

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 injection Syringes of 5mg/mL and 10mg/mL strength in sodium chloride 0.9% available from Pharmacy aseptics
To prepare an infusion:	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 an LTH drug chart. Document the dose, route, indication and duration on the prescription chart
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 Monograph V8 (Accessed 16/05/2018)

Provenance

Date Produced: June 2011 Date reviewed: May 2018 Valid until: May 2020
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This information has been prepared by Leeds Medicines Management and Pharmacy Services for use by health care professionals at Leeds Teaching Hospitals NHS Trust