

## AmBisome® (Amphotericin-Liposomal B)

AmBisome® dosing is weight based; ensure accuracy of documented weight before administration									
<b>Registered nurses and midwives are not authorized to administer the <u>test</u> dose of any intravenous medication that requires a test dose</b>									
<b>Restricted Antimicrobial</b> Refer to CUH Antimicrobial Guidelines on Eolas for further information.									
<b>CAUTION: High Administration Risk Rating</b>									
<b>Form</b>	50mg vial of powder for concentrate for dispersion for infusion								
<b>Reconstitution</b>	<p>Add 12 mL WFI provided to each 50mg vial to give 4mg per mL solution. Shake vigorously for at least 30 seconds immediately after the addition of water.</p> <p>Do not use reconstituted solution if there is any evidence of precipitation of foreign matter.</p> <p><b>Dilute further before administration</b></p>								
<b>Compatibility &amp; Stability</b>	<p><b>Glucose 5% ONLY</b></p> <p><b>From a microbiological point of view, should be used immediately;</b> however:</p> <ul style="list-style-type: none"> <li>Reconstituted vials are single use only but may be stored at 2–8°C for 24 hours.</li> <li>Prepared infusions may be stored at 2–8°C and infused (at room temperature) within 24 hours.</li> </ul>								
<b>Administration</b>	<p><b>IV Infusion</b></p> <ul style="list-style-type: none"> <li>Flush IV lines with <b>Glucose 5%</b> prior to and after infusion.</li> <li>Draw up from reconstituted vials into a syringe without the filter.</li> <li>Use <b>5 micron filter</b> provided to add liposomal amphotericin to infusion fluid</li> </ul> <p>Dilute required dose with glucose 5% to give a final concentration of between 0.2mg/mL to 2 mg/mL.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Required Dose</th> <th>Volume of Infusion Fluid</th> </tr> </thead> <tbody> <tr> <td>Less than 100mg</td> <td>100mL</td> </tr> <tr> <td>100-500mg</td> <td>250mL</td> </tr> <tr> <td>500-1000mg</td> <td>500mL</td> </tr> </tbody> </table> <p>Administer over 30 - 60 minutes, or over two hours for doses greater than 5mg/kg.          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> <p><b>Prior to the administration of the <u>first</u> dose, a test dose of 1mg should be administered - See next page</b></p>	Required Dose	Volume of Infusion Fluid	Less than 100mg	100mL	100-500mg	250mL	500-1000mg	500mL
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*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*

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<b>Administration ctd</b>	<p><b>Prior to the administration of the first dose, a test dose of 1mg should be administered</b> slowly over 10 minutes and the patient carefully observed for 30 minutes after.</p> <ul style="list-style-type: none"> <li>• Make up the dose for day 1.</li> <li>• Calculate the volume which contains 1mg</li> <li>• Set the pump at a rate which will deliver the 1mg dose over 10 minutes</li> <li>• It may be necessary to flush the line to ensure delivery of such a small dose.</li> <li>• Stop the infusion and observe the patient for 30 minutes.</li> <li>• If no severe allergy or adverse reactions develop, restart the infusion pump and administer the remainder of the dose over 30 - 60 minutes.</li> </ul>
<b>Monitoring</b>	<ul style="list-style-type: none"> <li>• Monitor hepatic and renal function, blood counts, and plasma electrolyte (including plasma-potassium and magnesium concentration).</li> <li>• Monitor pulmonary function.</li> </ul>
<b>Extravasation</b>	Extravasation may cause tissue damage.
<b>Additional Information</b>	Product contains soya oil – not to be used if patient allergic to peanut or soya.

**Information provided relates to AmBisome® manufactured by Gilead.**