

*This IV monograph is intended for use in Paediatric intensive care and may not be suitable for patients in other clinical areas*

# Epoprostenol (prostacyclin)

Drug	Dilution	Dose range	Rate calculations
<p><b>Epoprostenol (prostacyclin)</b></p> <p><b>Flolan®</b></p>	<p>IV reconstitution and dilution must be carried out immediately before use.</p> <p>Using diluent provided, draw up 10ml of diluent into a syringe, inject into the 500 microgram epoprostenol vial and dissolve the contents completely. Draw all the epoprostenol solution back into the syringe and add the contents of the syringe to the remaining 40ml of diluent and mix well. This solution is referred to as “<b>concentrated solution</b>” and contains 10microgram/ml of epoprostenol.</p> <p>Attach the filter provided to the syringe and, using a connector, filter into a 50ml syringe. This filtered “concentrated solution” is now infused neat into a central line.</p> <p>Firm pressure will be needed to filter the solution</p> <p><b>*Do not infuse through a peripheral line*</b></p> <p>-DISCARD after 12 hours. - <b>NB Incompatible with glucose and other drugs.</b></p>	<p>2 – 40 nanogram / Kg/minute</p> <p>(up to 120 nanogram/Kg/minute have been used occasionally)</p>	<p><b>Using the filtered “concentrated” solution</b></p> <p>0.06ml/Kg/hour = 10nanogram/Kg/min</p> <p>0.12ml /Kg/hour = 20nanogram/Kg/min</p> <p>0.24ml/Kg/hour = 40nanogram/Kg/min</p>

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