

# PRESCRIPTION CHART

## Intravenous Nurse/ Patient Controlled Analgesia

WARD

Pain Control Service

Great Ormond Street Hospital for Children

NHS Foundation Trust, Great Ormond Street, London, WC1N 3JH

**IV NCA / PCA**  
**Oxycodone**  
**only**

SURNAME	FIRST NAME	HOSPITAL NUMBER	D.O.B.	AGE	WEIGHT
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ALLERGIES ?	SPECIAL INSTRUCTIONS
	<ul style="list-style-type: none"> <li>Ensure protocol is printed on the back of this prescription</li> <li>Use in conjunction with Trust Clinical Practice Guidelines</li> </ul>

<b>OXYCODONE</b> (≤ 50 kg one mg/kg) (> 50 kg 50 mg)		DATE															
DOSE	mg	HR															
made up to 50 ml with 0.9% sodium chloride or 5% glucose Tick which solution to be used <input type="checkbox"/> <input type="checkbox"/>																	
<b>MAXIMUM VOLUME</b> in any 4 hour period <b>excluding</b> Loading Dose or Extra Bolus 20 ml		MIN															
<b>PCA</b> BACKGROUND 0 – 0.2 ml/hr BOLUS 0.5 – 2ml LOCKOUT 5 – 10 min	<b>DOSE RANGE</b> 0 – 0.2 ml/hr 0.5 – 2ml 5 – 10 min	ROUTE	• EXTRA BOLUS DOSE														
<b>NCA</b> BACKGROUND 0 – 1 ml/hr BOLUS 0.5 – 1ml LOCKOUT 15 – 30 min LOCKOUT ICU ONLY 5 minutes	<b>DOSE RANGE</b> 0 – 1 ml/hr 0.5 – 1ml 15 – 30 min 5 minutes	IV	• LOAD DOSE														
<b>LOADING DOSE or EXTRA BOLUS</b> <b>Oxycodone:</b> 10 – 100 microgram/kg (0.5 - 5ml) <b>MAX DOSE:</b> 100 microgram/kg to max of 5 mg		• SYRINGE CHANGE															
START DATE	SIGNATURE	BLEEP	SIGN														
		0577															
PHARMACY USE																	

## AS REQUIRED DRUGS

<b>NALOXONE</b> For respiratory depression		DATE															
DOSE	other	ROUTE(S)	Additional Instructions	HR													
PRN		IV	4 micrograms/kg (Max 200 mcg)	MIN													
micrograms		MAX FREQ	RESP RATE	DOSE GIVEN													
		STAT	<	ROUTE													
START DATE	SIGNATURE	BLEEP	..... breaths/min	SIGN													
		0577															
PHARMACY USE																	

Protocol overleaf

**Use in conjunction with Pain Management Chart and Clinical Practice Guidelines**

**Special  
Precautions**

- Oxycodone is an alternative opioid, which may be used for patients who have a contra-indication to morphine and fentanyl or as part of an opioid rotation plan.

## General instructions

- **No supplementary opioids unless requested by the Anaesthetist or Pain Control Service**
- Line for IV opioids should be exclusive or an anti-reflux valve must be used
- An anti-syphon line must be used
- Record observations according to Clinical Practice Guidelines (at least hourly)
- Assess for pain and potential opioid related side-effects hourly while on NCA/PCA, and for 6 hours after cessation
- **Multi-modal / synergistic analgesia** – ensure it is prescribed and administered
- Treatment of side-effects:
  - Nausea & vomiting:** Give antiemetics as prescribed
  - Itching:** Antihistamine as prescribed
  - Over sedation:** See Sedation Scale
  - Respiratory depression:** Assess child and if respiratory depression is suspected:
    1. Stop infusion
    2. Give Naloxone as prescribed
    3. Call Pain Control Service
    4. Document actions in the child's records

**The Pain Service can be contacted on Bleep 0577 at any time (24 hours)**

## Intravenous

weight		drug and dose			Concentration
<b>up to 50 kg</b>		<b>Oxycodone 1 mg/kg</b> made up to 50 ml with 0.9% sodium chloride or 5% glucose			<b>1 ml = 20 micrograms/kg</b> (Max 4 hrly dose: 20 mls)
SUGGESTED INITIAL PROGRAM		Loading dose (ml)	Background inf (ml/hr)	Bolus dose (ml)	Lockout (mins)
<b>PCA</b>	standard	2.5 or 5	0 or 0.2	0.5 or 1	5 or 10
<b>NCA</b>	standard	2.5 or 5	0, 0.2, 0.5 or 1	0.5 or 1	20 or 30
<b>NCA</b>	in ICU areas	2.5 or 5	0, 0.2, 0.5 or 1	0.5 or 1	5
<b>NCA</b>	neonates & infants < 5 kg	1, 2.5 or 5	0	0.5	20

  

weight		drug and dose			concentration
<b>Over 50 kg</b>		<b>Oxycodone 50 mg</b> made up to 50 ml with 0.9% sodium chloride or 5% glucose			<b>1 ml = 1 mg</b> (Max 4 hrly dose: 20 mls)
SUGGESTED INITIAL PROGRAM		Loading dose (ml)	Background inf (ml/hr)	Bolus dose (ml)	Lockout (mins)
<b>PCA</b>	standard	2.5 or 5	0 or 0.2	1 or 2	5 or 10
<b>NCA</b>	standard	2.5 or 5	0, 0.2, 0.5 or 1	1	20 or 30
<b>NCA</b>	in ICU areas	2.5 or 5	0, 0.2, 0.5 or 1	1	5