

Infinovo
Innovation for Diabetes

Glunovo i3 CGM Basic Training Course

Dec 2019

Innovation for Diabetes

Glunovo CGM System

Provides
A Complete Glycemic Picture
For
Better Diabetes Management



Getting to know the Glunovo[®] CGMS



Glunovo i3 CGM System

New generation CGMS with User Friendly features.

Web-based Online Portal and Various Analysis Tools

Key Features

- Slim Transmitter & Sensor (7mm thickness)
- One-Click Applicator
- 14 Days Sensor Life
- 3 years Usage Life of Transmitter
- Reduce Certain Drug Reaction

Sensor



Key features:

- Soft Probe, diameter $\phi 0.15\text{mm}$;
- IP27 Waterproof ;
- 14 days lifecycle;
- Reduce certain drug reaction
- Painless Insertion

Glucose Range	2.2-22.2 mmol/L
Lifecycle	14days
Calibration method	Glucose meter
Calibration Range	2.2-22.2 mmol/L
Storage conditions	Temperature:2°C-25°C ; Relative humidity:15%-85%
Transportation Condition	Normal temperature transportation
Sterilization method	Irradiation sterilization
Shelf life	8 months

Transmitter



Key Facts

- Small and light
- IP27 Waterproof design
- 3 years Usage Life, lower cost

Size	33 mm * 19 mm * 4 mm
Weight	3.7 g
Glucose display interval	3 minutes
Calibration frequency	2 times / day (in 24 hours)
Data Detection Range	2 m (Accessibility)
Historical data storage capacity	14 days
Protection Grade	IP27
Duration	36 months
Working conditions	Temperature : 10°C-40°C ; Relative humidity : 10%-95%
Storage conditions	Temperature : 0°C-45 °C ; Relative humidity : 10%-95%

APP-Data Receiver

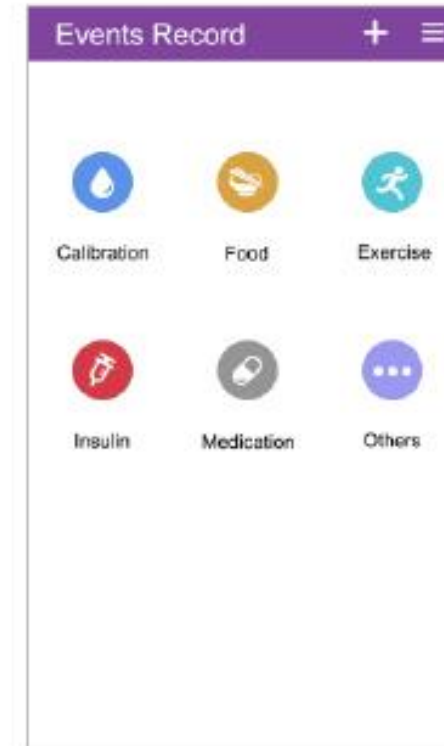
Get to know necessary info easily and quickly



