

Isoprenaline Hydrochloride

There are different isoprenaline preparations available.
 Carefully check the concentration and storage temperature.
 This monograph is for **isoprenaline HYDROCHLORIDE** only.
Isoprenaline sulfate 1.125mg = isoprenaline hydrochloride 1mg.

Form	Isoprenaline hydrochloride 0.2mg/mL ampoules	Store in a refrigerator at 2–8°C and protect from light.																																				
Reconstitution	Already in solution. Draw up using a 5 micron filter needle Further dilute prior to administration																																					
Compatibility & Stability	Glucose 5% (preferred) Sodium Chloride 0.9%																																					
Administration	Continuous IV Infusion Local practice: Add 1mg (5 mL) to 245ml compatible fluid to make a 4 microgram/mL solution Adjust rate according to response and indication. <table border="1"> <tr> <th colspan="12">Isoprenaline 4 microgram/mL</th> </tr> <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> <tr> <th>Rate (ml/h)</th> <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> </table>		Isoprenaline 4 microgram/mL												Dose (micrograms/min)	0.5	1	2	3	4	5	6	7	8	9	10	Rate (ml/h)	7.5	15	30	45	60	75	90	105	120	135	150
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Monitoring	<ul style="list-style-type: none"> Monitor ECG, arterial blood pressure, heart rate, urine flow, central venous pressure, blood pH, blood pCO₂ or bicarbonate, and cardiac output 																																					
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	<ul style="list-style-type: none"> 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. 																																					

Information provided relates to Isoprenaline Hydrochloride (Macure)