

## Carnitine (Levocarnitine)

**FORM** Ampoule containing 1g in 5ml

**INDICATION** Treatment of primary and secondary carnitine deficiency  
N.B. Consultant Paediatrician must authorise use.

### DOSE RANGE

AGE	DOSE	FREQUENCY	ROUTE
Birth to 6 months	*initially 25mg/kg/dose	every 6 hours	IV
	may increase to 175mg/kg/day <b>or</b> 3g/day		

\* Specialist consultants may recommend different doses on an individual baby basis.

**RECONSTITUTION** Already in solution

<b>DILUTION (if required)</b>	L-Carnitine 200mg/ml inj (Carnitor®)	5ml
	Glucose 5%	to total 10ml

This gives 100mg/ml Carnitine solution. Use the required volume.

**METHOD OF ADMINISTRATION** Slow IV injection over 2 – 3 minutes.

### COMPATIBILITY

<b>Solution compatibility</b>	Glucose 5%, Glucose 10%, sodium chloride 0.9%, Ringers solution
<b>Solution incompatibility</b>	No information
<b>IV Line compatibility</b>	Infuse at y-site with arginine, sodium benzoate and sodium phenylbutyrate
<b>IV Line incompatibility</b>	No information

**THIS LIST IS NOT EXHAUSTIVE PLEASE CONTACT PHARMACY FOR FURTHER INFORMATION ON COMPATIBILITY WITH ANY MEDICINES NOT INCLUDED**

### CAUTIONS, CONTRA-INDICATIONS AND SIDE EFFECTS

- See Summary of Product Characteristics and most recent edition of BNF for Children (links below)

**FURTHER INFORMATION** Extravasation risk.

**PH** 6.0 to 6.5

**LICENSED STATUS** Injection licensed in neonates and children. Single dose vial only licensed for patients > 12 years

**LINKS** [BNF for Children:](#) / [Electronic Medicines Compendium](#)

**APPLICABLE POLICIES** [West of Scotland Neonatal Guidelines:](#)

Consult local policy if applicable

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## West of Scotland NEONATAL Parenteral Drug Monographs

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**Administer reconstituted solutions immediately.**

**All vials, ampoules and infusion bags are for single use only unless otherwise stated.**

Dose may vary depending on indication, age, renal function, hepatic function, and concomitant medications.

This monograph should be used in conjunction with the package insert, BNF for Children, and Summary of Product Characteristics. For further advice contact your clinical pharmacist or pharmacy department.