Shows glucose variability versus target range



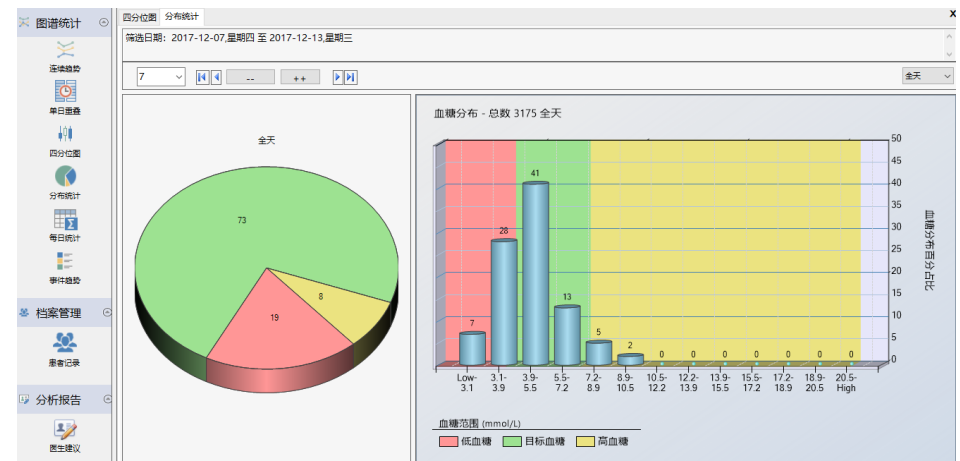
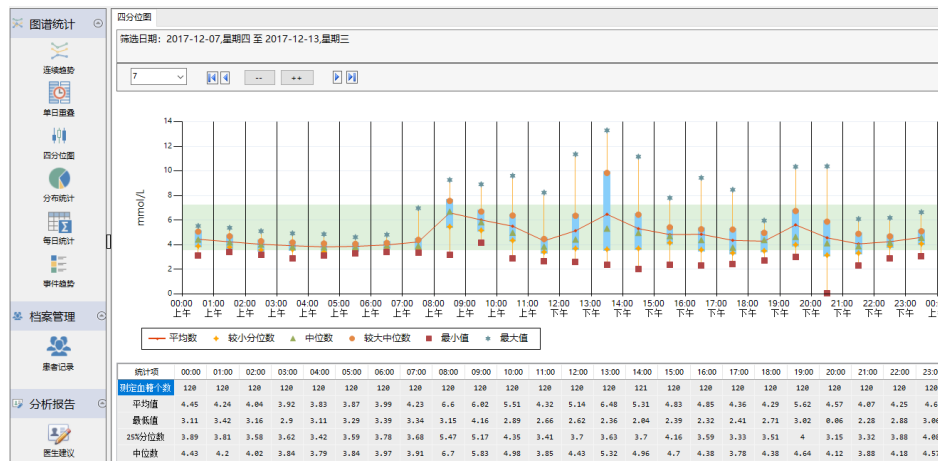
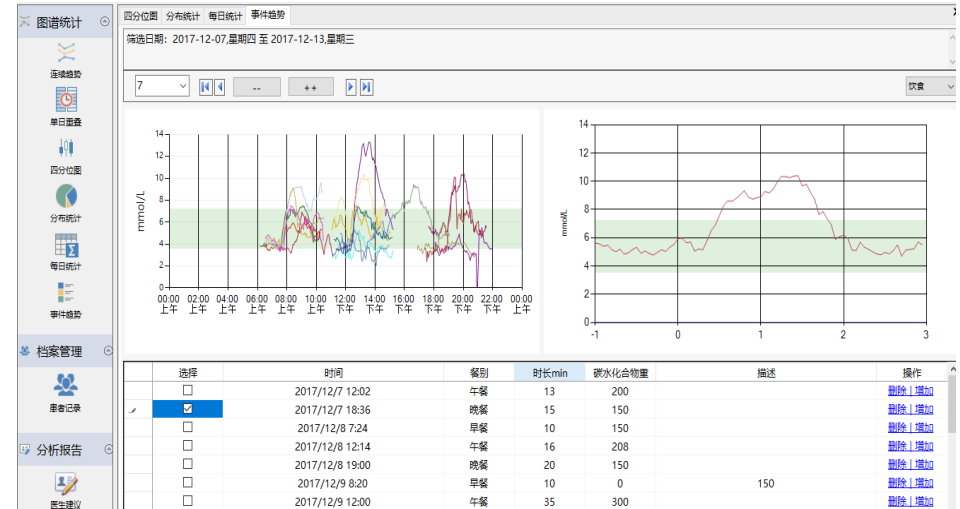
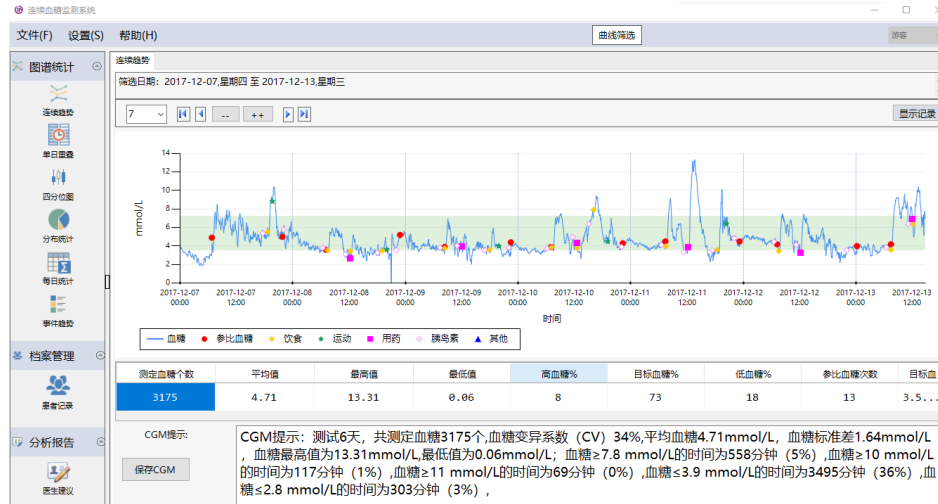
Displays the percentage of high and low glucose



