

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

Dopamine

Drug	Dilution	Dose range	Rate calculations
Dopamine <13Kg	For children <13Kg 30mg/Kg made up to 50ml in Glucose 5% or sodium chloride 0.9%	5 – 20microgram/Kg/minute	For a 30mg/Kg in 50ml syringe <ul style="list-style-type: none">• 0.5ml/hour = 5mcg/kg/min• 1ml/hour = 10mcg/kg/min• 2ml / hour = 20mcg/kg/min
Dopamine >13Kg	For children >13Kg Use standard strength syringe of 400mg in 50ml in Glucose 5% or sodium chloride 0.9%	5 – 20 microgram/Kg/minute	For a 400mg in 50ml standard strength syringe <ul style="list-style-type: none">• 0.0375ml/Kg/hour = 5microgram/Kg/min• 0.075ml/Kg/hour = 10microgram/Kg/min• 0.15ml/Kg/hour = 20microgram/Kg/min

- Dopamine should usually be given by central line. If it is essential to give it peripherally discuss with Consultant and use a maximum concentration of 2mg/ml or less (100mg in 50ml).

Common compatibilities

Dopamine should **only** be infused through a line with other inotropes

Written by (pharmacist signature)..... (Zoë Taylor)

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

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