

## Potassium Phosphate – ITU

**CAUTION: High Administration Risk Rating**

<b>Form &amp; Storage</b>	20mL ampoule containing 1mmol potassium(K <sup>+</sup> ) 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>	<b><u>Central IV Infusion only</u></b>  Dilute 20-40mmol K <sup>+</sup> ( <b>20-40mL</b> ) in 100ml fluid, and administer over two hours.	
<b>Monitoring</b>	Monitor ECG, plasma potassium, phosphate and calcium concentrations closely when rate of intravenous potassium exceeds 20mmol per hour.	
<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>	<ul style="list-style-type: none"> <li>• If magnesium levels are low, it may not be possible to correct potassium levels without first correcting magnesium.</li> <li>• Ensure calcium level is within range first; if low, suggest supplementing prior to commencing phosphate. Otherwise, infuse at a slower rate (e.g. over 12 hours), and possibly a lower dose. See Potassium Phosphate in CUH IV Administration guidelines.</li> </ul>	

**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 22142 or 22546.*

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