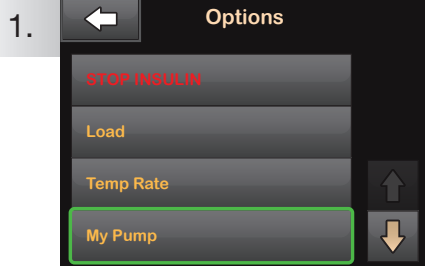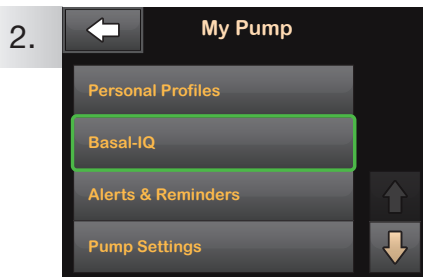# Basal-IQ Technology
for the t:slim X2 Insulin Pump

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 the Tandem insulin pump, please refer to its user guide.

To turn the Basal-IQ™ feature ON or OFF:

1.

Options
STOP INSULIN
Load
Temp Rate
My Pump

From the Options menu, tap My Pump.

2.

My Pump
Personal Profiles
Basal-IQ
Alerts & Reminders
Pump Settings

Tap Basal-IQ.

3.

Basal-IQ	✓
Basal-IQ	●
Suspend Alert	○
Resume Alert	○

Tap the toggle next to Basal-IQ to turn the feature ON or OFF. To save the setting, tap ✓.

NOTE: No alerts or alarms are required to use Basal-IQ technology. On the Basal-IQ screen, users can choose whether or not to receive alerts when insulin is suspended or resumed based on personal preferences. Alerts remain off unless manually turned on.

WARNING: Basal-IQ technology can only suspend insulin delivery when the CGM is in range. If users go out of range during insulin suspension, insulin will resume at the current profile rate. The CGM Out of Range Alert is defaulted to ON and we recommend not turning this setting off when using Basal-IQ technology.

Once Basal-IQ technology is ON, monitor activity from the Home Screen:

A red icon with the letter "S" indicates that all insulin delivery is suspended.

NOTE: A CGM session must be currently running in order to use Basal-IQ technology.

A gray diamond icon indicates the Basal-IQ feature is turned on. When insulin is suspended, the bottom half of the diamond will turn red.

Red bars on the CGM graph indicate when insulin delivery has been suspended.

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Basal-IQ Technology
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 the Tandem insulin pump, please refer to its user guide.

To connect the CGM transmitter and pump:
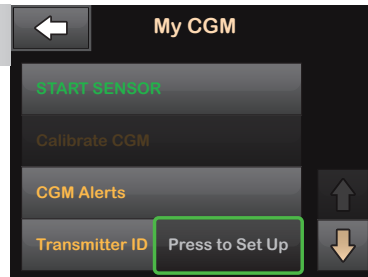**EVERY 3 MONTHS**

1. Locate the ID on the bottom of the transmitter before attaching it to a sensor.
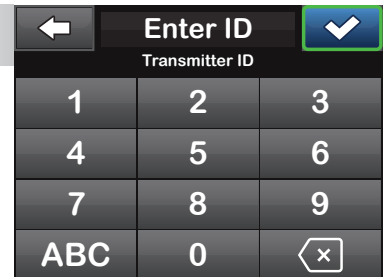
2. In the Options menu, tap the Down Arrow, then: My CGM > Transmitter ID.

Tap Press to Set Up.

3. Enter transmitter ID and tap ✔.

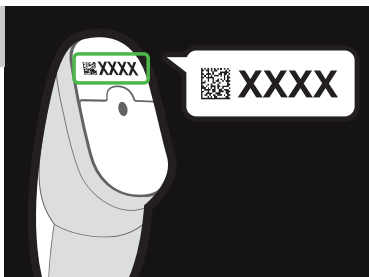Users will be prompted to enter the ID again to verify accuracy, after which the transmitter will be connected.

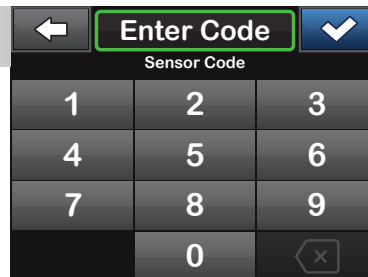## To start a new sensor session:
EVERY 10 DAYS

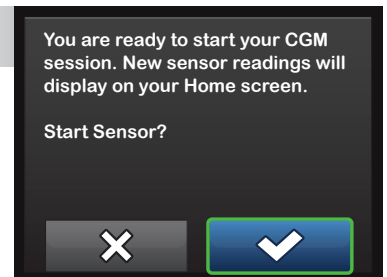**1.** Locate the sensor code on the adhesive strip found on the bottom of the applicator.

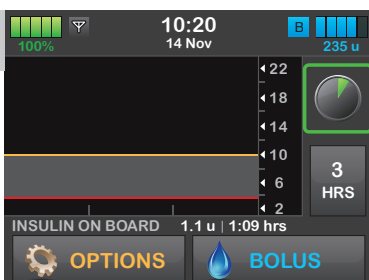**2.** In the Options menu, tap the Down Arrow, then: My CGM > START SENSOR > CODE and enter sensor code.

If the user intends to calibrate the sensor using a blood glucose meter, tap My CGM > START SENSOR > SKIP.

3. Tap ✔ to confirm the start of a new CGM sensor session.

4. A screen will appear to indicate the two-hour startup process has begun. During this time, users will not receive sensor data or be able to use Basal-IQ technology.

NOTE: The countdown symbol fills in over time to show how much time is left before the system is ready to display current CGM reading.

If a sensor code is not entered prior to starting a sensor session, the t:slim X2™ insulin pump will prompt users to calibrate using a blood glucose meter at regular intervals. By entering a Sensor Code, users will not be prompted to calibrate the sensor.

If glucose alerts and readings do not match symptoms or expectations, use a blood glucose meter to make diabetes treatment decisions.