Noradrenaline

<table>
<tr><td colspan="2">CAUTION: High Administration Risk Rating</td></tr>
<tr><td>Form</td><td>Ampoules containing 1mg /mL (1:1000) Noradrenaline as Noradrenaline tartrate.</td></tr>
<tr><td>Dose</td><td>Noradrenaline is usually prescribed as a “mcg/minute” dose for adults. The usual range is 0-30 mcg/minute titrated to desired effect. Doses outside this range (up to 80mcg/min) may be required in some patients.</td></tr>
<tr><td>Reconstitution</td><td>Already in solution. Further dilution is required before administration.</td></tr>
<tr><td>Compatibility & Stability</td><td>Glucose 5%
Diluted solutions are stable for 24 hours
Protect infusion from light</td></tr>
<tr><td>Administration</td><td>IV infusion through a central line
Use a syringe driver to control the rate of infusion.

Single Strength Noradrenaline
Add 3mg Noradrenaline (3mL) to 47ml Glucose 5% to give 50mL of a solution containing 60mcg/ml Noradrenaline.<table><tr><td>Infusion rate of 1mL/hr = 60mcg/hr = 1mcg/min</td></tr><tr><td>1mL/hr = 1mcg/min</td></tr><tr><td>2mL/hr = 2mcg/min</td></tr><tr><td>3mL/hr = 3mcg/min</td></tr></table>
Double Strength Noradrenaline
Add 6mg Noradrenaline (6mL) to 44mL Glucose 5% to give 50mL of a solution containing 120mcg/mL Noradrenaline.<table><tr><td>Infusion rate of 1mL/hr = 120mcg/hr = 2mcg/min</td></tr><tr><td>1mL/hr = 2mcg/min</td></tr><tr><td>2mL/hr = 4mcg/min</td></tr><tr><td>3mL/hr = 6mcg/min</td></tr></table>
Quadruple Strength Noradrenaline
Add 12mg Noradrenaline (12mL) to 38ml Glucose 5% to give 50mL of a solution containing 240mcg/mL Noradrenaline.<table><tr><td>Infusion rate of 1mL/hr = 240mcg/hr = 4mcg/min</td></tr><tr><td>1mL/hr = 4mcg/min</td></tr><tr><td>2mL/hr = 8mcg/min</td></tr><tr><td>3mL/hr = 12mcg/min</td></tr></table></td></tr>
<tr><td>Monitoring</td><td>• Arterial line monitoring is strongly recommended</td></tr>
<tr><td>Extravasation</td><td>• Avoid extravasation which can lead to necrosis of tissue.</td></tr>
<tr><td>Notes</td><td>• Infuse through a central venous catheter using a syringe driver to control the rate of infusion.
• Do not use if brown colour or precipitate is visible in solution.</td></tr>
</table>

Information provided relates to Noradrenaline manufactured by Hospira

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.

Owner Denise Leamy,Miriam Flynn Pharmacy Department CUH, Version 1 Updated May 2022.