

# Weight (kg)

## Preventing or treating hypoglycaemia flow chart

('Hypo' or Low 'Blood Glucose')

In any of the below circumstances please refer to the **Mild Hypo** green box (as long as the child is conscious & cooperative):

1. Low glucose alarm sounds
2. Glucose value below 4.0mmol/L (70mg/dL)
3. Glucose 4.0-6.0mmol/L (70-110mg/dL) with a downward trending arrow at usual times of checking e.g. break-time

**Mild Hypo**  
The child can eat and drink and is cooperative

Step 1:  
**Using the glucose value and arrow**, treat or prevent hypoglycaemia using **one** of the options from the table below (options can be changed)

Glucose mmol/L mg/dL	Arrow	Treatment Glucose (grams)	Choose only one	
4.0 - 6.0	↓↓↓			
	↓			
70-110	↘			
	→			
Less than 4.0 70	↓↓↓			
	↓			
	↘			
	→			
	↗			

Step 2: Use the Add Meal (next page) to enter the amount of carbohydrate taken.

Step 3: Look at CGM in 20 minutes .

Step 4: If CGM is still below 4.0mmol/L (70mg/dL after 20 mins, repeat

**Moderate Hypo**  
The child is conscious but not cooperative

Step 1: Give \_\_\_\_\_ tubes of GlucoGel®

Step 2: Look at CGM in 20 minutes.

Step 3: If CGM is still below 4.0 mmol/L (70mg/dL) after 20 mins repeat Steps 1 & 2.

**Severe Hypo**  
The child is unconscious and/or having a seizure and so unable to swallow

Step 1: Place child in the recovery position.

Step 2: Ensure the airway is open and that the child is breathing.

Step 3: Call 999 and Stay with the child while someone waits to direct the ambulance and informs parents.

# Add meal

Carbohydrate taken to prevent or treat hypoglycaemia must be entered into the APP in the Add Meal function. Follow these steps.

1. Open the APP
2. Open the menu
3. Select "Add meal"
4. Enter the carbohydrate taken
5. Select "Hypoglycaemia treatment"
6. Continue
7. Confirm

## Add a meal

To add a meal/snack outside of the Bolus Calculator, go to main menu:

- Select 'Add meal'
- Tap the 'Amount' field to enter the size of the meal, select whether this is a *hypoglycaemia treatment* and then tap 'Continue'
- 'Meal' confirmation screen appears; confirm the amount to return to the home screen

**Note:** When hypoglycaemia treatment is selected, the meal is shown on the detailed graph. However, the control algorithm is prevented from delivering insulin to cover the meal. This reduces the risk of follow up hypoglycaemia.

