

Tandem Tips for Camp Counselors



Pumping at Camp

The t:slim X2 pump with Control-IQ technology is an automated insulin delivery system that can help keep a target range between 70-180 mg/dL (3.9-10.0 mmol/L). There are three different treatment value ranges. Control-IQ technology is triggered to automate insulin dosing when the 30-minute predicted glucose value falls outside of the 112.5-160 mg/dL (6.25-8.9 mmol/L) range. The other two settings are for Exercise Activity and Sleep Activity.

Adjustments to insulin dosage should be based upon the camper's Diabetes Medical Management Plan or physician's orders, which should include authorization for adjustment of the dosage by the parent/caregiver. Insulin dose adjustments in the camp setting need to be approved by a licensed healthcare provider.

Treating Low Glucose

- A full 15g carb for treatment of lows may not be needed. Control-IQ technology automatically reduces the basal rate when a low is predicted. Consider treating with fewer carbohydrates.

Exercise Activity

• **Treatment Value Range: 140-160 mg/dL (7.8-8.9 mmol/L)**

- Exercise Activity has a narrower and higher treatment value range to help prevent hypoglycemia
- An automatic correction bolus may be delivered if glucose is predicted to be greater than 180 mg/dL within 30 minutes*

*If glucose values are predicted to be above 180 mg/dL (10.0 mmol/L), Control-IQ technology calculates a correction bolus using the Personal Profile settings and a target of 110 mg/dL (6.1 mmol/L) and delivers 60% of that value.

- Exercise Activity must be manually turned on and off
- Using Exercise Activity 24/7 provides additional hypoglycemia protection, but be aware that it will override programmed Sleep Schedules
- Exercise Activity can be used on top of an alternate Personal Profile dedicated to an activity for extra protection against hypoglycemia

Sleep Activity

• **Treatment Value Range: 112.5-120 mg/dL (6.1-6.7 mmol/L)**

- Sleep Activity has a narrower and lower treatment value range because there are fewer variables that affect glucose during sleep
- Automatic correction boluses will not be delivered when Sleep Activity is active
- Align Sleep Schedule time settings with the camp schedule
- Consider delaying Sleep Activity if the camper has hyperglycemia at the start time
- Using Sleep Activity 24/7 is not recommended due to potential risk of hypoglycemia with a lower target during times of increased activity



Need Help?

- Visit us online at support.tandemdiabetes.com
- USA Technical Support (877) 801-6901
- Canada Technical Support (833) 509-3598

Important Safety Information

RX ONLY. The t:slim X2 pump and Control-IQ technology are intended for single patient use. The t:slim X2 pump and Control-IQ technology are indicated for use with U-100 insulin only. **t:slim X2 insulin pump:** The t:slim X2 insulin pump with interoperable technology is an alternate controller enabled (ACE) pump that is intended for the subcutaneous delivery of insulin, at set and variable rates, for the management of diabetes mellitus in people requiring insulin. The pump is able to reliably and securely communicate with compatible, digitally connected devices, including automated insulin dosing software, to receive, execute, and confirm commands from these devices. The t:slim X2 pump is indicated for use in individuals six years of age and greater. **Control-IQ technology:** Control-IQ technology is intended for use with a compatible integrated continuous glucose monitor (iCGM, sold separately) and ACE pump to automatically increase, decrease, and suspend delivery of basal insulin based on iCGM readings and predicted glucose values. It can also deliver correction boluses when the glucose value is predicted to exceed a predefined threshold. Control-IQ technology is intended for the management of Type 1 diabetes mellitus in persons six years of age and greater.

Warning: Control-IQ technology should not be used by anyone under the age of six years old. It should also not be used in patients who require less than 10 units of insulin per day or who weigh less than 55 pounds (25 kilograms).

Control-IQ technology is not indicated for use in pregnant women, people on dialysis, or critically ill patients. Do not use Control-IQ technology if using hydroxyurea. Users of the t:slim X2 pump and Control-IQ technology must: use the insulin pump, CGM, and all other system components in accordance with their respective instructions for use; test blood glucose levels as recommended by their healthcare provider; demonstrate adequate carb-counting skills; maintain sufficient diabetes self-care skills; see healthcare provider(s) regularly; and have adequate vision and/or hearing to recognize all functions of the pump, including alerts, alarms, and reminders. The t:slim X2 pump, and the CGM transmitter and sensor must be removed before MRI, CT, or diathermy treatment. Visit tandemdiabetes.com/safetyinfo for additional important safety information.

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