Appendix for Control IQ (CIQ) – Tandem T-Slimx2

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

STUDENT'S NAME GRADE / YEAR

INSULIN DELIVERY

HOW IT WORKS
Control IQ technology uses the Dexcom CGM data to adjust the basal insulin delivery by increasing, decreasing, or suspending the programmed basal rates based on the predicted glucose value. The Control IQ technology also administers automatic correctional boluses up to once per hour.

PUMP ICONS / SYMBOL MEANINGS

Icons display on the pump screen to visually indicate when insulin delivery is increasing, decreasing, or stopped. Please refer to the table for a breakdown of status icons.

How does Control-IQ Technology work?

		Delivers an automatic correction bolus if sensor glucose is predicted to be above 10 mmol/L
10.0		
	B	Increases basal insulin delivery if sensor glucose is predicted to be above 8.9 mmol/L
8.9		
	B	Maintains active Personal Profile settings
6.25		
	B	Decreases basal insulin delivery if sensor glucose is predicted to be below 6.25 mmol/L
3.9 mmol/L		
	0	Stops basal insulin delivery if sensor glucose is predicted to be below 3.9 mmol/L

*As measured by CGM

continued...

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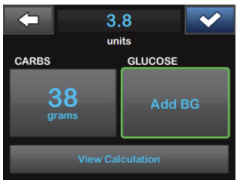
EATING & DRINKING

The student MUST bolus for all carbohydrate food, except for hypo treatment and activity food (if required).

Sensor glucose value will be transferred across to the pump when the student is ready to bolus.

BOLUS

To Bolus as normal:
- Unlock pump 1,2,3



- BOLUS
- Enter Carbohydrate amount
- **Glucose value will transfer across from CGM – Dexcom G6**
- Tap ✓ to continue, then tap ✓ to confirm

EXERCISE ACTIVITY

Some students using Control IQ may require Exercise Mode to be enabled for sport and activity. The icon below will be displayed:

The Exercise Activity is enabled.

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Government of South Australia Women's and Children's Health Network
Women's & Children's Hospital
diabetes victoria
The Royal Children's Hospital Melbourne
Monash Children's Hospital