

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, allopurinol, ceftazidime, ceftriaxone, cimetidine, clindamycin, dexamethasone, dobutamine, dopamine, erythromycin, fluconazole, gentamicin, heparin, morphine, remifentanyl.
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. 2020. 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 24 December 2020]. Available from: http://medusa.wales.nhs.uk

Provenance

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