

## Voriconazole

Voriconazole dosing is weight based; ensure accuracy of documented weight before administration							
<b>Restricted Antimicrobial</b> See CUH Antimicrobial Guidelines on Eolas for further information							
<b>CAUTION: High Administration Risk Rating</b>							
<b>Form</b>	200mg dry powder vial						
<b>Reconstitution</b>	Add 19mL WFI or sodium chloride 0.9% to a 200mg vial. Discard the vial if vacuum does not pull the diluent into the vial. This produces 20mL of a 10mg/mL solution. <b>Dilute further before administration.</b>						
<b>Compatibility and Stability</b>	Glucose 5% Sodium Chloride 0.9%  <b>From a microbiological point of view, should be used immediately;</b> however: <ul style="list-style-type: none"> <li>Reconstituted vials 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>	<b>IV Infusion</b> Withdraw volume from vial(s) which equates to the dose required. This should be diluted using a compatible infusion fluid to produce a solution with a final concentration of 0.5 - 5mg/mL.  Suggested dilution: <table border="1" style="margin-left: 40px;"> <thead> <tr> <th>Required Dose</th> <th>Volume of Infusion Fluid</th> </tr> </thead> <tbody> <tr> <td>50 - 500mg</td> <td>100mL</td> </tr> <tr> <td>Over 500mg</td> <td>250mL</td> </tr> </tbody> </table> Infuse over 60 - 180 minutes at a rate not exceeding 3mg/kg/hour.	Required Dose	Volume of Infusion Fluid	50 - 500mg	100mL	Over 500mg	250mL
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<b>Additional Information</b>	<ul style="list-style-type: none"> <li>A <b>loading dose</b> regimen is required consisting of two doses administered 12 hours apart. Commence <b>maintenance dosing</b> (twice daily) 12 hours after second loading dose.</li> <li>Never administer Voriconazole as an IV bolus.</li> <li>Voriconazole has excellent oral bioavailability, consider oral route from the onset, or a rapid IV to oral switch as appropriate - see CUH Adult Antimicrobial Guidelines on Eolas for further information.</li> </ul>						

**Information provided relates to Vfend® manufactured by Pfizer.**

*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*