

**Special
Precautions**

☐ Ketamine should only be prescribed after discussing the patient with Anaesthetist or the Pain control Service

Intravenous

weight	drug and dose	solution	concentration		
Up to 50 kg	Morphine 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	Morphine 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