

Insulin (soluble)

CAUTION: High Administration Risk Rating	
Form & Storage	Human Actrapid 100 units/mL Note: 10 units of insulin is contained in 0.1mL <div style="float: right; background-color: #3b5998; color: white; padding: 5px; border-radius: 5px;">Store between 2 to 8°C until the vial has been opened.</div>
Reconstitution	Already in solution. Dilute further before administration.
Compatibility & Stability	Sodium Chloride 0.9% - for use in IV insulin infusion to achieve glycaemic control in diabetes. Glucose 50% - for treatment of hyperkalaemia. Prepared syringes should be used immediately.
Administration	An insulin syringe must always be used to draw up and prepare insulin (soluble). <u>IV Injection (hyperkalaemia only)</u> Add required dose to 50mL glucose 50% and administer centrally or into a LARGE vein over 5 - 15 minutes. <u>IV Infusion</u> Dilute 50 units insulin with 49.5mL of sodium chloride 0.9% to produce a 1unit/ml solution. Give as a continuous intravenous infusion using a syringe pump.
Monitoring	Monitor blood glucose levels.
Additional Information	<ul style="list-style-type: none"> Insulin multi-dose vials are designated for SINGLE PATIENT USE only. On removing the cap on an unopened insulin vial, complete the SINGLE PATIENT USE ONLY LABEL attached by writing date first opened and affixing patient addressograph on the reverse side of the label. Once opened, the product should be kept at room temperature in the designated Insulin Storage Box; refer to PPG CUH CUH 265 Policy and Procedure on Labelling and Storage of Insulin Products at Cork University Hospital. Keep the vial in the outer carton to protect from light. A new insulin infusion should be prepared at least every 24 hours for immediate use.

Information provided relates to Actrapid® manufactured by Novo Nordisk.