

# Managing High Ketones Pump Therapy

**When Blood Glucose >14mmols/l it is essential to check ketone level.**

**Always have a Pen Device and Penfil Insulin as back up and part of your Emergency Pack.**

**If you are not sure what to do please give us a call early to avoid an admission to hospital.**

**Daytime (8am-6pm)                      0151 252 5766**

**Out of Hours                              0151 228 4811**

**Ask for the Diabetes Nurse on call service**

# Managing High Ketones Pump Therapy

When Blood Glucose >14mmols/l it is essential to check ketone level

Blood Ketone Guide		
Less than 0.6mmol/L	0.6-1.5mmol/L	More than 1.5mmol/L
Give a normal correction dose	Increase correction dose by 50%	Double correction dose

Novorapid, Humalog or Apidra is to be used for correction doses.

The correction dose must not exceed more than 20% of your Total Daily Insulin Dose.

## **REMEMBER!**

- If blood glucose 14mmol or above with ketones 0.6mmol/l or above additional insulin **MUST** be given by a Pen Device **NOT** your Pump.
- **CHANGE** the insulin, cannula & infusion set
- **START** a 30%-60% temporary basal increase
- **RECHECK** in 1 hour

If vomiting or change in breathing attend A&E



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