

Isoprenaline Hydrochloride (CCU)

Potential SALAD																									
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 .																									
CAUTION: High Administration Risk Rating																									
Form	0.2mg/mL ampoules																								
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 (5 ampoules) to 245mL compatible fluid. If a central venous access device is unavailable, administer via a large peripheral vein monitoring insertion site closely. Adjust rate according to response and indication. <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="background-color: #e0f0ff;">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 style="background-color: #e0f0ff;">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>	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	<ul style="list-style-type: none"> Infusion should preferably be given via central line. This medicine has a low pH and may cause venous irritation and tissue damage in cases of extravasation 																								
Additional Information	<ul style="list-style-type: none"> 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 SALF Pharmacological Lab, Bergamo, Italy.

Isoprenaline Sulphate (CCU)

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<p>Most texts express doses in terms of isoprenaline hydrochloride. Therefore this guide advises how to dilute isoprenaline sulfate to equivalent strengths of isoprenaline hydrochloride.</p>																				
CAUTION: High Administration Risk Rating																				
Form & Storage	Usual brand kept Aleudrina® (200mcg in 1ml=0.2mg/mL)**	Store Aleudrina® in a refrigerator at 2–8°C and protect from light.																		
	Other strengths possible	Other preparations may need to be stored at room temperature. Follow advice from pharmacy																		
Reconstitution	Already in solution. Further dilute prior to administration																			
Compatibility & Stability	Glucose 5% (preferred) Sodium Chloride 0.9%																			
Administration	<p>Continuous IV Infusion Isoprenaline sulfate 1.125mg is equivalent to isoprenaline hydrochloride 1mg. To get a solution equivalent to 4 microgram per mL isoprenaline hydrochloride:</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="background-color: #add8e6;">Isoprenaline sulphate preparation</th> <th style="background-color: #add8e6;">Volume</th> <th style="background-color: #add8e6;">Diluted to</th> </tr> </thead> <tbody> <tr> <td>2.25ml in 2mL</td> <td>2mL</td> <td>250mL</td> </tr> <tr> <td>5mg in 5mL 2mg in 2mL</td> <td>2.3mL</td> <td>500mL</td> </tr> <tr style="background-color: #ffff00;"> <td>**200mcg in 1mL</td> <td>5.63mL</td> <td>250mL</td> </tr> <tr> <td>100mcg in 1mL</td> <td>4.51mL</td> <td>100mL</td> </tr> <tr> <td>100mcg in 2mL</td> <td>4.5mL</td> <td>50mL</td> </tr> </tbody> </table> <p>If a central venous access device is unavailable, administer via a large peripheral vein monitoring insertion site closely. Adjust rate according to response and indication.</p>		Isoprenaline sulphate preparation	Volume	Diluted to	2.25ml in 2mL	2mL	250mL	5mg in 5mL 2mg in 2mL	2.3mL	500mL	**200mcg in 1mL	5.63mL	250mL	100mcg in 1mL	4.51mL	100mL	100mcg in 2mL	4.5mL	50mL
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Information provided relates to Aleudrina® by Reig Jofre .