

## Potassium Phosphate

<b>CAUTION: High Administration Risk Rating</b>		
<b>Form &amp; Storage</b>	20mL ampoule containing 1mmol potassium and 0.6mmol phosphate per mL (each ampoule contains 20mmol potassium, 12mmol phosphate)	Concentrated potassium ampoules must be stored in the Controlled Drug press.
<b>Reconstitution</b>	Already in solution <b>Further dilution is essential before administration</b>	
<b>Compatibility &amp; Stability</b>	Sodium Chloride 0.9% Glucose 5%	
<b>Administration</b>	<p><b><u>IV Infusion ONLY</u></b></p> <p>20mL ampoule must be diluted with at least 500mL of compatible fluid, and <b>mixed well.</b></p> <ul style="list-style-type: none"> <li>• Administer via central venous access device or large peripheral vein.</li> <li>• Concentration: Maximum concentration is 40mmol potassium in 1L.</li> <li>• Rate:               <ul style="list-style-type: none"> <li>○ Usual maximum infusion rate is 10mmol Potassium (6mmols Phosphate) per hour.</li> <li>○ Administer over at least 2 hours.</li> </ul> </li> </ul>	
<b>Monitoring</b>	Monitor ECG, plasma potassium, phosphate and calcium concentrations closely when rate of intravenous potassium exceeds 20mmol per hour. REFER TO ITU FOR GUIDANCE.	
<b>Extravasation</b>	<ul style="list-style-type: none"> <li>• Venous irritation or phlebitis may occur at injection site where solutions contain more than 30mmol of potassium per litre.</li> <li>• Particular care should be taken to ensure that infusion is intravenous, since paravenous administration can lead to indurations and chalky deposits in the subcutaneous tissue.</li> </ul>	
<b>Additional Information</b>	Higher rates and concentrations may be used in ITU.	

**Information provided relates to Potassium Phosphate manufactured by B Braun.**

*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*