

Iloprost

Potential SALAD Do not confuse iloprost with its analogue epoprostenol																																							
Iloprost dosing is weight based; ensure accuracy of documented weight before administration																																							
CAUTION: High Administration Risk Rating																																							
Form	100 microgram per 1 mL ampoule																																						
Reconstitution	Already in solution. Draw up using a 5 micron filter needle Dilute further prior to administration. Each 1 ml ampoule (100 micrograms = 100,000 nanograms) to be diluted in 500mL infusion fluid. This provides a final concentration of 200 nanograms per mL																																						
Compatibility & Stability	Sodium Chloride 0.9% Glucose 5%																																						
Administration	<p><u>IV Infusion</u></p> <p>Iloprost is administered after dilution (with an infusion pump) over 6 hours daily via a peripheral vein or a central venous catheter.</p> <ul style="list-style-type: none"> The dose is adjusted according to individual tolerability within the range of 0.5 to 2 nanograms iloprost/kg body weight/min. During the first 2 - 3 days, the individually tolerated dose is established. For this purpose, treatment should be started at an infusion rate to deliver 0.5 nanogram/kg/min for 30 minutes. The dose should then be increased at intervals of about 30 minutes in steps of 0.5 nanogram/kg/min up to 2 nanogram/kg/min. The exact infusion rate should be calculated on the basis of body weight to effect an infusion within the range of 0.5 to 2 nanogram/kg/min. Depending on the occurrence of side effects such as headache and nausea or an undesired drop of blood pressure, the infusion rate should be reduced until the tolerable dose is found. If the side effects are severe, the infusion should be interrupted. <p>The following table can be used to calculate the dose to be infused.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="3" style="background-color: #e1f5fe;">Body weight (kg)</th> <th colspan="4" style="background-color: #e1f5fe;">Dose (nanogram/kg/min)</th> </tr> <tr> <th style="background-color: #ffffcc;">0.5</th> <th style="background-color: #ffffcc;">1</th> <th style="background-color: #ffffcc;">1.5</th> <th style="background-color: #ffffcc;">2</th> </tr> <tr> <th colspan="4" style="background-color: #e1f5fe;">Infusion rate(mL/hr) (using 100 microgram per 500ml solution)</th> </tr> </thead> <tbody> <tr> <td style="background-color: #ffffcc;">40</td> <td>6</td> <td>12</td> <td>18</td> <td>24</td> </tr> <tr> <td style="background-color: #ffffcc;">50</td> <td>7.5</td> <td>15</td> <td>22.5</td> <td>30</td> </tr> <tr> <td style="background-color: #ffffcc;">60</td> <td>9</td> <td>18</td> <td>27</td> <td>36</td> </tr> <tr> <td style="background-color: #ffffcc;">70</td> <td>10.5</td> <td>21</td> <td>31.5</td> <td>42</td> </tr> <tr> <td style="background-color: #ffffcc;">80</td> <td>12</td> <td>24</td> <td>36</td> <td>48</td> </tr> </tbody> </table>	Body weight (kg)	Dose (nanogram/kg/min)				0.5	1	1.5	2	Infusion rate(mL/hr) (using 100 microgram per 500ml solution)				40	6	12	18	24	50	7.5	15	22.5	30	60	9	18	27	36	70	10.5	21	31.5	42	80	12	24	36	48
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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 22146 or 22542

Iloprost

Administration ctd	IV Infusion				
	Body weight (kg)	Dose (nanogram/kg/min)			
		0.5	1	1.5	2
	Infusion rate(mL/hr) (using 100 microgram per 500ml solution)				
	90	13.5	27	40.5	54
100	15	30	45	60	
110	16.5	33	49.5	66	
Additional Information	<ul style="list-style-type: none"> • Monitor blood pressure and heart rate at the start of the infusion and after each dosage increase. • If excessive hypotension occurs, the dose should be reduced or discontinued. • This is an unlicensed medicine in Ireland. 				

Information relates to Ilomedin manufactured by Bayer