

## Aciclovir/ Acyclovir

| Caution: We may provide stock from any of suppliers listed below. Please be aware of different concentrations available ( <b>25mg/mL</b> and <b>50mg/mL</b> ) |   |  |  |   |       |              |       |         |       |
|---|---|--|--|---|-------|--------------|-------|---------|-------|
| Aciclovir dosing is weight based; ensure accuracy of documented weight before administration  |   |  |  |   |       |              |       |         |       |
| <b>Form</b>   | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; background-color: #e1f5fe;"> <b>Concentrate for solution for infusion 25mg/mL</b><br/>                     250mg per 10mL vial (Pfizer)<br/>                     500mg per 20mL vial (Pfizer)                 </td> <td style="width: 50%; background-color: #e1f5fe;"> <b>250mg powder for solution for infusion</b> (Bowmed Ibisqus, Hikma and Zovirax (GSK))<br/><br/> <b>(25mg/mL once reconstituted)</b> </td> </tr> <tr> <td style="background-color: #fce4ec;"> <b>Concentrate for solution for infusion 50mg/mL</b><br/>                     500mg per 10mL vial (Eugia)                 </td> <td></td> </tr> </table>  | <b>Concentrate for solution for infusion 25mg/mL</b><br>250mg per 10mL vial (Pfizer)<br>500mg per 20mL vial (Pfizer) | <b>250mg powder for solution for infusion</b> (Bowmed Ibisqus, Hikma and Zovirax (GSK))<br><br><b>(25mg/mL once reconstituted)</b> | <b>Concentrate for solution for infusion 50mg/mL</b><br>500mg per 10mL vial (Eugia) |       |              |       |         |       |
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| <b>Concentrate for solution for infusion 50mg/mL</b><br>500mg per 10mL vial (Eugia)   |   |  |  |   |       |              |       |         |       |
| <b>Reconstitution</b>   | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; background-color: #e1f5fe;">                     Already in solution<br/> <b>Dilute further before administration</b> </td> <td style="width: 50%; background-color: #e1f5fe;">                     Reconstitute with 10mL WFI or Sodium Chloride 0.9%<br/>                     Shake gently until the contents of the vial have dissolved completely.                 </td> </tr> </table>  | Already in solution<br><b>Dilute further before administration</b>   | Reconstitute with 10mL WFI or Sodium Chloride 0.9%<br>Shake gently until the contents of the vial have dissolved completely.       |   |       |              |       |         |       |
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| <b>Compatibility &amp; Stability</b>  | Sodium Chloride 0.9%<br>Glucose 5%<br><br><b>From a microbiological point of view should be used immediately.</b><br>Stable for up to 12 hours at room temperature when diluted as recommended  |  |  |   |       |              |       |         |       |
| <b>Administration</b>   | <p><b><u>IV Infusion</u></b><br/>                     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.</p> <table border="1" style="margin-left: auto; margin-right: 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.<br/>                     Shake well before administration to ensure thorough mixing.<br/>                     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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| 250 - 500mg   | 100mL   |  |  |   |       |              |       |         |       |
| 500 - 1250mg  | 250mL   |  |  |   |       |              |       |         |       |
| ≥1250mg   | 500mL   |  |  |   |       |              |       |         |       |
| <b>Disposal</b>   | Vial should be discarded after use as it contains no preservative.  |  |  |   |       |              |       |         |       |
| <b>Extravasation</b>  | Extravasation can cause tissue damage due to high pH of aciclovir.  |  |  |   |       |              |       |         |       |
| <b>Additional Information</b>   | <ul style="list-style-type: none"> <li>Maintain adequate hydration of patient.</li> <li>To avoid excessive dosage in obese patients, dose should be calculated on the basis of Adjusted Body Weight – see the CUH Antimicrobial Guidelines on <a href="#">Microguide</a> for guidance.</li> </ul>   |  |  |   |       |              |       |         |       |

Last updated 13/3/24

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