

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

# Carnitine (L-carnitine)

Drug	Dilution	Dose range	Rate calculations
<b>Carnitine</b>	Make a standard syringe of  <b>1g in 50ml</b> (20mg/ml) of : glucose 5%, or glucose 10%, or sodium chloride 0.9%  (There is no minimum dilution for this product so if fluid restricted any dilution can be used).	100mg/Kg as a single dose over 30 minutes  Then : maintenance infusion of  4mg/Kg/hour	<b>Using 1g in 50ml:</b>  <b>Initial infusion</b> over 30 minutes 5ml/kg = 100mg/Kg over 30 minutes  <b>Maintenance infusion</b> 0.2ml/Kg/hour = 4mg/Kg/hour

## Common compatibilities

Carnitine can be infused at Y-site with arginine, sodium phenylbutyrate and sodium benzoate.

Written by (pharmacist signature)..... (Zoë Taylor)      January 2011      Review Date : Aug 2012

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