

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

Dose:	Herpes Simplex treatment: 20mg/kg every 8 hours
Route of administration:	Administer as an IV infusion over 60 minutes; - peripheral line, concentrations of up to 5mg/ml - central line, concentrations of up to 25mg/mL
Products available:	250mg/10mL solution for injection 250mg powder for reconstitution Syringes of 5mg/mL and 10mg/mL strength in sodium chloride 0.9% available from Pharmacy aseptics
To prepare an infusion:	<i>To reconstitute the 250mg powder:</i> Add 10ml of water for injection or sodium chloride 0.9% to a 250mg vial to make a 25mg/ml solution <i>To prepare an infusion:</i> To make a 5mg/mL solution, draw up 2mL (50mg) of 250mg/10mL solution and make up to 10mL with chosen diluent to give a final concentration of 5mg/mL. Withdraw required dose and infuse over 60 minutes. To make a 10mg/ml solution, draw up 2mL (50mg) of 250mg/10mL solution and make up to 5mL with chosen diluent to give a final concentration of 10mg/mL. Withdraw required dose and infuse over 60 minutes. Diluents: Sodium Chloride 0.9%, Glucose 5% Preferred diluent: Sodium Chloride 0.9%
How to prescribe:	Prescribe on eMeds using the protocols function. Find the protocol using: Neonates/Neonatal Unit → Antimicrobials → Other microbials → Neonates - Aciclovir IV protocol.
Compatibilities:	Ceftazidime, dexamethasone, fentanyl, fluconazole, gentamicin, heparin, magnesium, metronidazole, milrinone, potassium chloride, propofol, ranitidine, sodium bicarbonate, vancomycin, zidovudine
Incompatibilities:	Caffeine, dobutamine, dopamine, meropenem, morphine, parenteral nutrition, piperacillin/tazobactam
Notes:	If there is no compatibility information for specific drugs, do not assume compatibility. For incompatible drugs or those with no compatibility information use a separate line or, for short infusions, flush well between drugs. Doses above are for Herpes Simplex. For other doses and oral doses consult BNFc
References:	BNFc V1.3.9 April 2018 NHS Injectable medicines guide. Aciclovir Solution Monograph: Version 8 [Online]. [Accessed on 16 May 2018]. Available from:

<http://medusa.wales.nhs.uk>

NHS Injectable medicines guide. Aciclovir Powder Monograph:
Version 10 [Online]. [Accessed on 31 January 2018]. Available from:

<http://medusa.wales.nhs.uk>

Wockhardt Ltd. Summary of product characteristics - Aciclovir 250mg
powder for solution for infusion Feb 2018 (PL 29831/0320) <accessed
via medicines.org.uk on 31/01/2019>

Provenance

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This information has been prepared by Leeds Medicines Management and Pharmacy Services
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