

Aciclovir

Caution: We may provide stock from any of suppliers listed below. Please be aware of different concentrations available (25mg/mL and 50mg/mL)										
Aciclovir dosing is weight based; ensure accuracy of documented weight before administration										
Form	Concentrate for solution for infusion 25mg/mL 250mg per 10mL vial (Pfizer) 500mg per 20mL vial (Pfizer)	250mg powder for solution for infusion (Bowmed Ibisqus, Hikma and Zovirax (GSK)) (25mg/mL once reconstituted)								
	Concentrate for solution for infusion 50mg/mL 500mg per 10mL vial (Eugia, Fresenius Kabi)									
Reconstitution	Already in solution Dilute further before administration	Reconstitute with 10mL WFI or Sodium Chloride 0.9% Shake gently until the contents of the vial have dissolved completely.								
Compatibility & Stability	Sodium Chloride 0.9% Glucose 5% From a microbiological point of view should be used immediately. Stable for up to 12 hours at room temperature when diluted as recommended									
Administration	IV Infusion Preferably administer via a central venous access device to avoid potential venous irritation. If given peripherally, choose a large vein and monitor the injection site closely. <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #e1f5fe;">Required Dose</th> <th style="background-color: #e1f5fe;">Volume of Infusion Fluid</th> </tr> </thead> <tbody> <tr> <td>250 - 500mg</td> <td>100mL</td> </tr> <tr> <td>500 - 1250mg</td> <td>250mL</td> </tr> <tr> <td>≥1250mg</td> <td>500mL</td> </tr> </tbody> </table> <p>Infusion concentration should not exceed 5mg/mL. Shake well before administration to ensure thorough mixing. Administer over at least 1 hour.</p> <p>Discard the solution if it becomes cloudy or crystals appear before or during the infusion.</p>		Required Dose	Volume of Infusion Fluid	250 - 500mg	100mL	500 - 1250mg	250mL	≥1250mg	500mL
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Disposal	Vial should be discarded after use as it contains no preservative.									
Extravasation	Extravasation can cause tissue damage due to high pH of aciclovir.									
Additional Information	<ul style="list-style-type: none"> Maintain adequate hydration of patient. To avoid excessive dosage in obese patients, dose should be calculated on the basis of Adjusted Body Weight – see the CUH Antimicrobial Guidelines on Eolas for guidance. 									

Information provided relates to Aciclovir manufactured by Pfizer, Bowmed Ibisqus, Eugia, Hikma, GlaxoSmithKline and Fresenius Kabi.

This information has been summarised to act as a guide for those administering IV medication. The monograph should be used in conjunction with the drug data sheet and BNF for information on dose, adverse effects, cautions and contra-indications. Further information is available from Pharmacy on 22146 or 22542