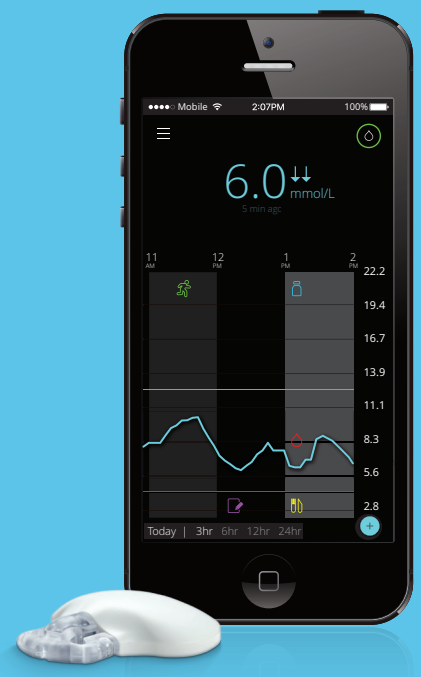


GETTING STARTED WITH **CONTINUOUS GLUCOSE MONITORING**

Guardian™ Connect System

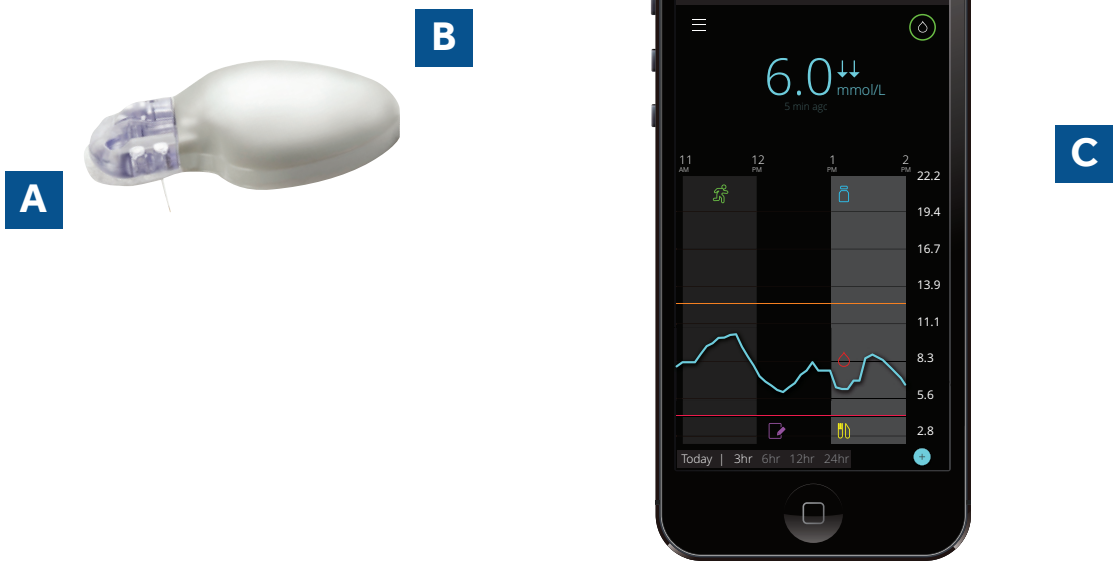
Medtronic

GETTING STARTED WITH CONTINUOUS GLUCOSE MONITORING
Guardian Connect System

TRAINING HANDOUTS

SECTION 1: WELCOME TO CONTINUOUS GLUCOSE MONITORING

The first step in using CGM is to understand the items included in your CGM system.



Your Continuous Glucose Monitoring (CGM) system includes 3 key items:

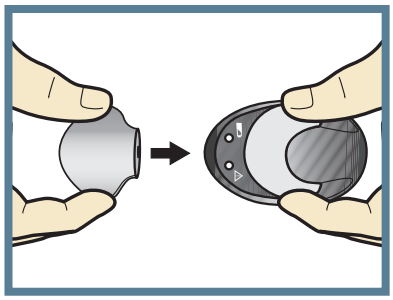
A	**Glucose sensor**	The Enlite sensor measures glucose levels in the body.
B	**Transmitter***	The Guardian Connect transmitter connects to the glucose sensor and sends glucose readings to your app.
C	**Guardian Connect app**	The Guardian Connect app displays glucose readings.

Other items include: One-press serter, overtape, transmitter charger and tester

Refer to the Guardian Connect System User Guide for more information.

* The transmitter must be within 6.1 meters (20 feet) of the Guardian Connect app in order to communicate sensor readings.

Before we proceed, let's make sure that you have completed these important steps:



1 Charge your Guardian Connect transmitter

Place the transmitter on the gray charger. The green light on the charger will flash. The transmitter is fully charged when the green light is off.

2 Download the Guardian Connect app

Download the app directly from your mobile device app store.

Guardian

3 Turn on Bluetooth® wireless technology

Make sure Bluetooth wireless technology is turned on in your mobile device.

4 Turn on internet connection

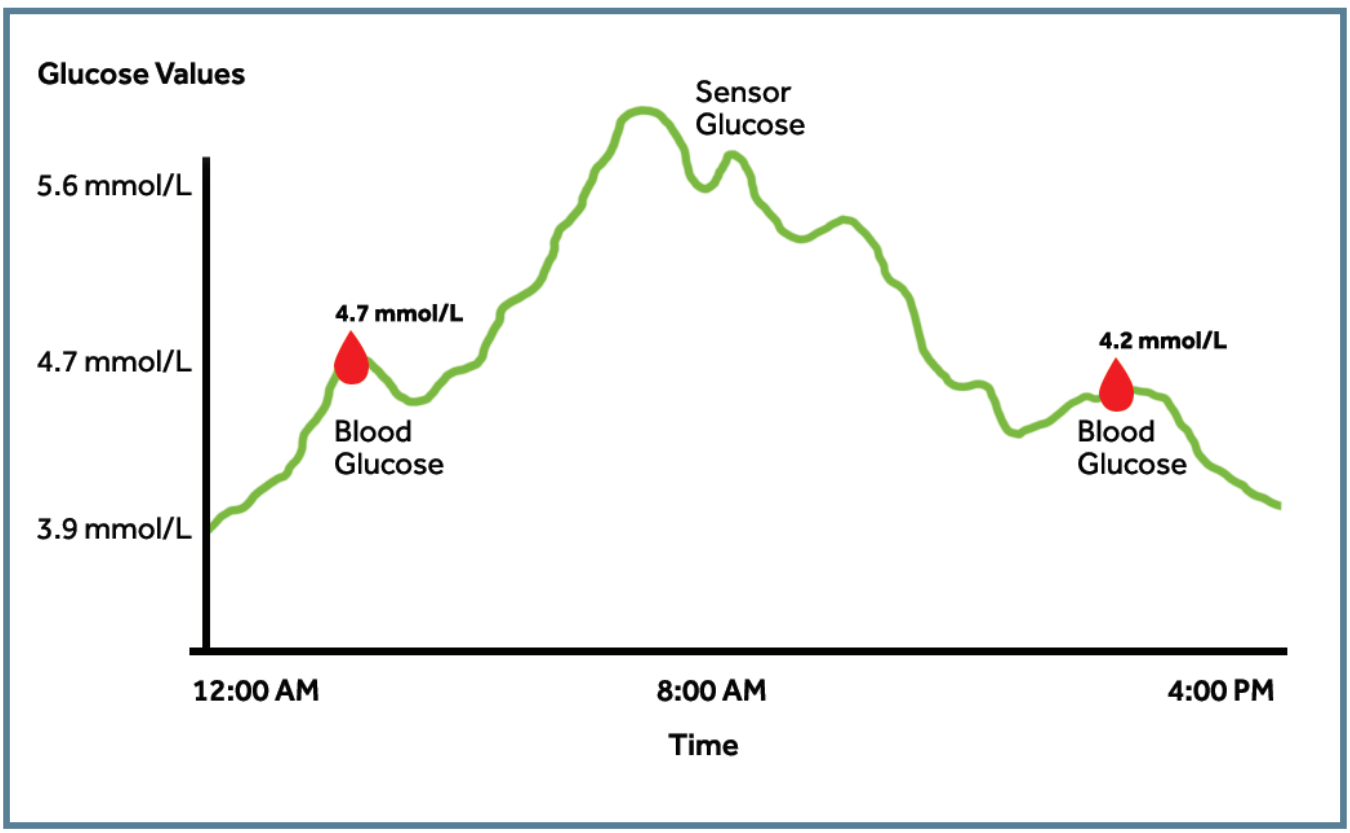
Internet must be available on your mobile device in order to access CareLink Personal software.

5 Create a CareLink® software account

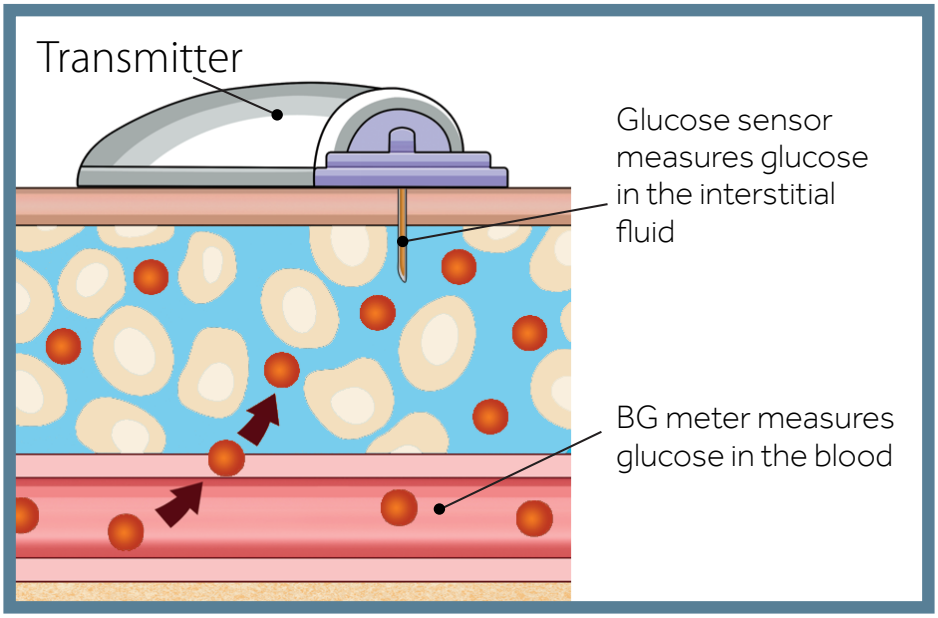
If you do not have an existing account and need to enroll, or are unsure of your personal login, visit the following website:
www.carelink.minimed.eu

SECTION 2: SENSOR GLUCOSE (SG) AND BLOOD GLUCOSE (BG)

Continuous Glucose Monitoring (CGM) allows you to see what your glucose values are when you are not testing. You will receive up to **288 sensor glucose readings every 24 hours,** filling the gaps between your blood glucose (BG) tests. CGM can alert you to your high and low glucose values and show you the speed and direction that your glucose levels are moving.



Your **BG meter** measures glucose levels in your **blood**. The **glucose sensor** measures glucose in the fluid surrounding the cells of your tissue called **interstitial fluid**.



