Protocol for the use of Intravenous PCA / NCA Oxycodone + Ketamine

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.
- Ketamine should only be prescribed after discussing the patient with an Anaesthetist or the Pain Control Service

Intravenous

weight	drug and dose	solution	concentration
Up to 50 kg	**Oxycodone 1 mg/kg**		**1 ml = 20 microgram/kg**
	AND	made up to 50 ml with 0.9% sodium chloride or 5% glucose	(Max 4 hrly dose: 20 mls)
	Ketamine 1 or 2 mg/kg		**1 ml = 20 or 40 microgram/kg**

SUGGESTED INITIAL PROGRAM		Loading dose (ml)	Background inf (ml/hr)	Bolus dose (ml)	Lockout (mins)
PCA	standard	2.5 or 5	0 or 0.2	0.5 or 1	5 or 10
NCA	standard	2.5 or 5	0, 0.2, 0.5 or 1	0.5 or 1	20 or 30
NCA	in ICU areas	2.5 or 5	0, 0.2, 0.5 or 1	0.5 or 1	5
NCA	neonates & infants < 5 kg	1 or 2.5	0	0.5	20

weight	drug and dose	solution	concentration
Over 50 kg	**Oxycodone 50 mg**		**1 ml = 1 mg**
	AND	made up to 50 ml 0.9% sodium chloride or 5% glucose	(Max 4 hrly dose: 20 mls)
	Ketamine 50 or 100 mg		**1 ml = 1 or 2 mg**

SUGGESTED INITIAL PROGRAM		Loading dose (ml)	Background inf (ml/hr)	Bolus dose (ml)	Lockout (mins)
PCA	standard	2.5 or 5	0 or 0.2	1 or 2	5 or 10
NCA	standard	2.5 or 5	0, 0.2, 0.5 or 1	1	20 or 30
NCA	in ICU areas	2.5 or 5	0, 0.2, 0.5 or 1	1	5