

NEONATAL West of Scotland Drug Monographs

Parenteral Routes

Neonatal

Zidovudine

FORM Vial containing 200mg in 20ml

INDICATION Prophylaxis against vertical transmission of HIV to neonate in unwell infants or those unable to tolerate oral

DOSE RANGE

AGE	DOSE	FREQUENCY	ROUTE
< 34 weeks	1.5mg/kg	Every 12 hours*	IV
≥ 34 weeks	1.5mg/kg	Every 6 hours	IV

* increase to every 6 hours once 34⁺⁰ weeks CGA

Reconstitution	Already in solution. MUST be diluted prior to use	
Dilution	Zidovudine inj 10mg/ml	2ml
	Glucose 5%	Up to 10ml total
	Gives a 2mg in 1ml solution. Use the required volume	
Method of Administration	IV Infusion over 60 minutes	

COMPATIBILITY

Solution compatibility	Sodium chloride 0.9%, Glucose 5%
Solution incompatibility	Other IV Fluids
IV Line compatibility	Aciclovir, amphotericin, clindamycin, dobutamine, dopamine, morphine, piperacillin with tazobactam, potassium chloride, rocuronium, vancomycin, vecuronium Compatible with erythromycin when diluted in sodium chloride only
IV Line incompatibility	Meropenem

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

FURTHER INFORMATION Zidovudine treatment should be commenced within 4hours of birth
Course length is 2-4 weeks (convert to oral when able)

pH 5.5

STORAGE Vial should be stored in the outer carton at room temperature

LICENSED STATUS Licensed for all ages

APPLICABLE POLICIES West of Scotland Neonatal Guidelines

Management of Infants born to HIV Positive Mothers Guideline

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 terms of reference document prepared by the West of Scotland Pharmacist Network. Information is correct at the time of publication and as per local practice agreement.
For further advice please contact your clinical pharmacist or pharmacy department
