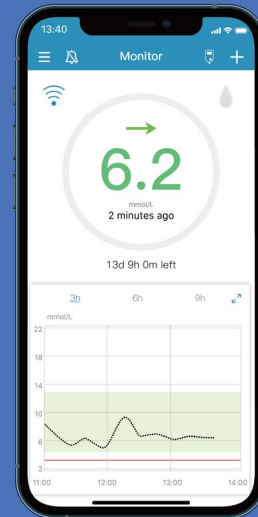


Medtrum CGM System

Quick Start Guide (mmol/L)



www.medtrum.com

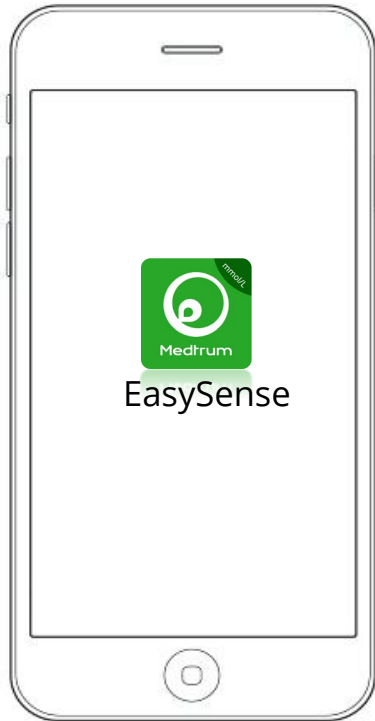
Simplifying Diabetes

Medtrum

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EasySense App Overview



The mobile CGM System consists of:

- **Smart device with Medtrum EasySense mobile App installed**
- **Continuous Glucose Monitoring System**

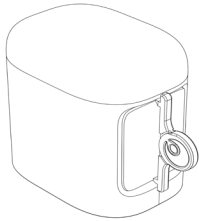
The Medtrum EasySense mobile App monitors and controls your Continuous Glucose Monitoring System via Bluetooth. It provides you with Sensor data of the last 90 days.

Bluetooth communication is essential for the EasySense App to control/monitor the Continuous Glucose Monitoring System. The App can detect and notify you about a disconnection.

When the communication is lost, the Transmitter can continue to record sensor glucose readings.

The App can be used normally when your smart device is charged and turned-on. If the phone is turned off, as soon as restart your smart device and the App, the App will automatically connect with the Glucose Monitoring System.

EasySense App Overview



Glucose Sensor

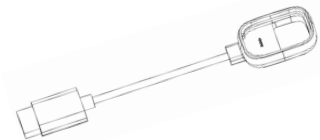


Transmitter

- The Glucose Sensor (for 14 days) is inserted under the skin to measure your glucose level in interstitial fluid.
- The Transmitter records Sensor data and sends data to your smart device via Bluetooth Low Energy
- The Sensor (with Transmitter snapped in) is waterproof at 2.5 meters (8 feet) for 60 minutes (IP28).
- Store the Sensor at temperatures between 2°C (36°F) and 30°C (86°F).
- Store the Transmitter at temperatures between -10°C (14°F) and 55°C (131°F).

Charge Transmitter

- You can use a Transmitter charging cable to charge the Transmitter.
- It is recommended to charge the Transmitter after each sensor use.
- Do NOT store the Transmitter connected with a Sensor or a USB charging cable. That may kill the transmitter battery.
- The indicator light will flash green when the Transmitter is charging, and turn off when the Transmitter is fully charged.



USB Charging Cable

Smart Device Requirements

- IOS device: IOS 12.0 system or later
- Android device: Android 8.0 system or later

Set the following for your EasySense App:

- Bluetooth: Available and turn on
- Silent and Do Not Disturb: Turn off
- Volume: Loud enough for you to hear alerts and reminders.
- Internet: Make sure your smart device settings allow EasySense App to use WLAN and mobile data.
- Camera: Grant EasySense access to camera.
- Notifications: Turn on notifications for the EasySense App.
- Time: Do not change your smart device's time because it can make the time on the monitor screen wrong.
- Battery saver mode: Do not activate low battery usage mode. Otherwise, the app will stop uploading data in the background.
- EasySense App is open and running in the background.
- Restart the EasySense App after your smart device is restarted.

