Insulin (soluble)

CAUTION: High Administration Risk Rating		
Form & Storage	Human Actrapid 100 units/mL **Note:** 10 units of insulin is contained in 0.1mL	Store between 2 to 8°C until the vial has been opened.
Reconstitution	Already in solution. • **Draw up using a 5 micron filter needle** • **Use gloves when opening ampoules** **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). **IV Injection (hyperkalaemia only)** Add required dose to 50mL glucose 50% and administer centrally or into a LARGE vein over 5 - 15 minutes. **IV Infusion** 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	• 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.