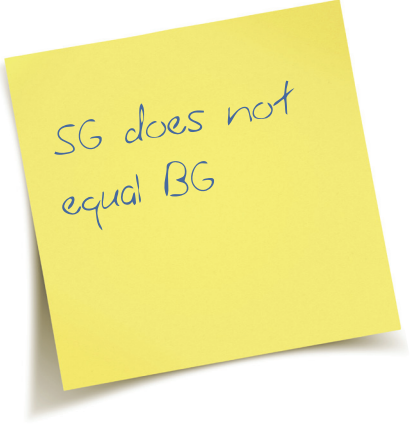
Because your glucose moves between these two places, **your blood glucose meter readings (BG) and sensor glucose readings (SG) will be similar but will rarely match exactly**.

This difference is normal and should be expected.

You can expect to see a larger difference between your BG meter reading and the sensor glucose reading when your glucose levels are rising or falling quickly.

Examples of times when this larger difference may occur:

- After meals or taking a bolus of insulin
- During and after exercise
- When arrows appear on your Guardian Connect app screen as explained in the next section



IMPORTANT: Sensor glucose is not the same as blood glucose. Your SG and BG readings will be similar to one another but will rarely match exactly.

Sensor glucose values should not be used to make diabetes treatment decisions. Always confirm your glucose value with a BG meter first.

If you "feel" that your glucose is high or low, but your sensor glucose does not match your symptoms, always test your blood glucose using your BG meter.

KNOWLEDGE CHECK

Sometimes my SG and BG will not match exactly.

A. True
B. False

Write either SG or BG next to each statement below.

SG – Sensor Glucose
BG – Blood Glucose

_____ readings are measured with your finger stick meter

_____ readings are measured using CGM

_____ is measured in interstitial fluid

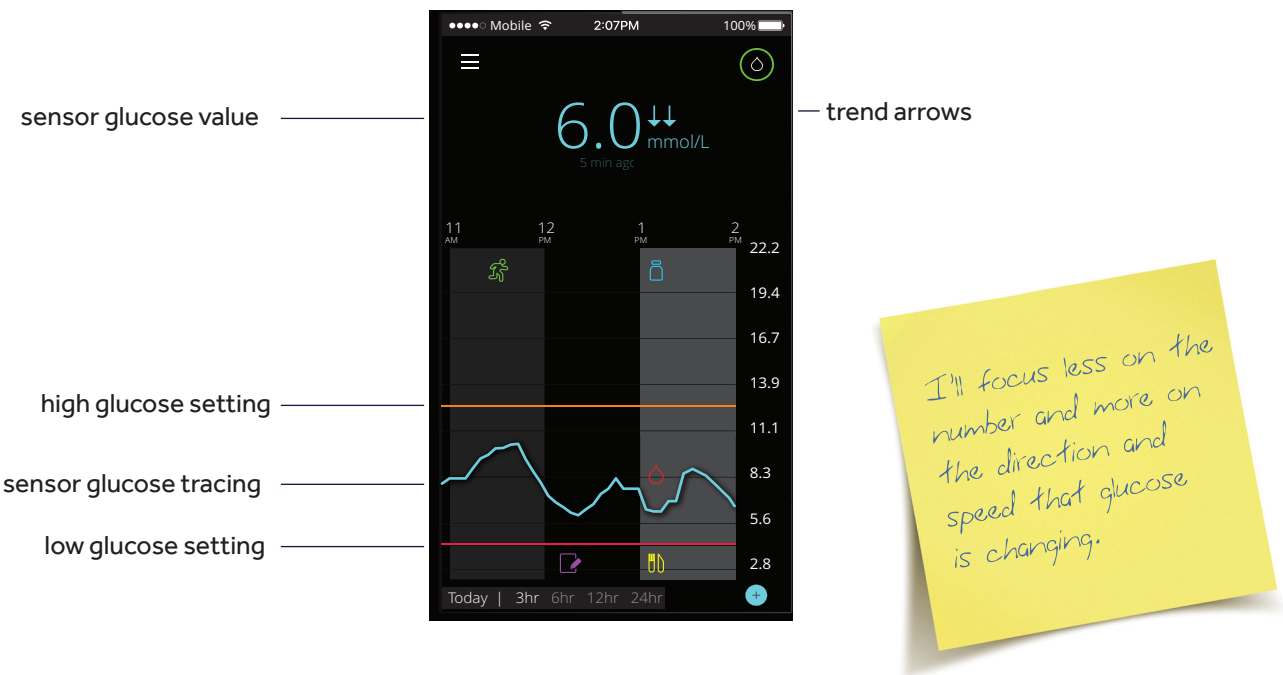
SECTION 3: TRENDS

When using CGM, focus on sensor glucose trends. These trends give insight into the direction and the speed that your glucose is changing.

This allows you to:

- **focus less** on the individual sensor glucose numbers.
- **focus more** on how quickly your glucose may be rising or falling.

Example of sensor information on the Home Screen



When looking at the sensor information above, you can see that the current glucose reading is 6.0 mmol/L. But also notice:

- **the sensor glucose tracing** shows the glucose has been trending downward.
- **the two arrows next to the sensor glucose value** tell you the glucose has been dropping.

↑ or ↓ - **SG has been changing** by 1-2 mmol/L over the last 20 minutes

↑↑ or ↓↓ - **SG has been changing quickly** by 2-3 mmol/L over the last 20 minutes

↑↑↑ or ↓↓↓ - **SG has been changing very quickly** by 3 mmol/L over the last 20 minutes

Note: You can expect to see your glucose rising or falling quickly after eating, taking insulin, or when exercising.

KNOWLEDGE CHECK

↑↑ and ↑↑↑ mean my sensor glucose has been _____ quickly.

A. rising
B. falling

Paula sometimes forgets to bolus before eating. Which trend arrow(s) might she see next to her sensor glucose reading as a result of forgetting to bolus?

A ↑↑
B ↓↓
C ↑↑↑
D both A and C are possibilities

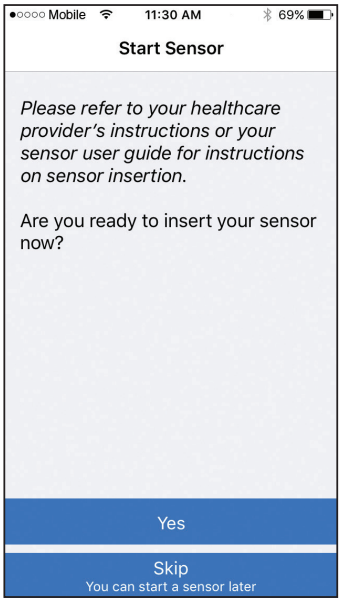
SECTION 4: GUARDIAN CONNECT APPLICATION

Now that we have covered the basics of how CGM works let's set up your Guardian Connect application on your mobile device.

Starting the Guardian Connect Application

To open the application:

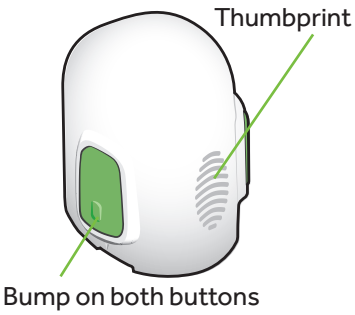
1) Tap on your mobile device.
2) Follow the steps on the screen to set up your Guardian Connect app.
3) When you have reached the **Start Sensor** screen, proceed to the next section on **Inserting and Starting the Sensor** of this Getting Started Guide.



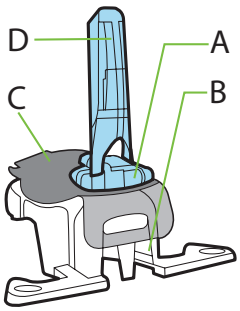
SECTION 5: INSERTING AND STARTING THE SENSOR

Before you insert your sensor, gather all of your supplies:

Guardian Connect System Components*

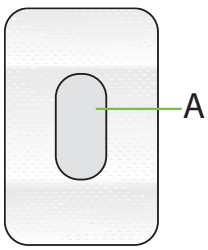


One-press Serter



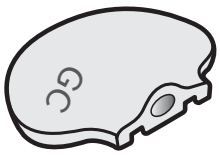
Enlite® Sensor & Pedestal

A – Sensor
B – Pedestal
C – Adhesive pad
D - Needle housing



Sensor Overtape

A – Pre-cut Hole



Guardian Connect Transmitter

*For more details on the Enlite System Components, consult the User Guides

One-press serter is required in order to insert the sensor properly and safely

Enlite sensor is individually packaged and comes attached to a plastic pedestal which is necessary for proper loading into the serter

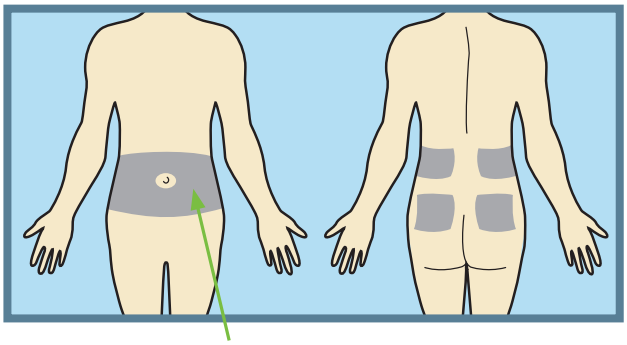
Sensor overtape is required to keep the sensor securely in place

Guardian Connect transmitter is connected after the sensor is inserted and covered with the overtape

Selecting Your Site

Choose an insertion site that has an adequate amount of fat in the shaded areas shown to the right.**
The sensor insertion site should be at least:

- 5 centimeters (2 inches) from your navel
- 2.5 centimeters (1 inch) from your insulin pump infusion site
- 2.5 centimeters (1 inch) from any manual insulin injection site



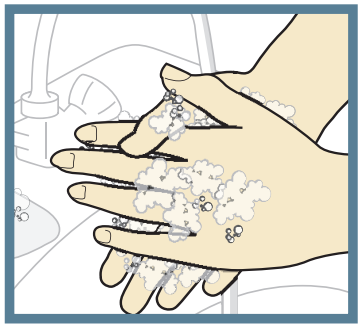
** Clinical trials for glucose sensors were performed on sensors inserted in the shaded area shown

For best sensor glucose performance, avoid sites:

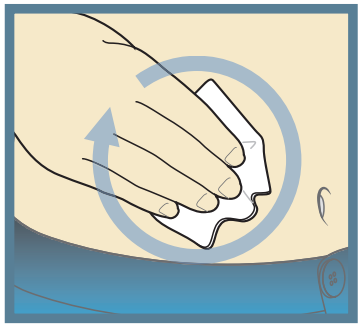
- Where clothing may rub or constrict (for example, your beltline)
- Where your body naturally bends a great deal which may cause the sensor to pull out
- That are scarred or have hardened tissue or stretch marks
- Where there is a great deal of motion or friction

Preparing Your Site

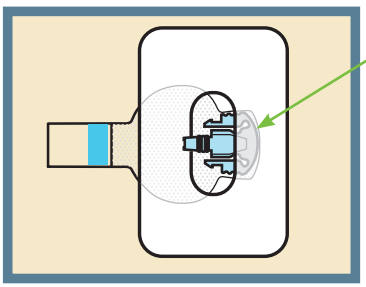
- Wash your hands with soap and water.



- Clean the selected site with an alcohol swab and allow the alcohol to dry. Do not use IV prep.



