Nimodipine

<table>
<tr><td colspan="3">Nimodipine dosing may be weight based; ensure accuracy of documented weight before administration</td></tr>
<tr><td colspan="3">CAUTION: High Administration Risk Rating</td></tr>
<tr><td>Form</td><td colspan="2">10mg/50mL Infusion bottle</td></tr>
<tr><td>Reconstitution</td><td colspan="2">Already in solution</td></tr>
<tr><td>Compatibility & Stability</td><td>Sodium Chloride 0.9%
Glucose 5%

• Incompatible with PVC
Use polyethylene or polypropylene syringes</td><td>Protect Infusion from light</td></tr>
<tr><td>Administration</td><td colspan="2"><u>IV Continuous Infusion</u>
Administer as a continuous IV infusion via a central catheter using an infusion pump.
Connect to a three-way stopcock using the infusion line provided.
The three-way stopcock should be used to connect the Nimodipine polyethylene tube with the co-infusion line and the central catheter. (The stopcock must allow for concomitant flow of the Nimodipine solution and a co-infusion solution.)

<table><tr><th colspan="2">Rate to run co-infusion fluid at</th></tr><tr><th>Nimodipine Rate</th><th>Rate of administration of co-infusion fluid</th></tr><tr><td>1mg/hour (5mL/hour)</td><td>20mL/hour</td></tr><tr><td>2mg/hour (10mL/hour)</td><td>40mL/hour</td></tr></table>
i.e. For every 5mL per hour of nimodipine infused 20mL per hour of a compatible fluid must be infused simultaneously to prevent formation of crystals.</td></tr>
<tr><td>Extravasation</td><td colspan="2">Extravasation is likely to cause tissue damage due to the presence of alcohol as an excipient and high osmolarity.</td></tr>
<tr><td>Monitoring</td><td colspan="2">Monitor BP and heart rate. Monitor renal function (including fluid balance) in patients with renal disease and/or receiving nephrotoxic drugs.
A transient rise in liver enzymes may occur during intravenous administration; this usually reverts to normal on completion of treatment.</td></tr>
<tr><td>Additional Information</td><td colspan="2">• IV infusions should not be used concurrently with Nimodipine oral tablets.
• Use only the infusion container and the infusion line provided by the manufacturer.
• Each 50 ml vial also contains 10 g of ethanol (0.2 g/ml)
• Prepare a fresh infusion if required once 10 hours has elapsed.</td></tr>
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Information provided relates to Nimotop manufactured by Bayer

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.