

# Deliver a Bolus

for the t:slim X2™ Insulin Pump



The instructions below are provided as a reference tool for caregivers who are already familiar with the use of an insulin pump and with insulin therapy in general. Not all screens are shown. For more detailed information on the operation of Tandem's insulin pumps, please visit [www.tandemdiabetes.com/support](http://www.tandemdiabetes.com/support).



1.

Tap **0 grams** to enter the carbs for your bolus.

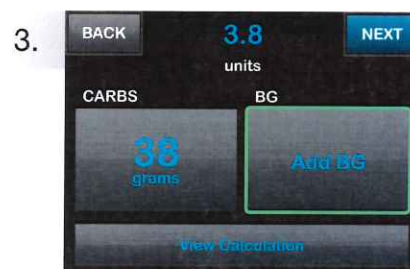
**NOTE:** If this button reads "units," the carb feature is turned off in the active profile.



2.

Enter desired value. Be sure "grams" is displayed above keypad for food boluses.

Tap **DONE** to continue.



3.

Tap **Add BG** to enter your blood glucose.



4.

Enter desired value. Be sure "mg/dL" is displayed above keypad when entering BG values.



5.

If a BG is entered that is below the target, but above 70 mg/dL, you will be offered the option to reduce the bolus amount. To accept that reduction tap **YES**; otherwise, tap **NO**.



6.

Tap **NEXT** to continue. Tap the calculated units value to manually adjust recommended dose.



7.

Verify the dose and tap **YES** to confirm.

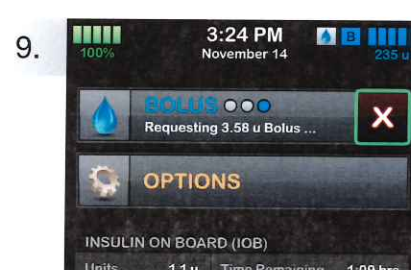
**NOTE:** Calculations above are based on preset insulin-to-carb ratios and correction factors, which may be set in Personal Profiles.



8.

Tap **DELIVER** to deliver the food bolus immediately.

The **BOLUS INITIATED** screen will appear to confirm delivery has started.



9.

To cancel the undelivered portion of the bolus, tap the white X on the **BOLUS** button on the Home Screen, then tap **YES** to confirm canceled bolus.



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## How Does Control-IQ Technology Work?







Control-IQ™ technology is designed to help increase time in range (70–180 mg/dL)\* using Dexcom G6 continuous glucose monitoring (CGM) values to predict glucose levels 30 minutes ahead and adjust insulin delivery accordingly, including delivery of automatic correction boluses (up to one per hour).

		 Control-IQ	 Sleep Activity	 Exercise Activity
 <b>Delivers</b>	Delivers an automatic correction bolus if sensor glucose is predicted to be above ___ mg/dL	180	--	180
 <b>Increases</b>	Increases basal insulin delivery if sensor glucose is predicted to be above ___ mg/dL	160	120	160
 <b>Maintains</b>	Maintains active Personal Profile settings when sensor glucose is between ___ - ___ mg/dL	112.5 - 160	112.5 - 120	140 - 160
 <b>Decreases</b>	Decreases basal insulin delivery if sensor glucose is predicted to be below ___ mg/dL	112.5	112.5	140
 <b>Stops</b>	Stops basal insulin delivery if sensor glucose is predicted to be below ___ mg/dL	70	70	80

\*As measured by CGM.

## Control-IQ Technology Pump Icons

Symbol	Meaning
	Control-IQ technology is on but not actively increasing or decreasing basal insulin delivery.
	Control-IQ technology is increasing basal insulin delivery.
	Control-IQ technology is decreasing basal insulin delivery.
	Control-IQ technology has stopped basal insulin delivery.
	Control-IQ technology is delivering an automatic correction bolus (or an automatic bolus).
	The Sleep Activity is enabled.

Symbol	Meaning
	Control-IQ technology is delivering the normal Personal Profile basal rate.
	Control-IQ technology is increasing basal insulin delivery.
	Control-IQ technology is decreasing the basal insulin delivery.
	Basal insulin delivery is stopped and a basal rate of 0 u/hr is active.
	Control-IQ technology is delivering an automatic correction bolus.
	The Exercise Activity is enabled.

