

Special Precautions

- Ketamine can be prescribed for those patients for whom an opioid PCA or NCA is contra-indicated.
- Ketamine should only be prescribed after discussing the patient with a consultant anaesthetist or the Pain Control Service

Intravenous

weight	drug	concentration
up to 50 kg	Ketamine 1 or 2 mg/kg made up to 50 ml with 0.9% sodium chloride or 5% glucose	1 ml = 20 or 40 micrograms/kg (Max 4 hrly dose: 20 ml)

SUGGESTED INITIAL PROGRAMMING		Loading dose ml	Background infusion ml/hr	Bolus dose ml	Lockout mins
PCA	standard	2.5 or 5	0 or 0.2	0.5 or 1	5 - 15
NCA	standard	2.5 or 5	0, 0.2, 0.5 or 1	0.5 or 1	20 - 60
NCA	in ICU areas	2.5 or 5	0, 0.2, 0.5 or 1	1	5
NCA	neonates & infants <5kgs	1, 2.5 or 5	0	0.5	20

> 50 kg	Ketamine 50 or 100 mg made up to 50 ml with 0.9% sodium chloride or 5% glucose	1 ml = 1 or 2 mg (Max 4 hrly dose: 20 ml)
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SUGGESTED INITIAL PROGRAMMING		Loading dose ml	Background infusion ml/hr	Bolus dose ml	Lockout mins
PCA	standard	2.5 or 5	0 or 0.2	1 or 2	5 - 15
NCA	standard	2.5 or 5	0, 0.2, 0.5 or 1	1 or 2	20 - 60
NCA	in ICU areas	2.5 or 5	0, 0.2, 0.5 or 1	1 or 2	5