up required volume into a 1ml syringe	0.2ml x weight (kg) of 1:10,000 strength Rapid IV bolus / UVC / intraosseous	Repeat dose every 3-5 minutes if required and consider use of sodium bicarbonate See Adrenaline(for resuscitation) monograph for endotracheal (ET) dose
SODIUM BICARBONATE 4.2%	2ml/kg	No need to dilute	Give 2ml X weight (kg) Slow IV, or via UVC over 3-5 min.	Single dose May be repeated Incompatible with all other drugs and fluids
GLUCOSE 10%	2.5ml/kg	No need to dilute	IV Over 10-20 seconds	
Sodium Chloride 0.9%	10ml/kg	No need to dilute	IV over 10-20 seconds	
<u>Naloxone</u>				
NB Naloxone is NOT a resuscitation drug. It may be required, to reverse opiate induced sedation, <u>following</u> resuscitation				
NALOXONE (NARCAN) 400microgram/ml	200micrograms	No need to dilute	Give 0.5ml IM into the anterior thigh once only	Reversal of narcotic-induced respiratory depression following maternal use in labour. Do not give to infant whose mother is an opiate user
Vitamin K at birth doses:				
VITAMIN K Phytomenadione (Konakion) 2mg in 0.2ml	Gestation < 36⁺⁰ weeks Dose= 0.5mg IM		Gestation ≥ 36⁺⁰ weeks Dose= 1mg IM	

NEONATAL INTUBATION DRUGS

N.B. For Hypoplastic Left Heart / complex cardiac patients – See separate local guidance

DRUG	DOSE	DILUTION INSTRUCTIONS	ADMINISTRATION	COMMENTS
ATROPINE 600microgram/ml	15microgram/kg	Dilute 300micrograms (0.5ml) to 10ml with 0.9% saline = 30microgram in 1ml	Give 0.5ml X weight (kg) of 30microgram/ml solution	IV injection over a few seconds., followed by a 0.5-1ml flush over a few seconds
FENTANYL Intubation kit 10microgram/ml	5microgram/kg	No need to dilute	Give 0.5ml X weight (kg) of 10microgram/ml solution	Single dose, slow IV injection , over 60 seconds followed by a 0.5-1ml flush over 60 seconds
FENTANYL 100microgram/2ml If no kits available	5microgram/kg	Dilute 25 micrograms (0.5ml) to 2.5ml total with 0.9% saline = 10microgram in 1ml	Give 0.5ml X weight (kg) of 10microgram/ml solution	Single dose, slow IV injection , over 60 seconds followed by a 0.5-1ml flush over 60 seconds
SUXAMETHONIUM Intubation kit 10mg in 2.5ml	2mg/kg	No need to dilute	Give 0.5ml X weight (kg) of 10mg in 2.5ml solution	Single dose, IV injection over a few seconds, followed by a 0.5-1ml flush over a few seconds Repeated once if necessary after 2 – 6 minutes
SUXAMETHONIUM 100mg / 2ml If no kits available	2mg/kg	Dilute 10mg (0.2ml) to 2.5ml with 0.9% saline = 4mg in 1ml (prepare 2 doses)	Give 0.5ml X weight of 4mg/ml solution	Single dose, IV injection over a few seconds, followed by a 0.5-1ml flush over a few seconds Repeated once if necessary after 2 – 6 minutes
MORPHINE 10mg / ml	100 microgram/kg	Dilute 4mg (0.4ml) to 20ml with 0.9% saline = 200microgram in 1ml	Give 0.5ml X weight (kg) of 200microgram in 1ml solution	Single dose IV injection over 5min Repeated once if necessary.