Recommended Smart Device Settings

See your smart device instructions to learn how to change its settings.

If you installed the App on an IOS device:

- Make sure the background refresh for EasySense App is turned on.

If you installed the App on an Android device:

- For Android system 8.0 to 11.0, make sure you allow the App to access device's location so that the App can use the Bluetooth feature.
- For Android 12.0 system or later, make sure you turn on Nearby Devices so that the App can use the Bluetooth feature to connect other device.
- Make sure the EasySense App is locked in the background.
- Open auto run in the Smart Manager (Samsung).

Install and Login

1. Download and install EasySense App

Search "Medtrum" in App Store or Google Play

🔍 Medtrum Easysense ✕ Cancel



2. Open the Medtrum EasySense App

3. Log in a Medtrum account

If you already have a Medtrum account, ensure that the correct country/region is selected for your account. To do this, tap the **country/region** name in the top-right corner of the screen and select the appropriate option from the list.

Next, enter your **email address** and **password** to log in. If you've forgotten your password, tap **Forgot password?** to reset the password.

The login screen has a blue header with 'Log in' and 'United Kingdom'. It contains two input fields: 'Mobile number/Email' and 'Password'. Below these is a blue 'Log in' button. At the bottom, there are two links: 'Register' and 'Forgot password?'.

Register a Medtrum account

1. Agree to Privacy Policy and Terms of Use

If you do not have a Medtrum account, first tap on the country/region name in the top right corner to ensure you have selected the correct country/region for your account.

Back on the login page, tap Register.

Read and agree to the Privacy Policy and Terms of Use by ticking the small boxes and tap Next to start registration.

The left screenshot shows the 'Register' screen with a privacy policy and terms of use section. It includes a 'Next' button at the bottom. The right screenshot shows the 'Register' screen with fields for country, language, email address, verification code, full name, and password, and a 'Submit' button at the bottom.

2. Enter Email Address and Verification Code

Enter your email address as your account name. Tap **Get Code** and you will receive a 6-digit verification code in the email address. Check your email and enter the 6-digit verification code on the registration page.

3. Fill out Your Full Name and Set Password

Fill out your full name so that your healthcare providers can identify you easily.

Set the password for your account.

✓ The password must contain characters from three of the following four categories:

- English uppercase characters (A through Z)
- English lowercase characters (a through z)
- Base 10 digits (0 through 9)
- Non-alphabetic characters, including ~!@#\$%^&*()_+=`{|[]\';<>.,

✓ The password must be between 6 and 20 characters long.

✓ The password must be different from your username (your email address).

✓ The password cannot contain 3 consecutive numbers (eg: 123, 321).

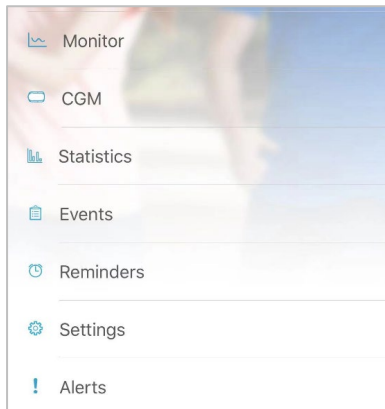
✓ The password cannot contain 3 consecutive letters (eg: abc, cba).

✓ The password cannot contain spaces.

