

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

Dinoprostone (Prostin® E2)

Drug	Dilution	Dose range	Rate calculations
Dinoprostone	30 micrograms/Kg made up to 50ml with : Glucose 5%, Glucose 10%, or Sodium chloride 0.9%	Maintaining patency of ductus arteriosus Initially 5 – 10 nanograms/Kg/minute Increased according to response. Doses of 50 nanogram/kg/minute or more may be required. NB Can cause apnoeas	Using 30 micrograms/Kg in 50ml syringe: 0.5ml/hour = 5 nanogram/kg/minute 1 ml/hour = 10 nanogram/kg/minute 2ml/hour = 20 nanogram/kg/minute

Common compatibilities

Although there is no published data dinoprostone has been used in the same line with morphine, dopamine & dobutamine in practice without problem.

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Checked by (medical signature).....(Helen Fardy) July 2010

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