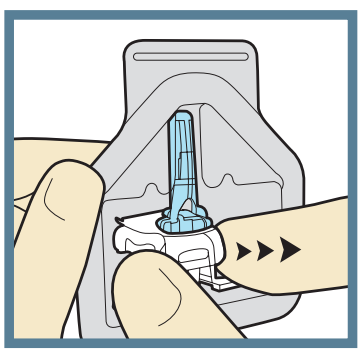
Example of Enlite sensor after insertion is complete



Overtape is covering both the sensor and the skin

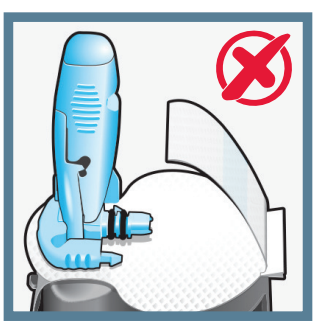
Inserting Your Sensor

1. **Open the sensor package.** Pull the corner of the paper covering to open the sensor package.



2a. **Hold sensor by plastic pedestal.** Remove the sensor with the attached pedestal by holding the pedestal only. Place the sensor and pedestal on a clean, flat surface (a table).

Correct

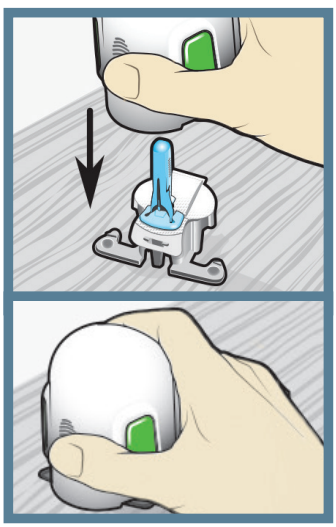


Incorrect

2b. **Tuck adhesive tab.** Make sure that the sensor's adhesive tab is tucked under the sensor connector and snaps.

Correct

Incorrect

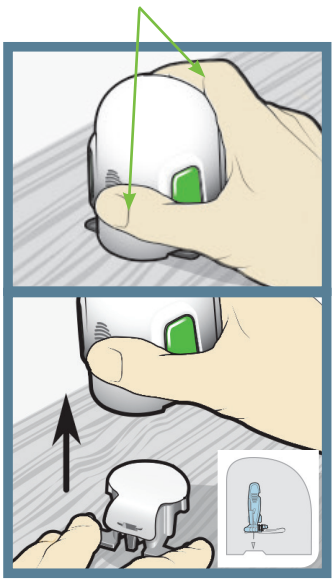


3. **Load sensor into serter.** Grip serter exactly as shown **with thumb placed on thumbprint on serter. Do not hold green buttons.** Push serter down onto pedestal until base of serter sits flat on table.

Note: The thumbprint on the serter can be used for either left handed or right-handed insertion.

Inserting Your Sensor, cont'd

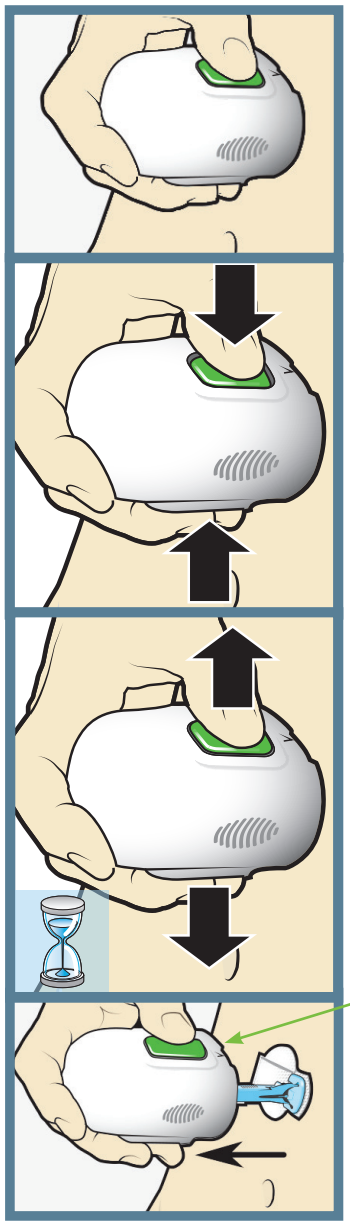
Fingers NOT holding green buttons



4. **Detach serter from pedestal.** To detach serter from pedestal, grip serter as shown, with thumb on thumbprint on serter. With the other hand, place two fingers on pedestal feet and slowly pull serter straight up.
NOTE: Make sure that pedestal is firmly on the table before pulling serter away.
Warning: Do not detach pedestal from serter in mid-air as this may damage sensor.

Note: The sensor remains inside the serter after removing the pedestal. The arrow on each side of the serter indicates location of the sensor needle.

NOTE: Failing to hold serter securely flat against the body may allow serter to spring back after pressing the buttons and result in improper insertion of the sensor.



5a. **Place serter on body.** Hold serter steadily against your cleaned insertion site, without pushing serter too deeply into skin.

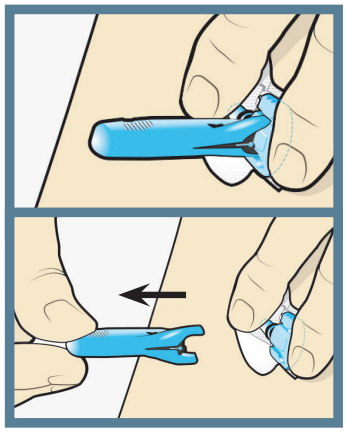
5b. **Insert sensor.** Press and release the **bump** on both buttons at same time. Do not pull the serter away from your body just yet.

5c. **Hold serter against body.** Continue holding serter against your body to allow adhesive time to stick to skin.

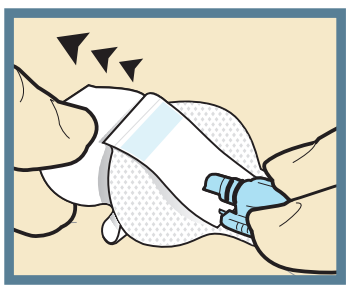
Do not press buttons

5d. **Remove serter from body.** Slowly pull serter away from skin, **making sure buttons are not pressed.**

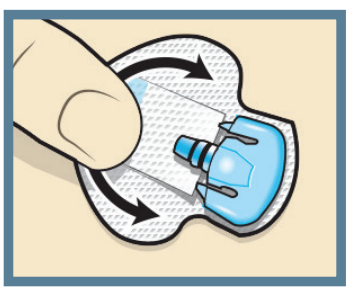
Inserting Your Sensor, cont'd



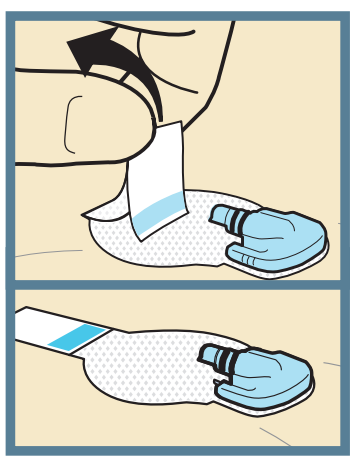
6. **Remove needle housing.** Gently hold sensor base against skin at sensor connector and opposite end of sensor base. With the other hand, hold needle housing **at the top** and slowly pull straight out, away from sensor. Dispose needle housing in sharps container.



7a. **Remove adhesive pad liner.** Hold sensor in place and gently remove liner from under adhesive pad. Do not remove liner on rectangular adhesive tab yet.



7b. **Press entire adhesive pad to skin.** Firmly press adhesive pad against skin and smooth entire adhesive pad so it sticks to skin.

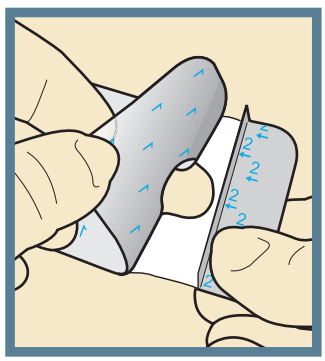


8a. **Untuck adhesive tab.** Untuck adhesive tab from under sensor connector.

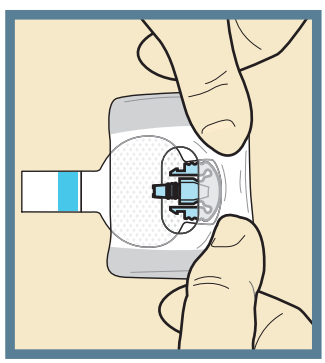
8b. **Straighten adhesive tab.** Straighten adhesive tab so it lies flat against your skin, but do not remove adhesive liner yet.

Taping Your Sensor

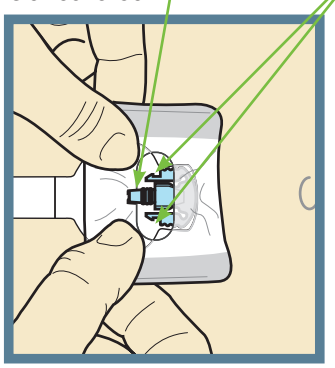
Before you connect the MiniLink transmitter to your Enlite sensor it is very important that you properly secure the sensor against your skin using the sensor overtape.



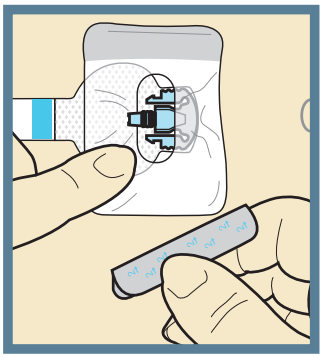
1. **Remove adhesive liner 1.** Remove liner 1 from the overtape. Do not remove the two smaller liners marked 2 on the sides of the overtape.



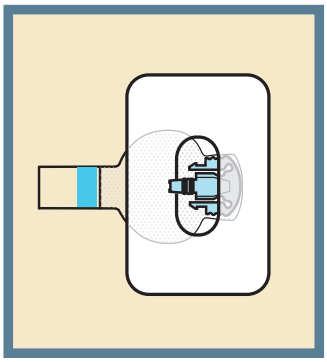
2. **Apply overtape on sensor and skin. Important: Attach the overtape to both the rounded part of the sensor and the skin next to the sensor.**



3. **Apply remainder of overtape on adhesive pad.** Stretch the remaining part of the overtape around the sensor connector so that the tape sticks to the curved adhesive pad and does not block the sensor connector and snaps. **Continue to press the overtape to your skin to help ensure that it sticks securely.**



4. **Remove liners marked 2.** Remove the liners marked 2 from both sides of the overtape and press the adhesive against the skin.