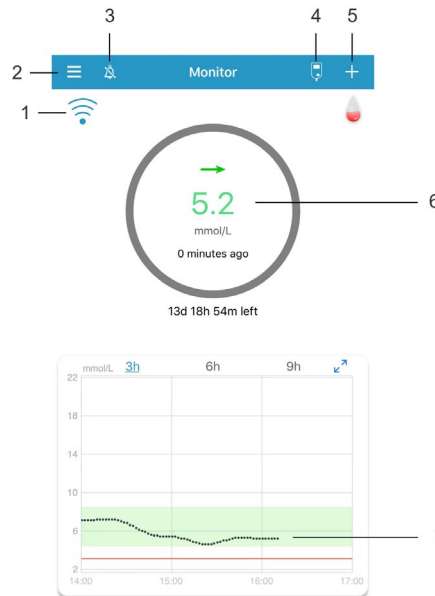
Tap Submit to complete account registration.

Monitor Screen and Main Menu

Main Menu



Monitor Screen



1. CGM Signal
2. Main Menu
3. Audio
4. Calibration
5. Add Event
6. Sensor Status
7. Sensor Trend Graph

1. Set audio options

Main Menu → Settings → General Settings → Audio Options

We recommend that you turn **Audio** and **Vibrate** on. If you turn them both off, you might miss an alert.

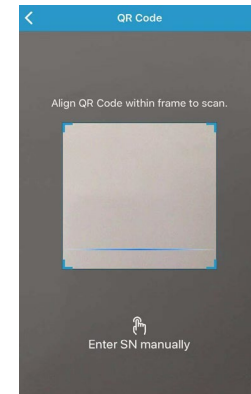
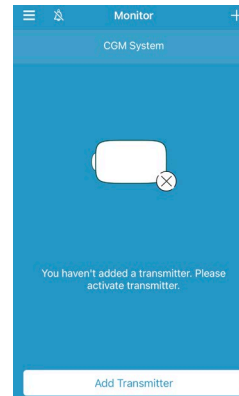
2. Find Transmitter SN

You can find the Transmitter SN on the product box or on the back of the Transmitter.



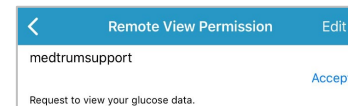
3. Add Transmitter SN

Tap **Add Transmitter** and add Transmitter SN by entering SN manually or scanning QR code.



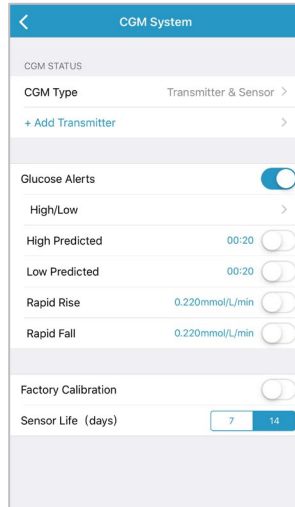
4. Agree remote view permission

Main menu → Settings → Account Security → Remote View permission



Glucose Alerts Settings

Main Menu → CGM System → Glucose Alerts



CGM System

CGM STATUS

CGM Type Transmitter & Sensor >

+ Add Transmitter >

Glucose Alerts ☒

High/Low >

High Predicted 00:20 ☐

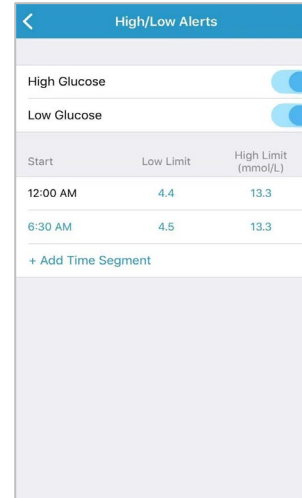
Low Predicted 00:20 ☐

Rapid Rise 0.220mmol/L/min ☐

Rapid Fall 0.220mmol/L/min ☐

Factory Calibration ☐

Sensor Life (days) 7 14



High/Low Alerts

High Glucose ☒

Low Glucose ☒

Start	Low Limit	High Limit (mmol/L)
12:00 AM	4.4	13.3
6:30 AM	4.5	13.3

+ Add Time Segment

Predictive Alerts

You will be reminded of a predicted high or low glucose value some time (the predictive alert time) in advance.

Rate Alerts

You will be reminded of a glucose rise or fall faster than the set rate limits.

