

Insulin

Actrapid[®] infusions are used in the management of DKA or Hyperkalaemia

Insulin

Actrapid[®] 100IU/ml.

Draw up the Actrapid in an insulin syringe.

Ensure 2nd nurse has checked constituent & volume

Diabetic Ketoacidosis. DKA

50 units of Actrapid[®] in 50 mls of normal saline.

Infusion usually started at 6units/hr. (set syringe driver to run at 6 mls/hour).

Medical staff may also write out a 'sliding scale' whereby insulin infusion rate is determined by BMs

Hyperkalaemia

(see hyperkalaemia infusion chart)

8 units of Actrapid[®] in 100mls of 20% dextrose over 30 minutes

Set pump to run at 200ml per hour

Check BMs at 15 and 30 mins, then hourly for up to six hours after completion of the infusion as there is a risk of delayed hypoglycaemia.

May be repeated once and/or followed by an infusion of the same mixture at 5-10ml/hour