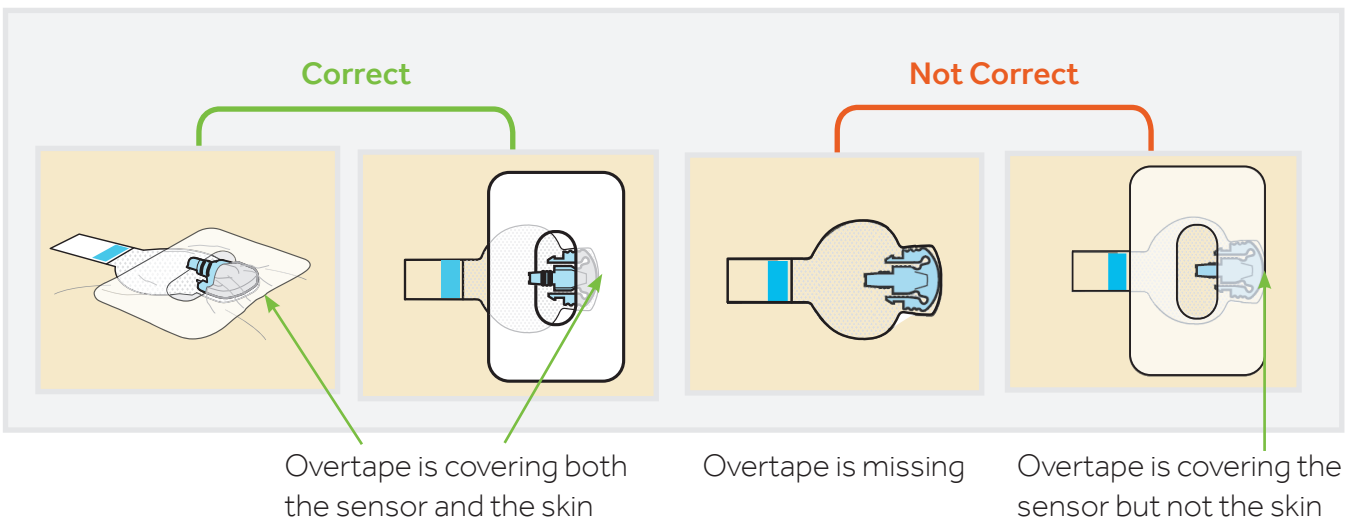
5. This image is an example of the overtape applied correctly. The sensor base and skin next to it are covered, but the sensor connector and snaps are uncovered and appear in the opening in the center of the overtape.

IMPORTANT: All sensor tapes and adhesives stick best when you continue to apply pressure after putting them on your skin. Doing so helps the Enlite sensor stay securely placed and fully inserted.

Checking Proper Tape Application

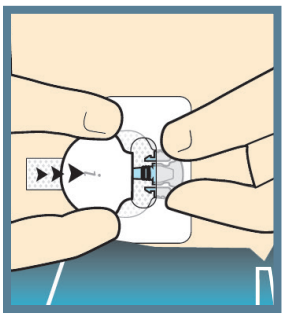
It is important to check your sensor site periodically to make sure the sensor is still secure and has not been pulled out. If the sensor has been pulled out, do not try to push it back into place. A new sensor may need to be inserted.

Check Proper Tape Application

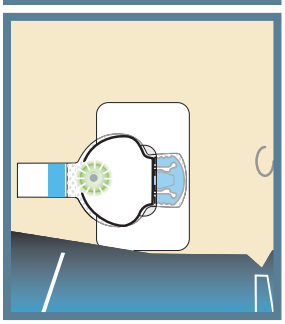


Connecting Your Transmitter

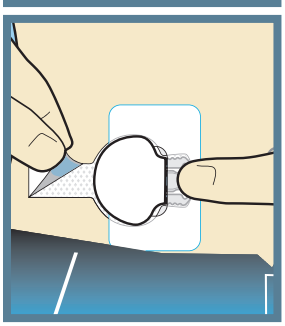
After the glucose sensor is inserted and taped securely, connect the transmitter to the glucose sensor immediately.



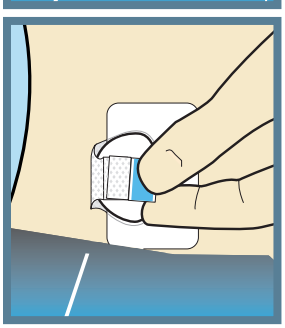
1. **Connect transmitter to sensor.** With one hand, hold the sensor in place. With the other hand, connect the transmitter to the sensor.



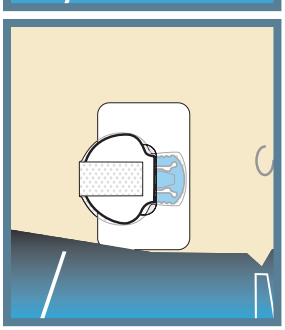
2. **Check for green light.** You will hear a faint "click" indicating that the two parts are connected. Check for a green light to flash on the transmitter.



3. **Remove liner on tab.** Remove the paper on the adhesive tab.



4. **Apply tab.** Fold the adhesive tab over and onto the transmitter. **Important: Be careful not to pull the adhesive tab too tightly or it may cause the transmitter to bend or pull from the sensor connection.**

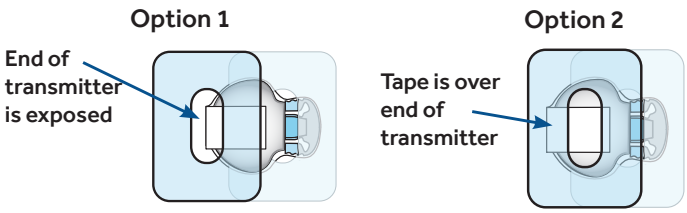


5. **Press tab.** Press the adhesive onto the transmitter.

Applying Optional Second Overtape

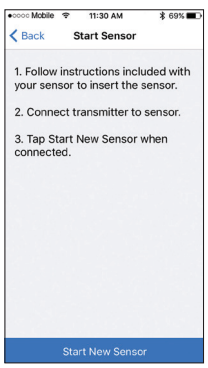
After connecting your transmitter to your sensor, apply a second piece of overtape, if needed, use Option 1 or 2.

If you have skin irritation due to moisture buildup, follow Option 1. If transmitter catches on your clothes, follow Option 2.



Starting the Sensor

Now that you have inserted and taped your sensor return to your Guardian Connect app on your mobile device to complete the sensor start up. Tap **Start New Sensor.**



Removing Sensor in Six Days

1. Peel off tape.
2. Disconnect transmitter by pinching side arms of sensor. Then pull transmitter away.
3. Place transmitter on charger.
4. Peel off and discard sensor.

IMPORTANT If you do not see a green light flashing on the transmitter after it is connected to the sensor, then disconnect the transmitter and place it back on the charger to ensure that it is fully charged. Then reconnect the transmitter to the sensor.

Note: When your transmitter is connected to your sensor they are water-tight at 2.4 meters (8 feet) for up to 30 minutes. You can shower and swim without removing them.

Properly applying the overtape is key to ensuring your success with the Enlite sensor. Due to the sensor's small size and flexible nature, the overtape helps to secure it from body motion or physical activity that can cause it to be pulled out.

KNOWLEDGE CHECK

Placing your thumb on the thumbprint marking on the serter is necessary in order to:

A. Avoid accidentally pressing the green buttons before you are ready to insert the sensor.
B. To insert the sensor into the skin.
C. I don't know.

Taping the sensor for extra security is optional.

A. True
B. False

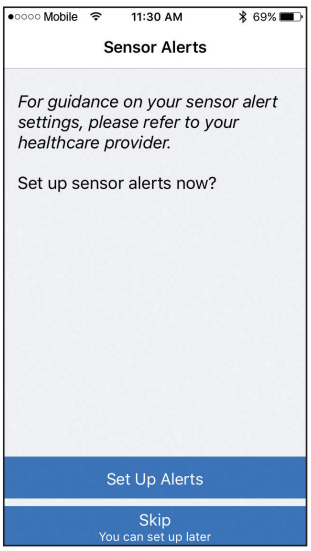
SECTION 6: PERSONALIZED ALERTS

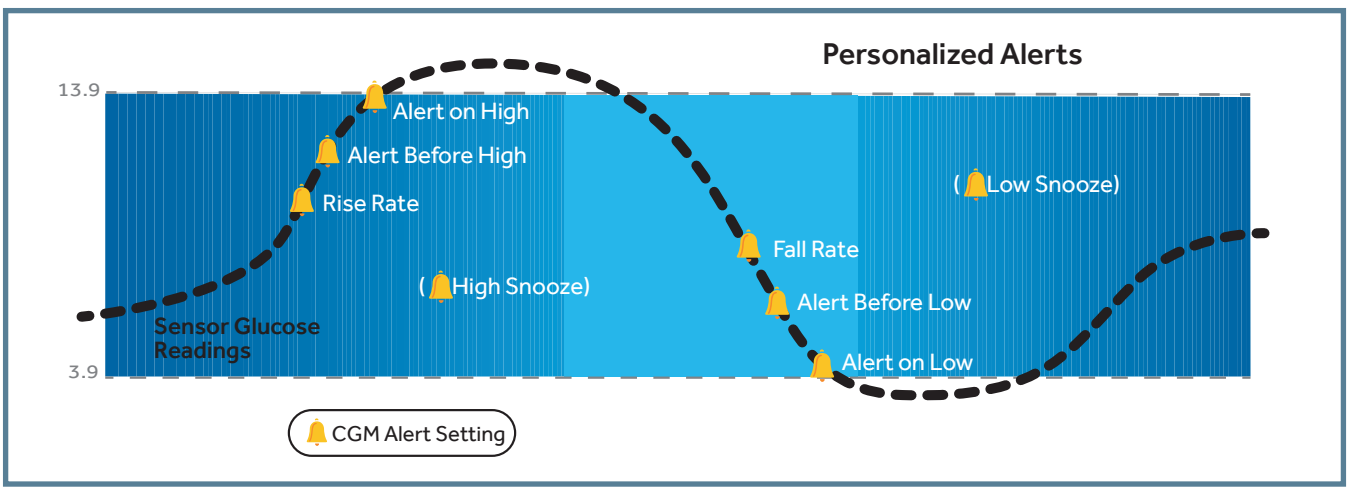
Completing Setup of the Guardian Connect System

When you have reached the **Sensor Alerts** screen refer to the descriptions of the alert settings below.

Then write in your alert settings prescribed by your healthcare professional on the **CGM Settings Form** on page 20. These are the alert settings you will use to complete the setup of your Guardian Connect system.

- Your CGM alert settings are most beneficial if they are personalized for your needs.
- Your healthcare professional will work with you to determine your initial settings and help you with adjustments that need to be made.





ALERT SETTING	ALERT SHOWN ON SCREEN	WHAT DOES IT MEAN
HIGH SETTINGS		
High Limit	No alert is shown. The high limit is the value that the other high settings are based on.	The sensor glucose value that your healthcare provider determines is above the sensor glucose range appropriate for you.
Alert Before High	High Predicted	Your sensor glucose value is predicted to reach your programmed high limit.
Time Before High	High Predicted	You can be notified from 10 minutes up to 1 hour before your sensor glucose value is expected to reach your high limit.

ALERT SETTING	ALERT SHOWN ON SCREEN	WHAT DOES IT MEAN
HIGH SETTINGS		
Alert on High	High Sensor Glucose	Your sensor glucose value has reached or risen above your high limit.
Rise Alert	Rise Alert	Your sensor glucose has been rising rapidly. Indicated by ↑, ↑↑, or ↑↑↑
Snooze Time	N/A	You can be reminded when any of the high alert situations still exist after 5 minutes up to 1 hour has passed. Applies to all high settings.

Snooze...

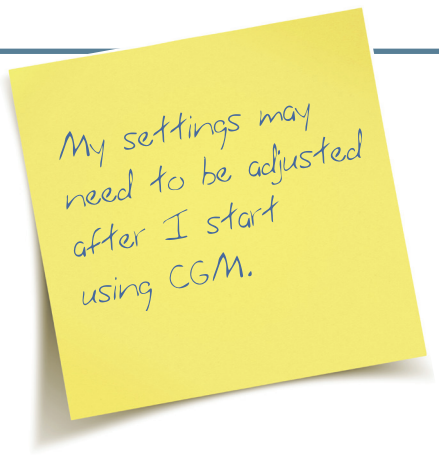
Stephen's doctor instructed him to turn on **Alert on High** with a **Snooze** of 2 hours. If his sensor glucose reaches his high limit, he checks his BG and takes insulin if he needs it. His Guardian Connect system will check again in 2 hours and alert him if he is still at or above his high limit.