High/Low Alerts

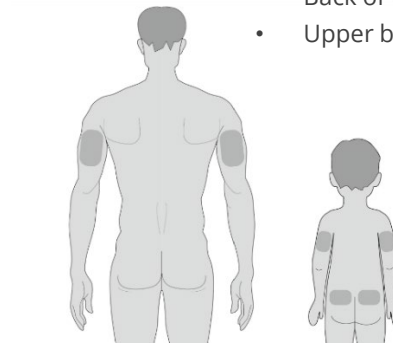
- You will be reminded when your glucose is above the set High Limit or below the set Low Limit
- Up to 8 segments for each day

1 Select an insertion site

- Ensure the area is clean, with no sweat, moles, scars, irritation, or tattoos. If the area has excessive hair, consider trimming it.
- For insertion on the back of the upper arm, apply the sensor vertically.
- For insertion on the upper buttocks (children only), apply the sensor horizontally.

Recommended insertion sites:

- Back of the upper arm
- Upper buttocks (children only)

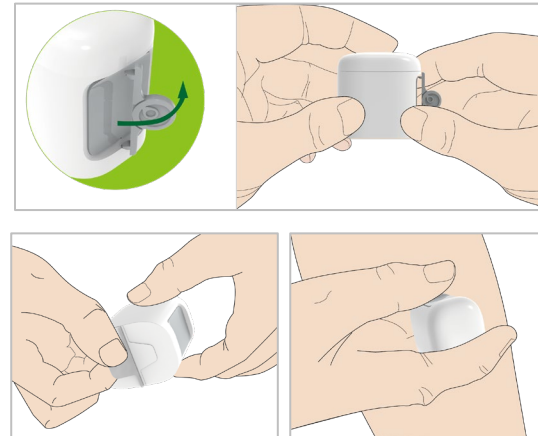


2 Prepare the insertion site

- Wipe the selected insertion area with rubbing alcohol and wait for the area to dry up.
- The Sensor adhesive stays more firmly on dry skin.

3 Place the Sensor

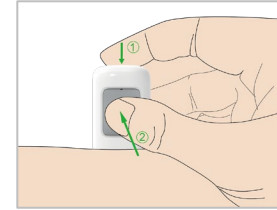
- Use your thumb and finger to bend off the safety lock by pushing it to the left or right.
- Remove the protective liners from the Sensor base.
- Place the Sensor vertically on the selected site.



Apply Sensor

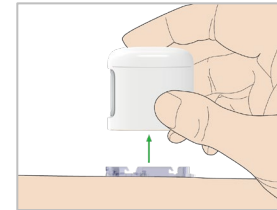
4 Insert Sensor needle

1. Place one finger on the top of the inserter and apply gentle downward pressure toward the skin to ensure the adhesive is securely attached to the skin.
2. While maintaining pressure, press the gray button firmly until you hear a "click" to insert the Sensor.



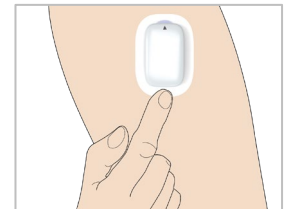
5 Remove the Inserter

- Lift the inserter vertically away from the base.
- Only the Sensor base will be left on your body.
- Discard the sensor inserter into a sharp's container or a puncture-proof container with a tight lid.



6 Connect Transmitter

- Keep the transmitter parallel to the Sensor base, then snap the transmitter into place.
- The indicator light will flash green 3 times first then another 6 times within one minute.
- Smooth the entire edge of the adhesive with your finger to eliminate any wrinkles.

