

MINI DOSE GLUCAGON

If you have not used this mini dose glucagon before please call for advice. Contact the hospital on 9345 5522 and ask for the diabetes sick day service.



Glucagon hypokit consists of 1)

and 3 insulin syringes.



Mini dose glucagon is a very effective and safe treatment used in children who are hypoglycaemic (Low BGL) as a result of a vomiting illness like gastro and cannot tolerate food or are refusing food due to nausea. Glucagon works by sending a message to the liver and muscles to release stores of glucose to help raise the internal blood glucose levels. Mini dose glucagon can be administered up to 3 times to stabilise blood glucose levels.

Step 1. Make up the mini dose Glucagon as follows:

- Remove the orange plastic cap from the bottle of white powder (glucagon) and the needle guard from the syringe containing sterile water
- Using the syringe in the kit inject all the water in the syringe into the glucagon vial through the bulls eye in the centre the vial.
- Remove the needle and keep the syringe in case it is later needed.
- Using an insulin syringe draw up the glucagon solution using the table below for the dose.
- Administer the solution as you would an insulin injection.

DOSE GUIDE	
Age (years)	Units on an insulin syringe
Less than 2	2
2-15	1 per year of age
Older than 15	15

Step 2. Recheck BGL in 30 minutes



If BGL is 5.5 mmol/l or above and your child is able to drink small amounts of sweetened fluids continue sick day management as per guidelines.



If BGL is less than 5.5 mmol/l AND your child is still unable to tolerate small amounts of sweetened fluids or food give **double** the dose of glucagon previously given i.e if 2 units then give 4 units for this second injection.

Step 3



- Recheck BGL in 30 minutes.
- If BGL remains below 5.5 mmol/l give a third dose. This dose is the same as the 2nd dose.
- Continue to offer small amounts of sweetened fluids and food and refer to sick day management guidelines.
- Monitor BGL's hourly if BGL maintained above 5.5 mmol/l
- Call the hospital sick day pager (see below) for support and advice at any time.

Please call the hospital if any of the following occur:

- Your child vomits 3 times
- Your child's BGL is less than 5.5 mmol/l after 3 doses of mini dose glucagon.
- You are unsure what to do.

Call the hospital on 9345 5522 and ask for the diabetes sick day service