ALERT SETTING	ALERT SHOWN ON SCREEN	WHAT DOES IT MEAN
LOW SETTINGS		
Low Limit	No alert is shown. The low limit is the value that the other low settings are based on.	The sensor glucose value that your healthcare provider determines is below the sensor glucose range appropriate for you.
Alert Before Low	Low Predicted	Your sensor glucose value is predicted to reach your programmed low limit.
Time Before Low	Low Predicted	You can be notified from 10 minutes up to 1 hour before your sensor glucose value is predicted to reach your programmed low limit.
Alert on Low	Low Sensor Glucose	Your sensor glucose value has reached or fallen below your low limit.
Fall Alert	Fall Alert	Your sensor glucose has been falling rapidly. Indicated by ↓, ↓↓, or ↓↓↓.
Snooze Time	N/A	You can be reminded when any of the low alert situations still exist after 5 minutes up to 1 hour has passed. Applies to all low settings.

Guardian Connect - Continuous Glucose Monitoring Settings Form

Record your CGM settings here for future reference.

HIGH SETTING	LOW SETTING
High Limit _____mmol/L	Low Limit _____mmol/L
Alert Before High _____ON _____OFF	Alert Before Low _____ON _____OFF
Time Before High _____Minutes _____Hour	Time Before Low _____Minutes _____Hour
Alert on High _____ON _____OFF	Alert on Low _____ON _____OFF
Rise Alert _____↑ _____↑↑ _____↑↑↑	Fall Alert _____↓ _____↓↓ _____↓↓↓
Snooze Time _____Minutes _____Hour	Snooze Time _____Minutes _____Hour



SECTION 7: CALIBRATION

Calibration is necessary to receive sensor glucose readings and for optimal CGM performance. To calibrate, you must use a fingerstick blood sample to test your BG on your meter and then enter that value into your Guardian Connect app. CGM does not eliminate the need for BG meter tests.

If the system is not calibrated regularly, then you will not receive sensor glucose readings until there is a calibration.

After inserting a new sensor, a calibration is needed:

- Approximately 2 hours after you connect the transmitter to your sensor and start the **Warm up** period. You will receive a **Calibrate now** alert when it is ready for its first calibration.
- Again within 6 hours (on the first day of inserting sensor only)
- Again every 12 hours

Calibration Checklist:

- ☑ Wash hands before checking your BG
- ☑ Calibrate 3 to 4 times a day for best results or when you receive a **Calibrate now**
- ☑ Enter the BG into the app right away if it is a good time to calibrate
- ☑ Don't use an old BG reading
- ☑ Don't reuse BG readings from previous calibrations
- ☑ Wait at least 15 minutes in between calibration attempts

Calibration Schedule

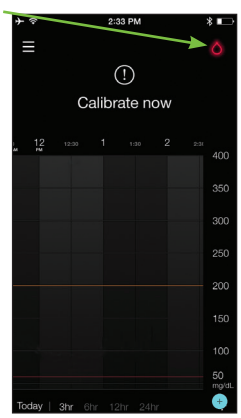
Day 1

Enlite sensor inserted: _____ **AM/PM**
I will calibrate:
2 hours after sensor inserted: _____ **AM/PM**
Within the next 6 hours: _____ **AM/PM**
At bedtime: _____ **AM/PM**

Day 2 to Day 6

I will calibrate:
When I wake up: _____ **AM/PM**
Again within 12 hours: _____ **AM/PM**
Again during the day: _____ **AM/PM**
At bedtime: _____ **AM/PM**

Tap the blood drop on the app to calibrate.



Calibrating the Sensor

Calibration timer

On the Home screen the calibration icon tells you the amount of time left until your next calibration is due:

12 hours remaining before the next calibration is due

3 hours are remaining

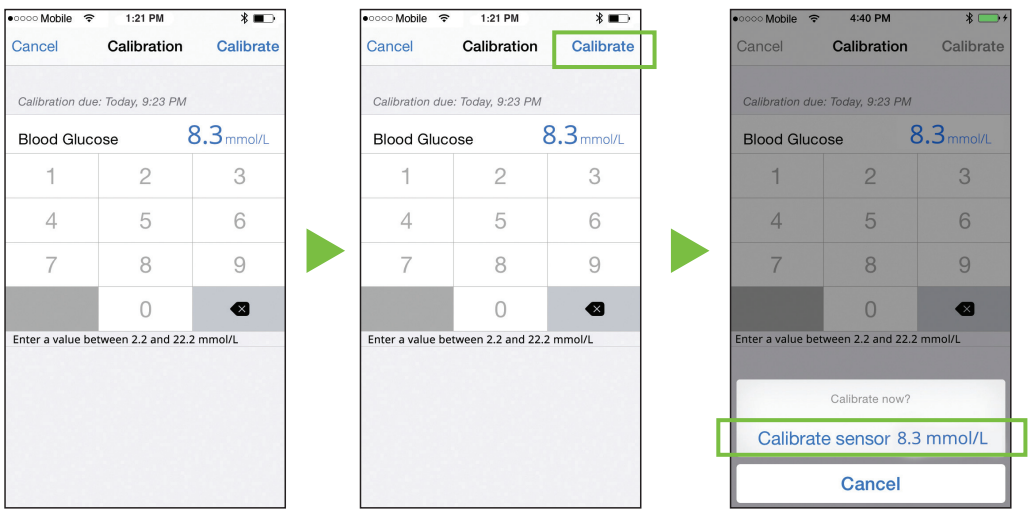
1 hour is remaining

Calibration is due now. Calibrate using your blood glucose meter

Calibration is not permitted yet

To calibrate:

1. Test your blood glucose on your meter.
2. Tap the **blood drop** on the top right corner of the Home Screen.



3. Enter your blood glucose reading (2.2 mmol/L to 22.2 mmol/L) using the keypad.

4. Tap **Calibrate** at the top right corner of the screen.

5. Tap **Calibrate sensor -- mmol/L.**

The application returns to the home screen. A appears on the graph at the time it was entered. Your sensor glucose reading will appear in about 5 minutes after the calibration is entered.

IMPORTANT If you notice a large difference between your BG meter reading and sensor glucose readings, wash your hands and do another BG fingerstick test to make sure it is an accurate reading. Check the sensor site to ensure that the sensor overtape is still holding the sensor in place. If there is still a large difference in glucose readings, another calibration may be needed to bring the readings closer together again.

Calibration Reminder

You can use the Calibration Reminder to give you notice before the next calibration is necessary. The Calibration Reminder can be set from 5 minutes to 1 hour from the Alert Settings menu option.

Using a Calibration Reminder

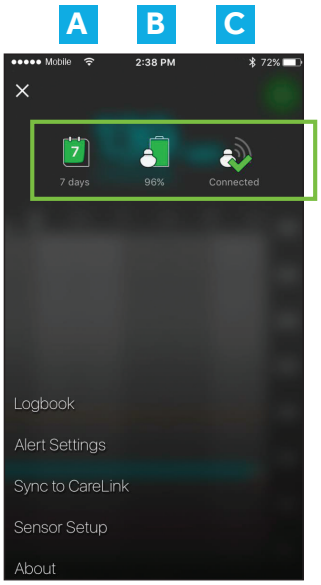
Lina calibrates at 7 AM when she wakes up. Her next calibration would be due 12 hours later at 7 PM. Her calibration reminder is set to 1 hour so she would be reminded at 6 PM that a calibration will be needed.

KNOWLEDGE CHECK

What might happen if a calibration is required and it's not entered into your app?

A SG readings will not display
B I will continue to get the SG data on my app
C I may not get important alerts such as Low Sensor Glucose
D Both A and C

SECTION 8: READING THE SENSOR DISPLAY



Viewing the Main Menu

Press ☰ on the top left corner of the Home Screen.
You will now see these 3 icons in the system status bar.

A Sensor Life Icon

After you insert a new sensor you will see how many days of sensor use are left. The sensor icon will change with each day that passes.

B Transmitter Battery Icon

When the transmitter is fully charged, the battery icon will appear as solid green. The icon will change as the battery life is used.

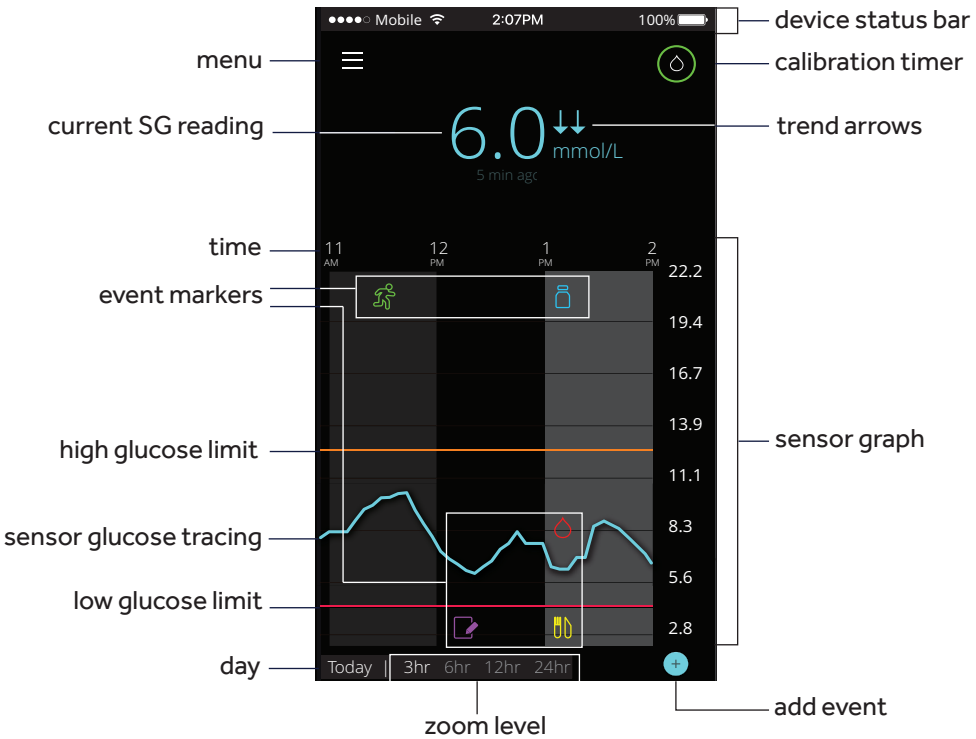
C Transmitter Communication Icon

The transmitter is paired and communicating with the application.

A communication error, the transmitter is not paired, or Bluetooth is off on your mobile device.

Note: When the Transmitter Battery is depleted, Transmitter is not paired, or the sensor has one day or less before it expires, then these icons will appear in both the Main Menu and at the top of the Home Screen.

Once the sensor has started giving you sensor glucose readings, the Home screen will display:



Current Sensor Glucose Value

The most current sensor reading is updated every 5 minutes. The sensor reads glucose values from 2.2 mmol/L to 22.2 mmol/L.

Viewing the Sensor Graph

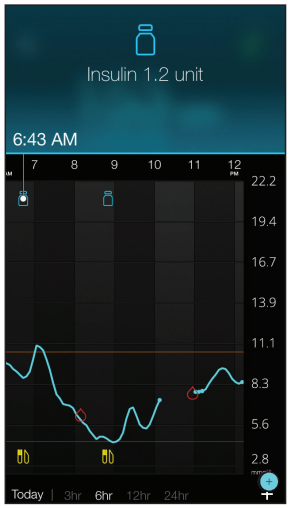
Swipe center of graph, right and left: to view past sensor information

Double tap screen: to return to current glucose.

