

Neonatal & Infant Nurse Controlled Analgesia Prescription Chart
Royal Hospital for Sick Children, Yorkhill, Glasgow

Addressograph Name: D.O.B.: Hospital No:	Weight	kg	Age
	Operation / Indication		
	Date NCA started: / / 20		Time NCA commenced
	Ward		Day(s) post op

Morphine (1mg/kg)mg made up to 50ml in **10% Dextrose** =micrograms/ml

Bolus dose of morphine (range 0.25 -1ml)ml =micrograms/kg Lockout interval 20 / 30 minutes

Background infusion (range 0 – 1ml/hr).ml/hr =micrograms/kg/hr

Dosage advice on reverse of this form

Additional instructions / comments

Pump Serial No: YZ	Signature of prescriber _____	Print Name _____
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PLEASE USE PAIN ASSESSMENT SCORING TOOL SYSTEM (PAT)

Date Time	SpO ₂ in air	RR	Pain Score Resting	Pain Score Moving	Sedation score	Number of NCA doses Total Good	Volume left in syringe (ml)	Hrly device protocol & site check	Comments, problems signature & designation
If vital signs on NICU chart, don't duplicate here									
0800									
0900									
1000									
1100									
1200									
1300									
1400									
1500									
1600									
1700									
1800									
1900									
2000									
2100									
2200									
2300									
2400									
0100									
0200									
0300									
0400									
0500									
0600									
0700									
24 hour total									

Neonatal & Infant Nurse Controlled Analgesia Prescription Chart

Royal Hospital for Sick Children, Yorkhill, Glasgow

Dosage advice for Neonatal & Infant NCAs.

Patients will vary in their requirements & this advice is written for guidance, clinicians should be cautious about commencing a NCA on doses exceeding those given below

Age <1 month not ventilated

Bolus dose of morphine 0.25 ml = 5 micrograms/kg Lockout interval **30** minutes, no background infusion

Age 1 –3 months not ventilated

Bolus dose of morphine 0.5 ml = 10micrograms/kg Lockout interval **30** minutes, no background infusion

Age 3-12 months or any age if ventilated

Bolus dose of morphine 0.25 - 1 ml = 5 – 20 micrograms/kg Lockout interval **20** mins

Background infusion @. 0 – 1ml /hr = 0 – 20 micrograms/kg/hr

Please note that if the following scores /observations occur the following action should be taken:

Patient Unroutable	Call 2222 & follow hospital resuscitation guidelines Consider administering Naloxone 20 micrograms/kg iv
SpO ₂ < 90%	Administer high flow O ₂ by face mask immediately Call Ward Doctor. Inform Pain Team. Call Duty Anaesthetist Page 8602 Consider administering Naloxone 10 micrograms/kg iv
RR < 10 / min	Administer high flow O ₂ by face mask immediately Call Ward Doctor Call Duty Anaesthetist Page 8602 Consider administering Naloxone 10 micrograms/kg iv
PAT Pain score. Score>5 would indicate a need for nursing measure and/or analgesia	Record baby's response to nursing comfort measure and/or analgesia around 30-40 minutes later. If no improvement contact ward doctor, Inform Pain Team

Parenteral Drugs: Regular prescription

DRUG

M O R P H I N E

DOSE

ROUTE

IV

DATE

**29/1/
13**

DATE

INITIALS

STOPPED

PRESCRIBER SIGN & PRINT

I Gas

GAS

ADDITIONAL INSTRUCTIONS / COMMENTS / PHARMACY

See NCA Chart

Please prescribe in Patients Kardex as per this example

ANY PROBLEMS CONTACT: Clinical Nurse Specialist Pain Management Page 8133 or if unavailable, duty anaesthetist page 8602