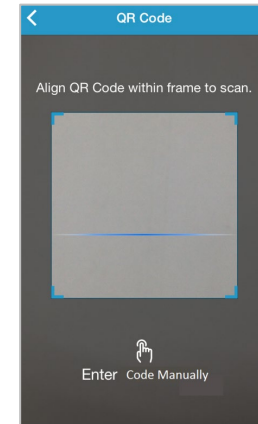
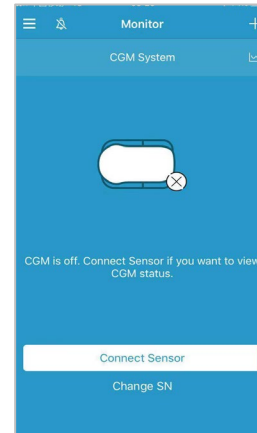


1. Connect the Sensor

- Connect the sensor on the Monitor Screen or CGM menu.

2. Enter the Sensor code

- If the Factory Calibration is turned on, you can enter the sensor code by scanning the QR code or manually entering the 4-digit code on the back of the sensor package, then the calibrations aren't required.
- If the sensor code is not entered, the sensor need to be calibrated twice on the first day.

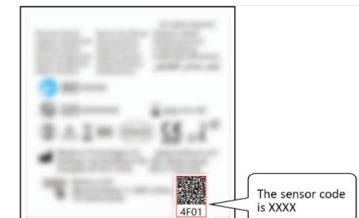
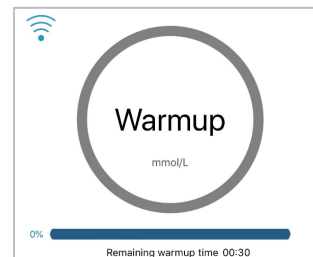


3. Sensor Warm-up

- When connected, the sensor will go through a warm-up period that may last up to 30 minutes.

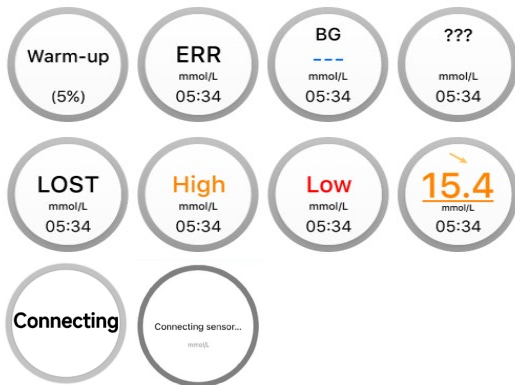
4. Calibrate the Sensor

- Tap the calibration icon  on Monitor Screen, enter BG and confirm the value.



Read CGM

Special Conditions



- **Warm-Up** - The Sensor is warming up.
- **ERR** - The Sensor shall be recalibrated after 15 minutes.
- **BG** - The Sensor shall be calibrated now.
- **???** - No readings. Do not remove the Sensor until you get "Sensor Failure" Alert.
- **LOST** - Sensor signal has been lost for more than 10 minutes. Wait for a while.
- **HIGH** - Sensor glucose is above 22.2 mmol/L (400mg/dL).
- **LOW** - Sensor glucose is below 2.2 mmol/L (40mg/dL).
- **Underlined reading** - Calibration overdue. A new meter BG is needed for calibration .
- **Connecting** - If this message remains for long time, it indicates Bluetooth communication issue or incorrect SN.
- **Connecting Sensor** - If this message remains for long time, it indicates sensor insertion failure.

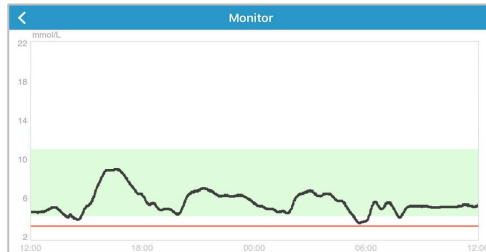
Sensor Trend Arrows

The trend arrow shows the speed and direction of your sensor glucose readings.

