

Diabetes—High blood glucose

For children on INSULIN PUMPS—URGENT ATTENTION REQUIRED

(high blood glucose level = above 15mmol/L)

Management of high blood glucose (hyperglycaemia)

High blood glucose levels in children using insulin pumps requires urgent attention as it may indicate that insulin delivery via the pump has been interrupted.

When insulin delivery is interrupted the child can become unwell rapidly.

Checking blood ketones determines the appropriate action required.

Is blood glucose above 15mmol/L?

Check blood ketones (if unable to check ketones inform emergency contacts)

YES

Blood ketones ABOVE 0.5mmol/L

Student must give an injection of insulin (with syringe or pen)

Give _____ units of _____



INFORM EMERGENCY CONTACTS

Retest blood glucose and ketones in 2 hours

YES

Blood ketones LESS THAN 0.5mmol/L

Student may give correction bolus of insulin via the pump (the pump will automatically calculate the dose required when the blood glucose level is entered into the pump)

Retest blood glucose and ketones in 2 hours

Document and communicate as per care plan



TO CALL AMBULANCE: Dial out, then 000 or mobile 112
Say what state you are calling from, the person's condition and location



INFORM EMERGENCY CONTACTS in accordance with DECS guidelines