

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

# Magnesium Sulphate

Drug	Dilution	Dose
<b>Magnesium Sulphate</b>	Use 10% (100mg/ml) injection and give neat via central or peripheral line over at least 10 minutes	<p><b>Dose for hypomagnesaemia</b> (Give as a single dose then re-check bloods)</p> <p><b>Neonate</b> 100mg/Kg magnesium sulphate (0.4mmol/Kg of magnesium) = 1ml /Kg of 10% solution</p> <p><b>Child 1 month – 12 years</b> 50mg/Kg magnesium sulphate (0.2mmol/Kg of magnesium) = 0.5 ml / Kg of 10% solution (up to a max total of 10ml)</p> <p><b>Child 12 – 18 years (NB dose not per Kg)</b> 1g magnesium sulphate (4mmol of magnesium) =10ml of 10% solution</p> <p>Further doses may be given according to Magnesium levels</p>

## Common compatibilities

- Magnesium sulphate can be run through the same line as morphine sulphate

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