HOW TO ADJUST THE
CORRECTION BOLUS

These adjustment guidelines are provided for information purposes only
and are not a substitute for advice from your healthcare team.

Speak to your healthcare team at any time, as needed.

This section does not apply to hybrid closed-loop systems that don't allow to adjust the sensitivity factor (e.g., 770g from Medtronic). If you are using Tandem Control IQ, the duration of action of insulin is fixed at 5 hours. In this case, use the following method, replacing 4 hours with 5 hours.

I need to consider the following points BEFORE I take a correction bolus and assess its impact. They will help me validate whether an adjustment is needed or not.

Before performing the test, I make sure that:

- I perform this test when my **blood sugar is high, but not too high (10 to 15 mmol/L).**
- The insulin dose **I take for carbs is correct** (if applicable).
- **I have not taken a correction bolus in the last 4 hours.**
- **I do not eat carbs or do physical activity** for 4 hours after taking the correction bolus.

If all the conditions above are met, I can take a
correction bolus and assess its effect.

I check my **blood sugar 4 hours later.**   .
Four hours later, my blood sugar should have returned to target levels
(e.g., between 4.0 and 7.0 mmol/L).

I need to take the time to assess the impact of several
correction boluses before I make an adjustment (e.g. test the same correction bolus 3 times to identify a trend).
**If my blood sugar is below or above my target level 4 hours later, or if I have
hypoglycemia during the test, my correction bolus needs to be adjusted.**

▼   **BLOOD SUGAR READING 4 hrs after the bolus**   ▼

BELOW my target or episode of **HYPOGLYCEMIA** **during** or **at the end of the test**	**ABOVE** my target **at the end of the test**

▼   **WHAT SHOULD I DO?**   ▼

INCREASE my sensitivity factor	**DECREASE** my sensitivity factor

▼   **BY HOW MUCH?**   ▼

If the current sensitivity factor is **less than or equal to 3:**

+ 0.5	**- 0.5**

If the current sensitivity factor is **greater than 3**

+ 1.0	**- 1.0**

▼

I need to remember to assess the adjustment that I made
when I take the next correction boluses to make sure it's working.