

## Medicines Management & Pharmacy Services (MMPS) LTHT Neonatal Unit Administration Guide Zidovudine

**Dose:** **Intravenous infusion:**  
**Pre-term (≤34 weeks gestation):** 1.5mg/kg every 12 hours  
**Term or near term (greater than 34 weeks):** 1.5mg/kg every 6 hours

For oral doses see full guideline online

**Route of administration:** Administer by intravenous infusion over at least 30 minutes

**Products available:** 200mg in 20mL ampoules (10mg/mL).

**To prepare a dose:** Dilute 5mL (50mg) to 12.5mL with glucose 5% to produce a solution containing 4mg/mL. Withdraw required dose, infuse over at least 30 minutes.  
  
Within normal working hours syringes of 4mg/mL zidovudine in glucose 5% are available from pharmacy aseptics.

**How to prescribe:** Prescribe on eMeds using the protocols function. Click protocols → Select Neonates → Select Vertical transmission, management of → Select HIV → Click Neonates - HIV post-exposure prophylaxis (PEP)

**Compatibilities:** Aciclovir, ceftazidime, ceftriaxone, dexamethasone, dobutamine, dopamine, fluconazole, gentamicin, heparin, morphine, ranitidine, vancomycin.

**Incompatibilities:** Meropenem

**Notes:** The first dose must be given within 4 hours of birth and should be continued for 4 weeks.

There is stock of intravenous zidovudine injection on L44, L45 (LGI delivery suite), SJ03 (SJUH delivery suite) and SJ04.

**References:** Leeds Teaching Hospitals NHS Trust. 2017. Infants born to HIV positive mothers - prophylaxis and follow up ID: 177. Leeds; Leeds Teaching Hospitals NHS Trust

NHS Injectable medicines guide. 2010. Zidovudine Monograph: Version 4 [Online]. [Accessed on 13 December 2018]. Available from: <http://medusa.wales.nhs.uk>

### Provenance

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