

Appendix for Basal IQ (BIQ) – Tandem T-Slimx2

Use this appendix in conjunction with the student's Diabetes Action and Management Plan.

STUDENT'S NAME

GRADE / YEAR

INSULIN DELIVERY



FIGURE 1

BIQ works with the Dexcom G6 continuous glucose monitor (CGM).

The BIQ feature helps reduce the frequency and duration of low glucose events by predicting sensor glucose (SG) values 30 minutes ahead.

- Insulin is suspended if SG expected to drop below 4.4mmol/L or if SG falls below 3.9mmol/L.
- Insulin delivery will resume automatically as soon as SG begins to rise.

***If glucose alerts and readings from the Dexcom G6 (CGM) do not match symptoms or expectations, use a finger prick blood glucose level check to make diabetes treatment decisions.**



FIGURE 2

When Basal IQ is activated and insulin suspended, there will be a **red "S"** in the top right of the screen. The diamond in the top left corner will be shaded **red**. There will be **red bars** to indicate suspended basal insulin.

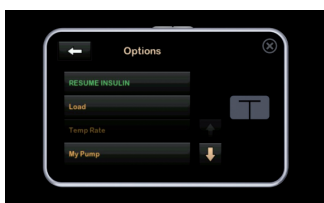


FIGURE 3

If needing to bolus for carbohydrate, basal delivery will need to be resumed prior to being able to bolus.

To Bolus as normal:

- Unlock pump 1,2,3
- OPTIONS (all deliveries stopped)
- RESUME INSULIN, tick symbol
- Bolus as normal.

EATING AND DRINKING

The student enters their finger prick **BLOOD** glucose reading and **MUST** bolus for all carbohydrate food, except for hypo treatment and activity food (if required).