

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

Insulin (Non diabetic IV sliding scale)

Only to be used for glycaemic control in non-diabetics. Not to be used for diabetics or for DKA

Drug	Dilution	Dose range	Rate calculations
Soluble insulin (Actrapid®)	<p>Make up a standard strength syringe of 50 units in 50ml with Sodium chloride 0.9%</p> <p>(50 units in 50ml 0.9% Sodium chloride)</p> <p>N.B. Change syringe every 12 hours</p>	<p>0.025 – 1unit/Kg/hour :</p> <p>Start at 0.025 units/Kg/hour and adjust according to response</p>	<p>0.01 ml/Kg/hour = 0.01 units/Kg/hour 0.025 ml/Kg/hour = 0.025 units/Kg/hour 0.05 ml/Kg/hour = 0.05 units/Kg/hour 0.075 ml/Kg/hour = 0.075 units/Kg/hour 0.1 ml/Kg/hour = 0.1 units/Kg/hour 0.15 ml/Kg/hour = 0.15 units/kg/hour 0.2 ml/Kg/hour = 0.2 units/Kg/hour 0.3 ml/Kg/hour = 0.3 units/Kg/hour 0.4 ml/Kg/hour = 0.4 units/Kg/hour</p> <p>NB The following calculations are for a high dose, double check that this is correct before prescribing or administering!</p> <p>0.5 ml/Kg/hour = 0.5 units/kg/hour 0.75 ml/Kg/hour = 0.75 units/Kg/hour 1 ml/Kg/hour = 1 units/kg/hour</p>

Common compatibilities

is compatible with:

- Morphine
- Midazolam
- Fentanyl
- Clonidine

Common Incompatibilities : Omeprazole

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

July 2010 Review Date : Aug 2012

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

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