**Isoprenaline Hydrochloride**

Two isoprenaline preparations are available - isoprenaline sulphate and isoprenaline hydrochloride. Check carefully when you are using this monograph to ensure that you are using it appropriately.

Isoprenaline sulfate 1.125mg = isoprenaline hydrochloride 1mg. Information in this monograph is specific to isoprenaline hydrochloride.

<table>
<thead>
<tr>
<th>Form</th>
<th>0.2mg/ml ampoules (1ml) amps Monico®</th>
<th>Store at room temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.2mg/ml ampoules (5ml) amps (1mg in 5ml=0.2mg/ml) Macure Pharma®</td>
<td>Store in a refrigerator at 2–8°C</td>
</tr>
</tbody>
</table>

**Reconstitution**

Already in solution. **Further dilute prior to administration**

**Compatibility & Stability**

Glucose 5% (preferred) Sodium Chloride 0.9%

**Administration**

Continuous IV Infusion

To make 4 micrograms per ml solution: Add 1mg (5ml) to 245ml compatible fluid. Adjust rate according to response and indication.

<table>
<thead>
<tr>
<th>Dose (micrograms/min)</th>
<th>0.5</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rate (ml/h)</td>
<td>7.5</td>
<td>15</td>
<td>30</td>
<td>45</td>
<td>60</td>
<td>75</td>
<td>90</td>
<td>105</td>
<td>120</td>
<td>135</td>
<td>150</td>
</tr>
</tbody>
</table>

**Extravasation**

This medicine has a low pH and may cause venous irritation and tissue damage in cases of extravasation. If a central venous access device is unavailable, administer via a large peripheral vein monitoring insertion site closely using a recognised phlebitis scoring tool.

**Notes**

- Monitor ECG, arterial blood pressure, heart rate, urine flow, central venous pressure, blood pH, blood pCO₂ or bicarbonate, and cardiac output
- Infusion should preferably be given via central line
- This product contains metabisulphite and may cause allergic reactions
- Do not use if the injection is pinkish, darker than slightly yellow or contains a precipitate.
- Unlicensed medication in Ireland.

Information provided relates to Isoprenaline Hydrochloride manufactured by Monico and Macure Pharma.