

Clonidine

FORM

Ampoule containing 150 micrograms in 1ml

INDICATION

Sedation / Pain / Opiate Withdrawal

DOSE RANGE

AGE	DOSE	FREQUENCY	ROUTE
Birth – 6 months	Initially 0.5 - 1microgram/kg/hour (max dose 2micrograms/kg/hour)	Continuous Infusion	IV

PRESCRIPTION OF CONTINUOUS INFUSION

200 micrograms/kg in 50ml infusion fluid

This gives:-

- 0.5 micrograms/kg/hour at 0.13ml/hr
- 1 microgram/kg/hour at 0.25ml/hr

RECONSTITUTION

Already in solution

DILUTION

For continuous Infusion

Using ampoule

1.33 x wt (kg) is the number of ml of clonidine to be diluted up to 50ml total with infusion fluid (equivalent to **200micrograms/kg in 50ml**)

METHOD OF ADMINISTRATION

For continuous Infusion

By continuous intravenous infusion, flow rate adjusted according to the baby's response (see prescription section for details).

COMPATIBILITY

Solution compatibility	Sodium Chloride 0.9%, glucose 5%
Solution incompatibility	No information
IV Line compatibility	Adrenaline, atracurium, dobutamine, dopamine, fentanyl heparin sodium, insulin (soluble), , ketamine, magnesium sulfate, morphine, midazolam noradrenaline, potassium chloride, , sodium nitroprusside vecuronium Compatible in glucose 5% only: Amiodarone, labetalol
IV Line incompatibility	Furosemide, Omeprazole,

THIS LIST IS NOT EXHAUSTIVE PLEASE CONTACT PHARMACY FOR FURTHER INFORMATION ON COMPATIBILITY WITH ANY MEDICINES NOT INCLUDED

CAUTIONS, CONTRA-INDICATIONS AND SIDE EFFECTS

See Summary of Product Characteristics and most recent edition of BNF for Children (links below)

West of Scotland NEONATAL PARENTERAL Drug Monographs

FURTHER INFORMATION	Monitoring Needs • Monitor blood pressure and heart rate
STORAGE	Ampoules should be stored below 30°C
PH	4 – 5.4
LICENSED STATUS	Unlicensed Use
LINKS	BNF for Children / Electronic Medicines Compendium :
APPLICABLE POLICIES	West of Scotland Neonatal Guidelines :

Consult local policy if applicable

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Administer reconstituted solutions immediately.

All vials, ampoules and infusion bags are for single use only unless otherwise stated.

Dose may vary depending on indication, age, renal function, hepatic function, and concomitant medications.
This monograph should be used in conjunction with the package insert, BNF for Children, and Summary of Product Characteristics. For further advice contact your clinical pharmacist or pharmacy department.