Slide your finger on SG tracing: to view more details, SG reading, time, date.

Touch anywhere on graph: to view more details, event information.

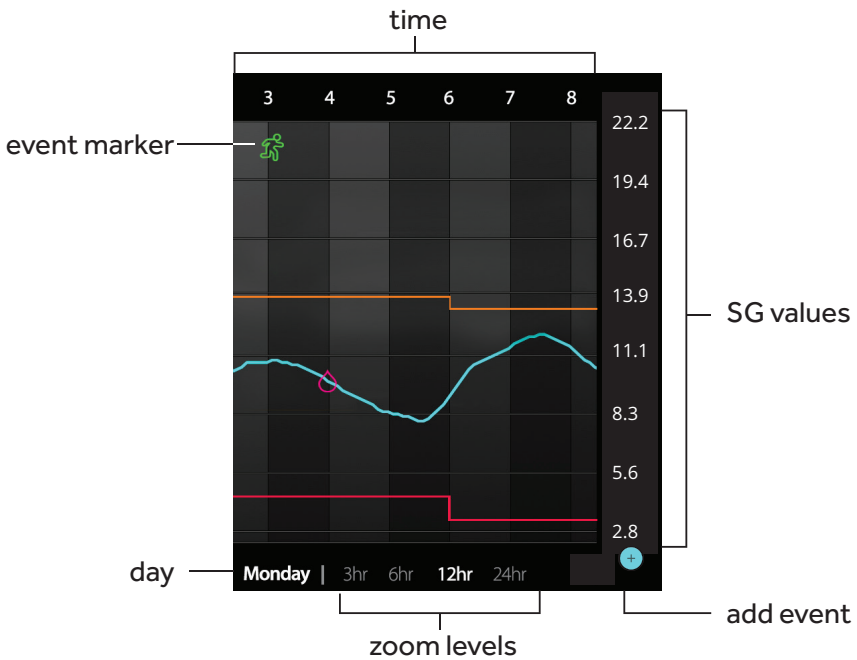
Example of an "info box" for Insulin



Additional Sensor Graphs

To view 3-hour, 6-hour, 12-hour, and 24-hour glucose graphs:

- tap graph twice or
- select graph hours at bottom of Home screen.



Entering Event Markers

Capture other information right on your app:

Blood Glucose: BG meter readings. These can be used both to calibrate the sensor and simply to manage your diabetes without calibrating the system.

Insulin: The type and amount of insulin you use.

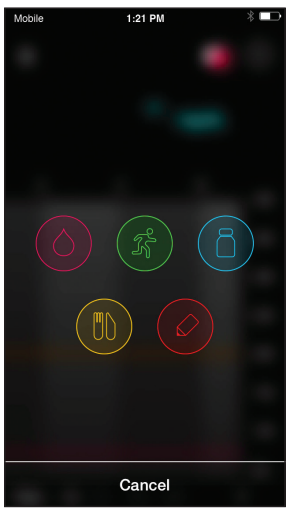
Meal: The amount of carbohydrates you eat or drink.

Exercise: The intensity and duration of exercise you do.

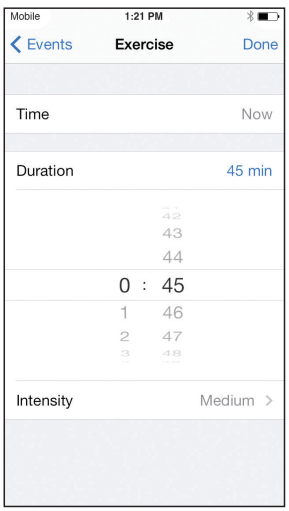
Other: This event can be used to enter any other information relevant to your diabetes management. For example, you can record when you take medications, when you feel ill, or when you are under stress.

To enter an event marker

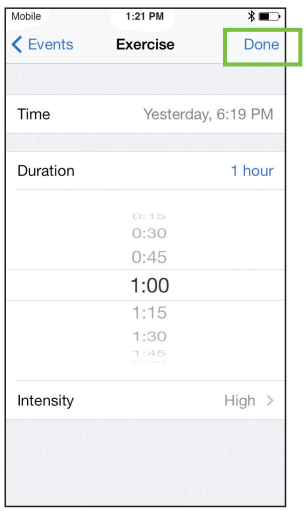
1. Tap on the bottom right corner of the home screen.



2. Tap the desired event icon.



3. Enter the information for the selected event.

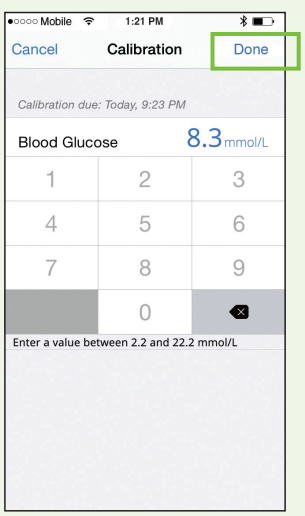


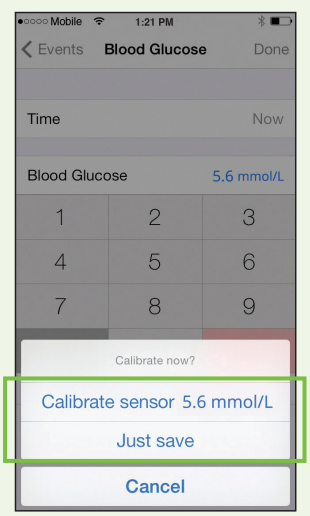
4. Tap **Done** at the top of the screen when finished.

The application returns to the home screen and the event icon appears on the graph at the selected time.

Note: A BG reading entered as an event can be used to calibrate the sensor.

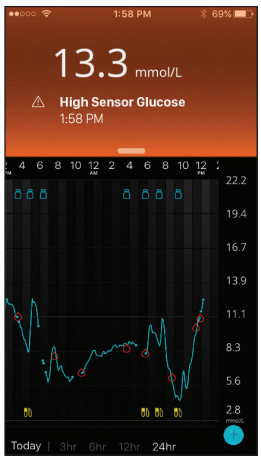
1. Enter BG reading
2. **Select Done**
3. **When Calibrate now?** appears, select Calibrate Sensor -- mmol/L if you are sure you want to calibrate.

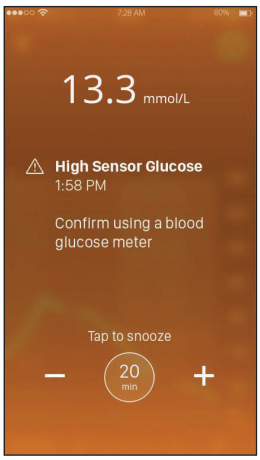




SECTION 9: SENSOR ALERTS

Receiving alerts is a part of wearing CGM. We discussed some of these alerts earlier in Section 3: Personalized Alerts. There are other alerts that you will receive as well.





When a sensor alert occurs:

- **High alerts** will appear as **orange**,
- **Low alerts** will be **red**,
- and all **other alerts** (such as Calibrate now) will be **blue**.

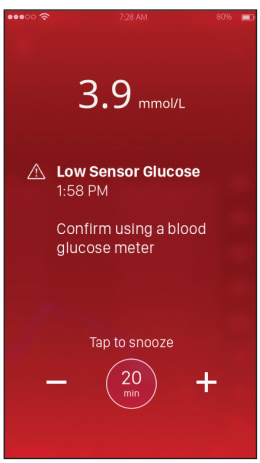
Follow the instructions on the screen to address the alert.

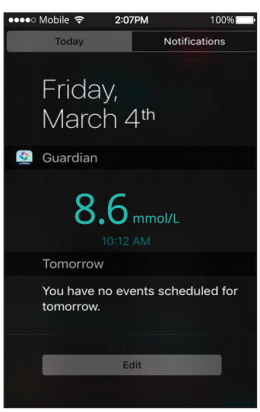
Clear alert: Drag bottom of alert screen upwards.

Snooze alert: Drag bottom of alert screen downwards. Then tap or adjust the snooze time.

Sensor Alerts

Example of the **Low Sensor Glucose** alert message:





Note: If your mobile device has returned to the locked screen, alerts will also appear on this screen. **Do not turn off notifications or enable the Do Not Disturb setting on your mobile device. Doing so may result in missing important alerts requiring your immediate attention.**

IMPORTANT: Do not exit the Guardian Connect app while using CGM. Doing so will prevent sensor glucose readings and sensor alerts from being delivered. If the app is running in the background you will still receive sensor information and may receive alerts.

See Quick Reference Guides section on page 37-38 of this guide for other alerts.

KEY REMINDERS:

I will:

- ☐ check my BG with my meter to confirm my SG before making treatment decisions.
- ☐ calibrate my sensor at least twice a day but 3 to 4 times a day for best results
- ☐ avoid closing the Guardian Connect app in order to continue receiving sensor glucose alerts.
- ☐ select New Sensor, not Reconnect Sensor, each time I insert a new sensor.
- ☐ charge my transmitter after six days of wear.

SECTION 10: CARELINK® PERSONAL SOFTWARE

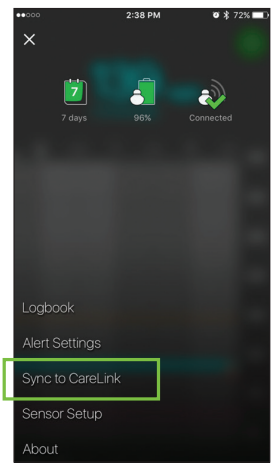
Creating a Care Partner Account and Sharing Your Information

Guardian Connect allows you to sync your data to CareLink Personal software automatically. This automated sync sends data displayed in your Guardian Connect app to the CareLink Connect tab of the CareLink Personal website approximately every five minutes. This feature also automatically sends pump and sensor history information to create your CareLink Personal report every 24 hours.

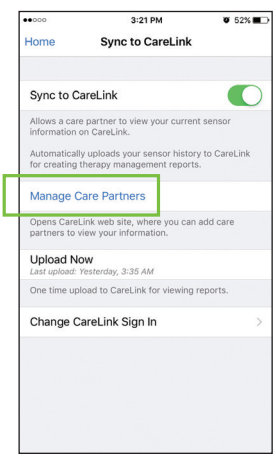
Reminder: Have your healthcare professional (HCP) view your information at the office or bring a report with you to your next visit.

You can invite a family member, friend, or other care partner to view your CGM information on the CareLink Personal website by selecting **Manage Care Partners**.