	Stable
	Slowly rising or falling
	Rising or falling
	Rapidly rising or falling
No arrow	No information

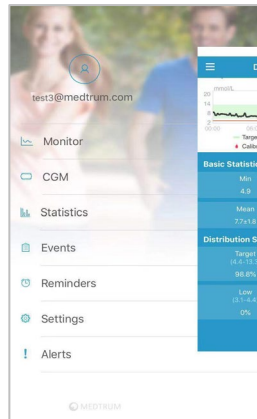
Landscape View

Tap ↗ to view a graph in landscape mode



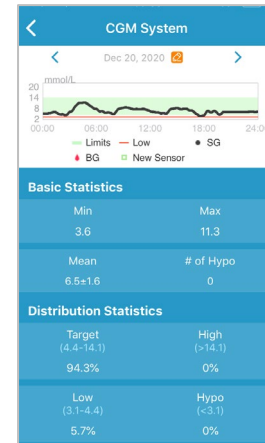
Main Menu

Tap ☰ at the top-left corner to open the Main Menu



Detailed Glucose Information

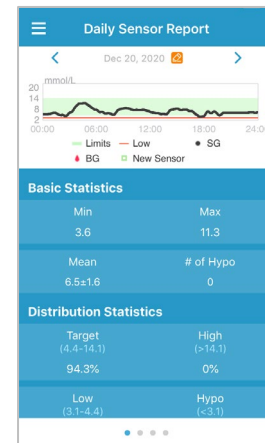
Tap the Sensor Status area to go to Detailed Glucose screen



Statistics

Main Menu → Statistics

Slide the screen to view four types of Statistics: Daily Sensor Report, Sensor Overlay, Trend Analysis and Event Summary.



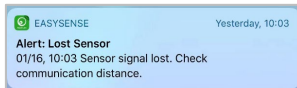
CGM Alerts

Alerts:

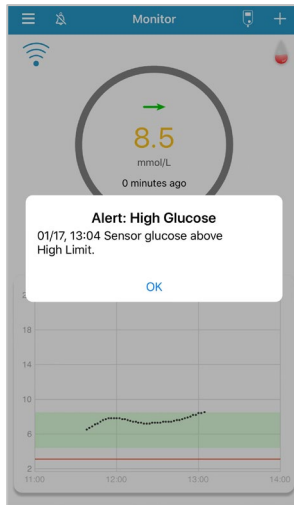
Alerts are triggered by conditions that may require your attention. Do not ignore the Alerts.

Clear an alert:

- Read the alert message on the App.
- Tap **OK** on the App to acknowledge the alert.
- Follow the instructions in the alert message.



App running in the background



App running in the foreground

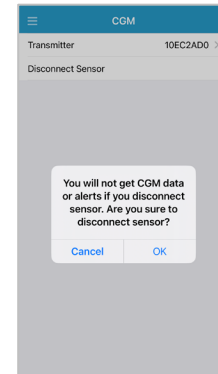
Alerts Examples

App Messages	Actions to Take
LOST SENSOR	Move your smart device close to the Transmitter.
METER BG NOW	Enter a new meter BG for calibration.
SENSOR CALIBRATION ERROR	Enter meter BG after 15 minutes.
SENSOR END IN 6 HOURS, SENSOR END IN 2 HOURS, SENSOR END IN 30 MINUTES	Change sensor in time
SENSOR EXPIRED, SENSOR FAILURE	Change Sensor now.
TRANSMITTER BATTERY LOW, CHARGE TRANSMITTER	Change Transmitter in time.
NO READINGS	Check if the sensor gets bumped or dislodged. If not . If the sensor is dislodged, change sensor.
TRANSMITTER ERROR	Call customer support.
HIGH GLUCOSE, Low GLUCOSE, HIGH PREDICTED, LOW PREDICTED, RAPID RISE, RAPID FALL, BELOW 3.1 mmol/L (BELOW 56 mg/dL)	Check blood glucose and treat as necessary. Continue to monitor blood glucose.

