

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

Sodium Phenylbutyrate

Drug	Dilution	Dose range	Rate calculations
Sodium Phenylbutyrate	Make a standard syringe of 1g in 50ml (20mg/ml) of : glucose 5%, or glucose 10%,	Acute hyperammonaemia (all ages) 250mg/Kg as a single dose over 90 minutes	Using 1g in 50ml: Initial infusion over 90 minutes 12.5ml/kg = 250mg/Kg over 90 minutes Maintenance infusion 0.5ml/Kg/hour = 10mg/Kg/hour
	For fluid restricted children: 2.5g in 50ml (50mg/ml) of : glucose 5%, or glucose 10%,	Then : maintenance infusion of 10mg/Kg/hour (Dose can be increased on specialist advice)	Using 2.5g in 50ml: Initial infusion over 90 minutes 5ml/kg = 250mg/Kg over 90 minutes Maintenance infusion 0.2ml/Kg/hour = 10mg/Kg/hour
Dose reference: British Inherited Metabolic Disease Group (BIMDG) emergency protocols www.bimdg.org.uk/protocols			

Common compatibilities

Sodium phenylbutyrate can be infused at y-site with arginine, sodium benzoate and carnitine

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