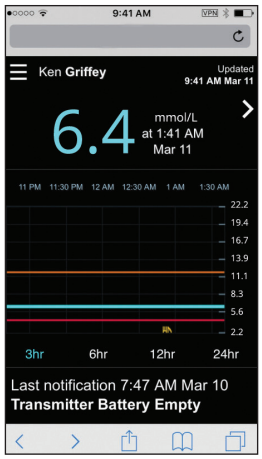
1) Press ☰ on the top left corner of the Home Screen. Tap on the link **Sync to CareLink**



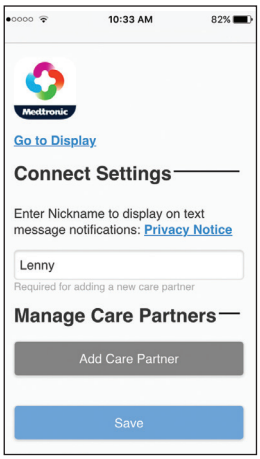
2) Be sure Sync to Carelink is toggled ON. Tap on **Manage Care Partners.**



2a) If you are brought to the CareLink Connect screen, tap the ☰ on the top left corner of the screen and tap **Connect Settings.**

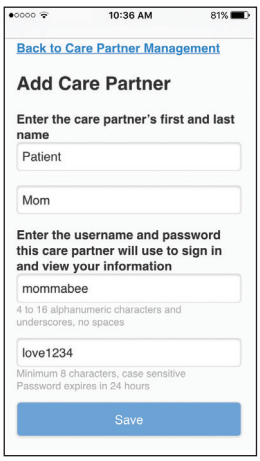


3) Set a nickname for yourself so when text message notifications are sent, this is the name that will appear in the message. Then tap Save.

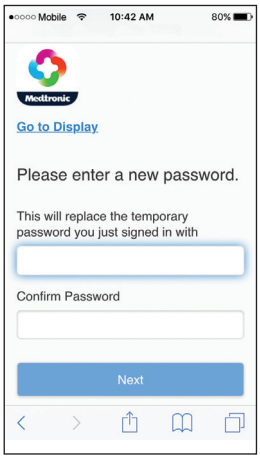


4) Tap on **Add Care Partner.** In the next screen fill the mandatory fields for your care partner (First and Last name). You can add up to 5 Care Partners to your CareLink Personal account.

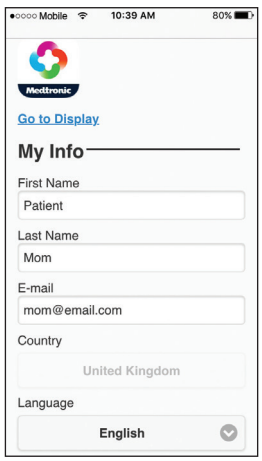
Create a unique username for your care partner and temporary password, then tap Save. This temporary password is valid for 24 hours. Give this username and password to your care partner.

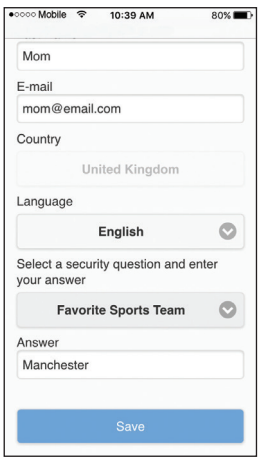


Set Up and Access to the Care Partner Account

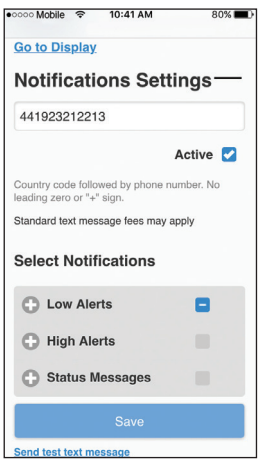


1) After the Care Partner account has been created and a temporary password has been given, the care partner will need to go onto the CareLink Personal website **www.carelink.minimed.eu** on the web browser of their mobile device or computer and log in with their new credentials. The care partner will need to check all boxes in Terms of Use and tap **Accept.** From their account they will be able to change their password and tap Next.





2) The care partner will fill out their remaining information on the My Info screen. Then tap Save.



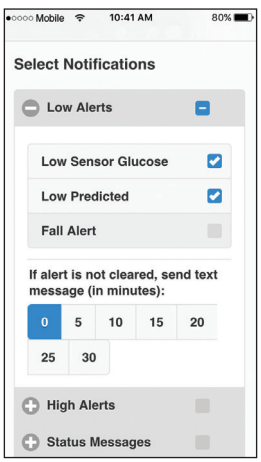
3) The care partner must enter their mobile number and have the **Active** box checked in order to receive text message alert notifications. Tap Save when complete.

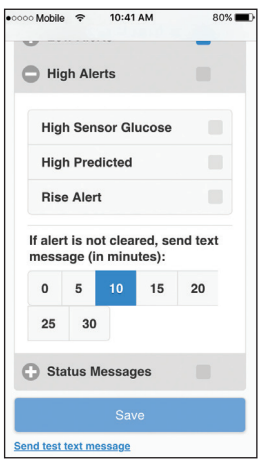
Notifications Settings Screen

Selecting Low Alerts and High Alerts

Your care partner can select and choose what alerts and alarms from Guardian Connect they want to receive. If the alert has not been cleared in the Guardian Connect app, a text message will be sent to the care partner based on the 0-30 minute delay set in Select Notifications. If your care partner does not want a delay in alerts, select 0. Once all desired notifications have been made, tap Save.

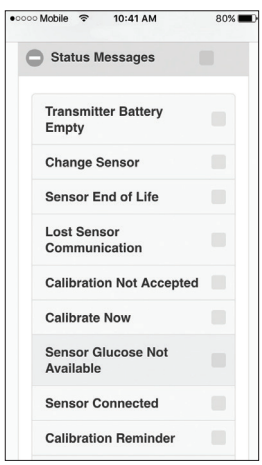
Note: The care partner may only receive alerts and alarms that have been set by the patient in the Guardian Connect app regardless of the Notification selected. For example, if the patient does not set High Alerts in the Guardian Connect app, the care partner will not receive High Alert messages even if they select it in Select Notifications on the CareLink Personal website.

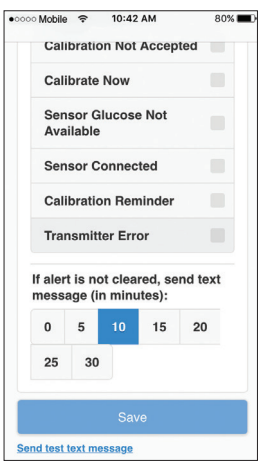




Status Messages

The care partner can also select to receive text messaging on sensor alarms from the Guardian Connect app. If the alarm has not been cleared in the Guardian Connect app, a text message will be sent to the care partner based on the 0-30 minute delay set in Select Notifications. If your care partner does not want a delay in alerts, select 0. Once all desired notifications have been selected, tap Save.

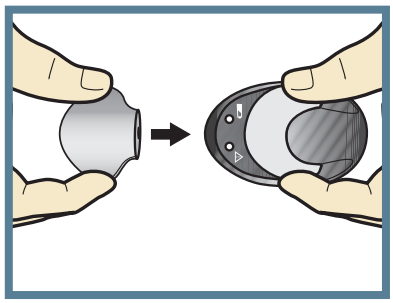




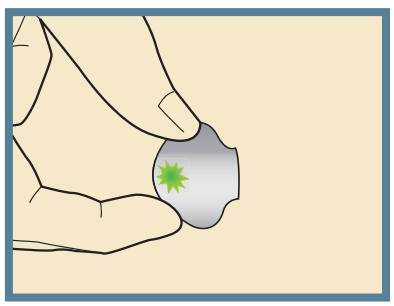
SECTION 11: APPENDIX

Charging and Storing the Transmitter

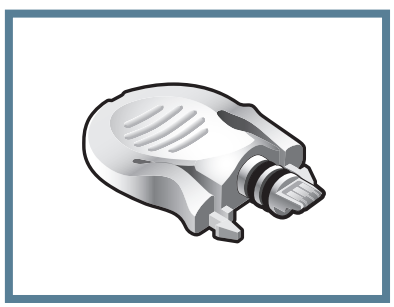
Charge the transmitter before each use. When the transmitter is charging, a green light will flash on the charger. This green light will turn off when the transmitter is completely charged. You will need to charge the transmitter after each sensor use. A fully charged transmitter can be used for a maximum of six days without recharging. It can take up to 2 hours to fully recharge.



When you remove the transmitter from the charger, a green light should flash on the transmitter. This indicates that it has enough battery power to be connected to the sensor. If you do not see the green flashing light on the transmitter place it back on the charger until it is fully charged.



Store the transmitter, charger, and tester in a clean, dry location at room temperature. Do not store the transmitter on the charger for more than 60 days. Otherwise, the transmitter battery will be permanently damaged. If the transmitter is not in use, you must charge the transmitter at least once every 60 days.



Tester

If you connect transmitter to charger and you see no lights on the charger: replace the battery in the charger.

While charging your transmitter you see a flashing red light on the charger: replace the battery in the charger.

While charging your transmitter you see a mix of short and long flashing red lights on the charger: replace the battery in the charger and fully charge the transmitter.

Refer to your transmitter and charger User Guides for more information.

X-rays, MRI, or CT Scan

If you are going to have an X-ray, MRI, CT scan, or other type of diagnostic imaging involving radiation exposure or strong magnetic field, remove your mobile device (where your Guardian Connect app is installed), transmitter, and glucose sensor and place them outside of the testing area.

Going through Airport Security

The full body scanner may be a form of x-ray. If you choose to go through the full body scanner, you will need to remove your sensor and transmitter prior to the scan. To avoid removing your devices, you should request an alternative screening process that does not use x-ray. Your CGM system can withstand exposure to metal detectors and wands used at airport security checkpoints.

Traveling by Air

If you wear a CGM device, it is safe for use on commercial airlines. If airline personnel request that you turn off your CGM device, you must comply.

Note: It is important that you test your blood glucose (BG) more frequently while you are traveling. The routine hassle of travel, including stress, changes in time zones, schedules and activity levels, meal times and types of food, can all affect your diabetes control. Be extra attentive to monitoring your BG frequently, and be prepared to respond if needed.

Answer Key:

Page 6: 1) A 2) BG, SG, SG
Page 8: 1) A 2) D
Page 17: 1) A 2) B
Page 23: 1) D

What Sensor Alerts Mean

Follow up with your healthcare professional regularly to evaluate your settings for possible changes. Follow the instructions on the screen to address the alert.

To **clear the alert**, drag the bottom of the alert screen up.

To **snooze the alert**, drag the bottom of the alert screen down. Then tap the snooze time. You can change the snooze time using the **-** and **+.**

Alert setting	Alert shown on screen	Reason	Steps to take
Alert on High	**High Sensor Glucose**	Sensor glucose value is equal to or higher than the high limit that you have set.	Check your blood glucose using a fingerstick blood sample and blood glucose meter. Do not use the sensor glucose values to make treatment decisions. Treat based on instructions from your healthcare professional.
Alert on Low	**Low Sensor Glucose**	Sensor glucose value is equal to or lower than the low limit that you have set.	
Alert Before High **Time Before High**	**High Predicted**	Sensor glucose is expected to reach the high glucose limit in the length of time you have set for the Time Before High.	
Alert Before Low **Time Before Low**	**Low Predicted**	Sensor glucose is expected to reach the low glucose limit in the amount of time you have set for the Time Before Low.	
Rise Alert	**Rise Alert**	Sensor glucose has been increasing at a rate is equal to or faster than the Rise Rate that you have set ↑, ↑↑, ↑↑↑.	
Fall Alert	**Fall Alert**	Sensor glucose has been falling at a rate that is equal to or faster than the Fall rate you have set ↓, ↓↓, ↓↓↓.	

These sensor alerts come pre-programmed in the Guardian Connect application with the exception of the last alert, "Calibrate by" (alert setting is called "Calibration Reminder"). These alerts cannot be modified and are required by the app.

