

## 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

| GESTATIONAL 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<sup>+0</sup> 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 1 hour

### COMPATIBILITY

|                                 |   |
|---------------------------------|---|
| <b>Solution compatibility</b>   | Glucose 5%, sodium chloride 0.9% (either containing potassium chloride 40mmol/L)  |
| <b>Solution incompatibility</b> | Other IV fluids   |
| <b>IV Line compatibility</b>    | Aciclovir, clindamycin, dobutamine, morphine, piperacillin with tazobactam, vancomycin.<br>Compatible with erythromycin when diluted in sodium chloride only. |
| <b>IV Line incompatibility</b>  | Meropenem   |

**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)

**SPECIAL MONITORING REQUIREMENTS** See HIV guideline

**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

**LICENSED STATUS** Licensed for all ages.

**LINKS** [BNF for Children](#) / [Electronic Medicines Compendium](#)

**APPLICABLE POLICIES** [West of Scotland Neonatal Guidelines](#):  
Management Of Infants Born To HIV Positive Mothers

Consult local policy if applicable

|                  |                     |              |                  |
|------------------|---------------------|--------------|------------------|
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# West of Scotland NEONATAL Parenteral Drug Monographs

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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.