Disconnect Sensor

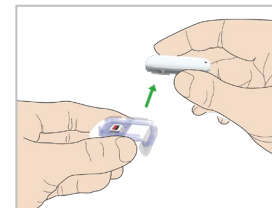
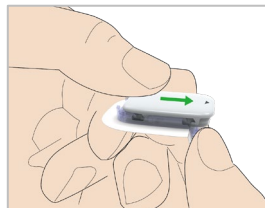
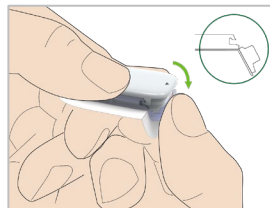
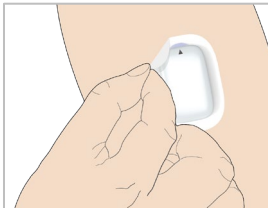
Main Menu → CGM → Disconnect Sensor

- Each Sensor session will end automatically 14 days. After that, you can remove the Sensor from body.
- If you want to remove a Sensor before its expiration, you must disconnect it from your EasySense App first.



Remove the Sensor

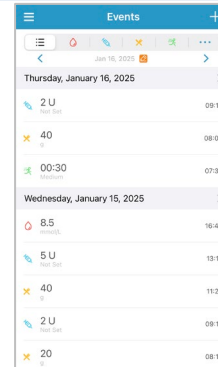
- Gently peel off the adhesive pad in one motion to remove the Sensor and Transmitter.
- Hold the tab on the Sensor base and fold it down to break the base.
- Using your thumb, push the Transmitter slightly forward in a horizontal direction to separate it from the base.
- Gently pull the Transmitter away from the Sensor base.
- Remember to keep the reusable Transmitter. It is recommended to charge the Transmitter after each Sensor session. Make sure the Transmitter was disconnected from the old Sensor over 90 seconds before it is connected to a new one.



Events and Personal Reminder

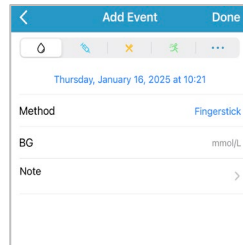
Main Menu → Event

This screen shows all the events before a certain date which can be changed by tapping  and selecting a day or tapping < / > to move back / forward.



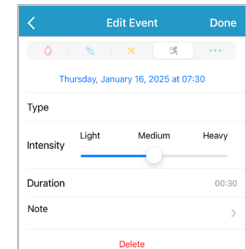
Add an event

1. Tap  to add a new event.
2. Tap       to add BG, injection, food carbs, exercise or other events.



Edit events

1. Select a previous entered event.
2. Tap **Done** to save or tap **Delete** to delete an event.

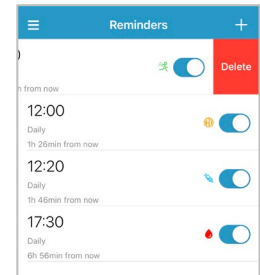
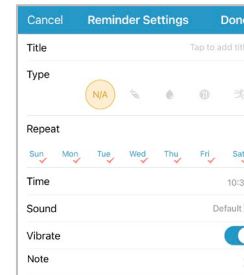
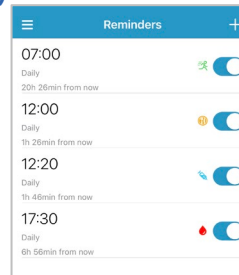


Personal Reminder (For iOS device only)

The personal reminders can be useful to remind you when to check your blood glucose, delivery bolus etc.

Tap  to add a reminder,

Slide a reminder from right to left and tap **Delete** to delete it.



Your Personal CGM Settings

Glucose Alerts

☐ ON ☐ OFF

Glucose Limits (mmol/L)

Start Time	Low Limit	High Limit
:		
:		
:		
:		
:		
:		
:		
:		

Predictive Alerts

Type	Status / Time	
High	☐ ON _____	☐ OFF
Low	☐ ON _____	☐ OFF

Rate Alerts (mmol/L/min)

Type	Status / Rate	
Rise	☐ ON _____	☐ OFF
Fall	☐ ON _____	☐ OFF

Repeat/Snooze

High	/
Low	/
Others	/



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IM883160WW-001
348503
Version: 2.01

Simplifying Diabetes

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