

NEWBORN EMERGENCY TRANSPORT SERVICE MEDICAL GUIDELINES
Resuscitation and Intubation Drugs for Neonates

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Review date: November 2018

Newborn Emergency Transport Service Medical Guidelines
King Edward Memorial/Princess Margaret Hospitals
Perth Western Australia
Authorisation and review by NETS WA

Date:..... Name of Baby:..... Weight:.....kg.....

Drug	Original Concentration	Dilution	Dosage	Dose to be given (ml/kg)	Volume for patient (ml)
Morphine (PMH/KEMH NCCU)	1mg/ml	Do not dilute	100-200 micrograms/kg	0.1-0.2 ml/kg	
Morphine (other hospitals)	10mg/ml	1ml Morphine + 9ml WFI=1mg/ml (10mg in 10ml)	100-200 micrograms/kg	0.1 -0.2ml/kg	
Fentanyl	100 micrograms/2ml	2ml Fentanyl + 8ml normal saline = 10 micrograms/ml	4 micrograms/kg	0.4ml/kg	
Atropine	600 micrograms/ml	1ml Atropine + 5ml WFI =100micrograms/ml (600micrograms in 6ml)	20 micrograms/kg	0.2ml/kg	
Suxamethonium	100mg/2ml	1ml Suxamethonium + 4mlWFI=10mg/ml (50mg in 5ml)	2mg/kg	0.2ml/kg	
Naloxone	400 micrograms/ml	Do not dilute	100 micrograms/kg	0.25ml/kg	
Adrenaline	1:10 000	Give neat through ETT, good IV or UVC	>34 weeks: 1ml/dose <34 weeks: 0.5ml/dose		
8.4% Na Bicarbonate	1mmol/ml	Dilute 1:1 with WFI (0.5mmol/ml) Give slowly through a good vein or UVC	1-2mmol/kg over 30 mins	2ml/kg	
Midazolam	15mg/3ml	1ml Midazolam + 4ml WFI=1mg/ml (5mg in 5ml)	100 micrograms/kg	0.1ml/kg	