Alert	Reason	Steps to take
Calibrate now	A calibration is needed in order to receive sensor glucose readings.	Wash hands and check blood glucose using a fingerstick sample and blood glucose meter. Enter blood glucose value into the Guardian Connect app.
Lost communication	Communication between Guardian Connect and transmitter has been lost for 30 minutes during or after warm-up.	Check that the sensor is still inserted in the skin and the transmitter and sensor are still connected. Move your Guardian Connect closer to your transmitter.
Calibration not accepted	The BG meter value could not be used to calibrate; it was too different from the SG value.	Wait 15 minutes. Wash your hands and check your blood glucose again. Enter this blood glucose value into app.
Sensor end of life	Sensor has reached it's maximum usage of 6 full days.	Remove the sensor. Recharge the transmitter. Follow the instructions for inserting and starting a new sensor.
Change sensor	You may have received a second Calibration not accepted alert or the sensor is not working properly.	Remove the sensor and follow the instructions for inserting and starting a new sensor.
Sensor glucose not available	Sensor information is not available due to several possible causes. Some causes include the sensor pulling out of the skin or the sensor not working properly.	Do not calibrate unless notified. The system is attempting to correct the problem. This could take up to 3 hours. No action is needed at this time.
Calibrate by	You programmed the Calibration Reminder setting to alert you when a calibration will be due.	Calibrate by the time shown in the alert message.

For a complete list of Alerts and Alarms, refer to the Guardian Connect System User Guide.

Part 1. Removing Sensor in Six Days

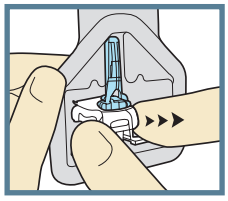
1. Peel off tape.
2. Disconnect transmitter by pinching side arms of sensor. Then pull transmitter away from sensor.
3. Place transmitter on charger.
4. Peel off and discard sensor.

Part 2. Inserting a New Sensor

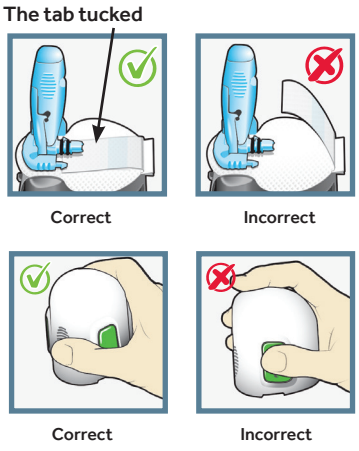
Wash your hands and clean insertion site with alcohol.

1. **Open sensor package.**

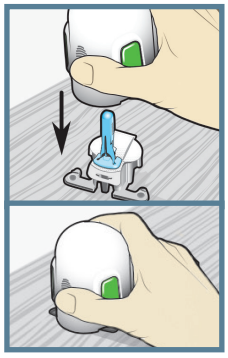
2a. Hold sensor by plastic pedestal. Remove sensor with attached pedestal by holding pedestal only. Place sensor and pedestal on a clean, flat surface (a table).



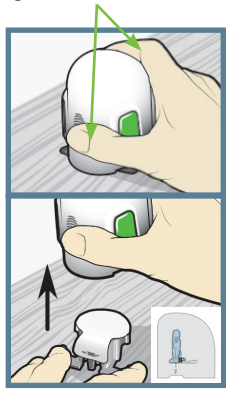
2b.Tuck adhesive tab. Make sure that sensor's adhesive tab is tucked under sensor connector and snaps.



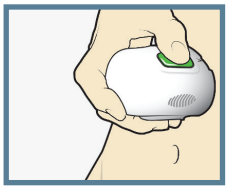
3. **Load sensor into serter.** Grip serter exactly as shown **with thumb placed on thumbprint on serter. Do not hold side buttons.** Push serter down on to pedestal until base of serter sits flat on table.



4. **Detach serter from pedestal.** To detach serter from pedestal, grip serter as shown, with thumb on thumbprint on serter. With other hand, place two fingers on pedestal feet and slowly pull serter straight up. **NOTE:** Make sure that pedestal is firmly on table before pulling serter away. **Warning: Do not detach pedestal from serter in mid-air as this may damage sensor.**



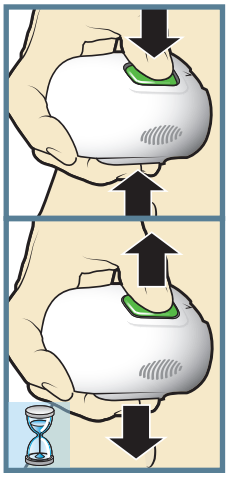
5a. Place serter on body. Hold serter steadily against your cleaned insertion site, without pushing serter too deeply into skin. **Note:** Failing to hold serter securely flat against body may allow serter to spring back after pressing buttons and result in improper insertion of sensor.



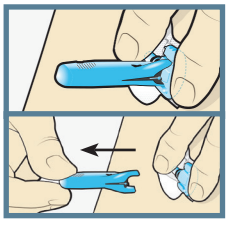
5b. Insert sensor. Press and release the **bump** on both buttons at same time.

5c. Hold serter against body. Continue holding serter against your body to allow adhesive time to stick to skin.

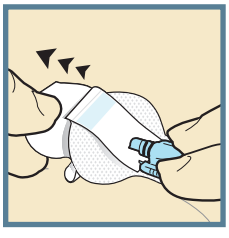
5d. Remove serter from body. Slowly pull serter away from skin, **making sure buttons are not pressed.**



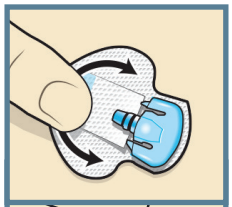
6. Remove needle housing. Gently hold sensor base against skin at sensor connector and opposite end of sensor base. With the other hand, hold needle housing **at the top** and slowly pull straight out, away from sensor. Dispose needle housing in sharps container.



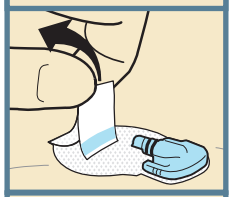
7a. Remove adhesive pad liner. Hold sensor in place and gently remove liner from under adhesive pad. Do not remove liner on rectangular adhesive tab yet.



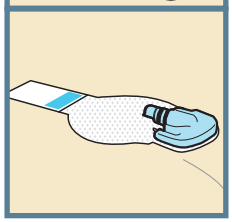
Part 2. Inserting a New Sensor, cont'd



7b. Press entire adhesive pad to skin. Firmly press adhesive pad against skin and smooth entire adhesive pad so it sticks to skin.



8a. Untuck adhesive tab. Untuck adhesive tab from under sensor connector.

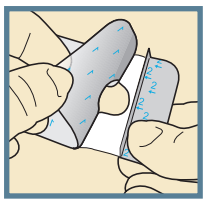


8b. Straighten adhesive tab. Straighten adhesive tab so it lies flat against your skin, but do not remove adhesive liner yet.

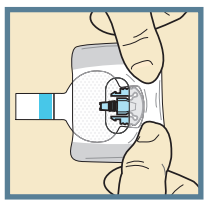
Part 3. Taping Sensor

Before you connect the transmitter to your Enlite sensor it is very important that you properly secure the sensor against your skin using the sensor overtape.

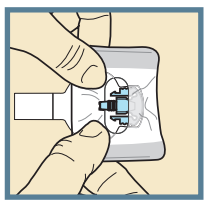
1. **Remove adhesive liner 1.** Remove liner 1 from overtape. Do not remove two smaller liners marked 2 from the sides of overtape.



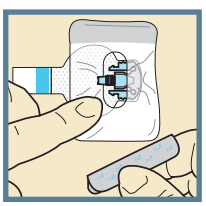
2. **Apply overtape on sensor and skin. Important: Attach overtape to both rounded part of sensor and skin next to sensor.**



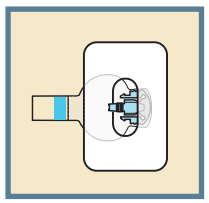
3. **Apply remainder of overtape on adhesive pad.** Stretch remaining part of overtape around sensor connector so that tape sticks to curved adhesive pad and does not block sensor connector. **Continue to press overtape to your skin to help ensure that it sticks securely.**



4. **Remove liners marked 2.** Remove two paper tabs from sides of overtape and press adhesive against skin.



5. This image is an example of overtape applied correctly.

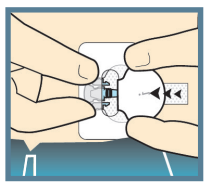


IMPORTANT: All sensor tapes and adhesives stick best when you continue to apply pressure after putting them on your skin. Doing so helps the Enlite sensor stay securely placed and fully inserted.

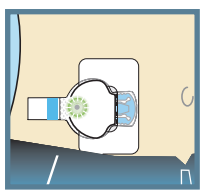
Part 4. Connecting the Transmitter

After glucose sensor is inserted and taped securely, connect transmitter to glucose sensor immediately.

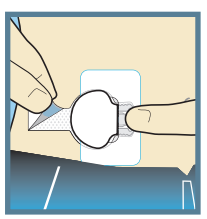
1. **Connect transmitter to sensor.** With one hand, hold sensor in place. With other hand, connect transmitter to sensor.



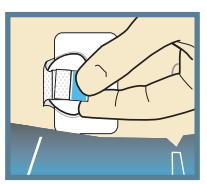
2. **Check for green light.** You will hear a faint "click" indicating that the two parts are connected. Check for a green light to flash on the transmitter.



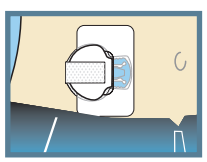
3. **Remove liner on tab.** Remove the paper on the adhesive tab.



4. **Apply tab.** Fold the adhesive tab over and onto the transmitter. **Important: Be careful not to pull the adhesive tab too tightly or it may cause the transmitter to bend or pull from the sensor connection.**



5. **Press tab.** Press the adhesive onto the transmitter.



IMPORTANT If you do not see a green light flashing on transmitter after it is connected to sensor, then disconnect transmitter and place it back on charger to ensure that it is fully charged. Then reconnect transmitter to sensor.

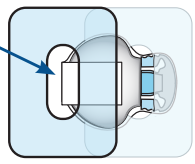
Part 5. Applying Optional Second Overtape

After connecting your transmitter to your sensor, apply a second piece of overtape, if needed, use Option 1 or 2.

If you have skin irritation due to moisture buildup, follow Option 1. If transmitter catches on your clothes, follow Option 2.

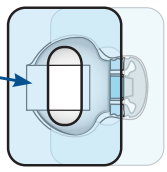
Option 1

End of transmitter is exposed



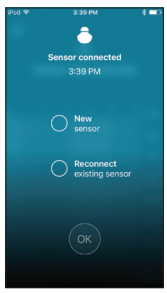
Option 2

Tape is over end of transmitter



Part 6. Starting the Sensor

1. When Sensor connected screen appears automatically, tap **New Sensor.** Then tap **OK.**

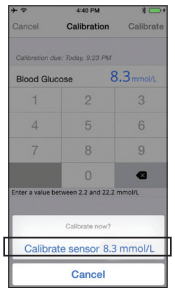


Part 7. Calibrating

1. Check your blood glucose using a blood sample from your finger.
2. Tap on top right corner of Home Screen.

3. Enter your blood glucose reading (2.2 mmol/L to 22.2 mmol/L) using keypad.

4. Tap **Calibrate** at top right corner of screen.
5. Tap, **Calibrate sensor -- mmol/L.**



Notes

Notes

Notes

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