Allows daily events records

PC Software

Provide multifunctional analysis to assist physicians



Online Portal(Beta version)

Nasir Shiraz CGM Data

Last BG Reading sent from Mobile Device: 8.8 mmol/L

Last Insulin Reading sent from Mobile Device: 5 units

Last Carbs Reading sent from Mobile Device: 10 grams

Last Hypo Event: 0 mmol/L

Date Range Selector: 7 Days, 14 Days, 30 Days, 90 Days, Range, Logout

Blood Glucose (Line Chart)

Time in Range (Bar Chart)

Average BG (Bar Chart)

Event Log

Time	Insulin	Carbs
06-11 13:52	5 units	
06-11 13:52		10 grams
05-11 11:21	4 units	
05-11 11:21		10 grams

Average BG within Date Range: 10 mmol/L

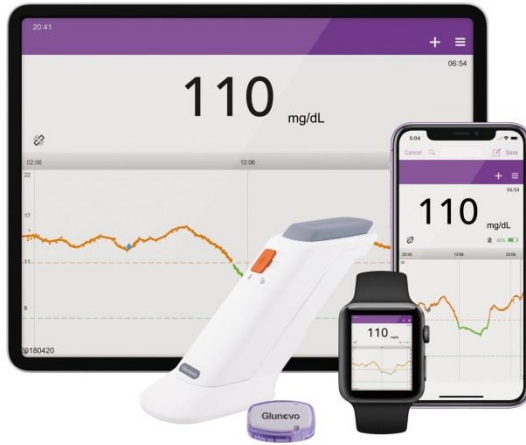
Last HBA1c: 12

Next Appointment: 2019-11-16 00:45

Highest BG within Date Range: 23 mmol/L

Getting to apply the Glunovo[®] CGMS

APP preparation-download



NOTICE:

- **Only Android Version available so far**
- **Change the language setting to English(United Kingdom) before use**

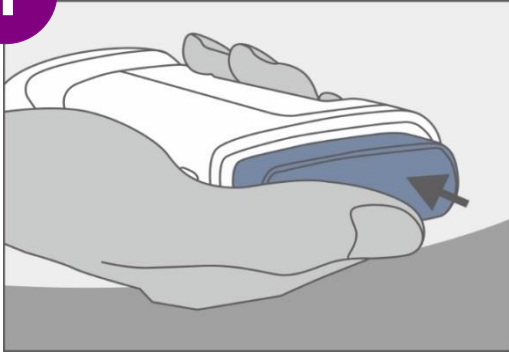
- Log on: <https://www.pgyer.com/8sHB>
- Scan Code bar:



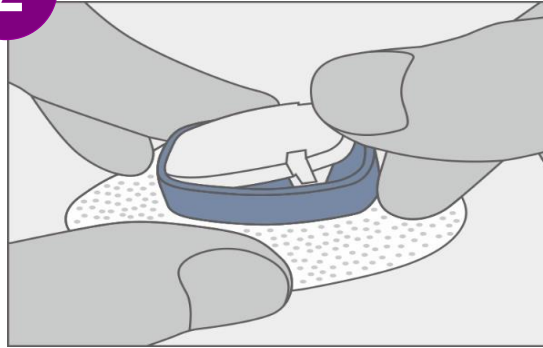
Download password: 2222

Get Start Now!!

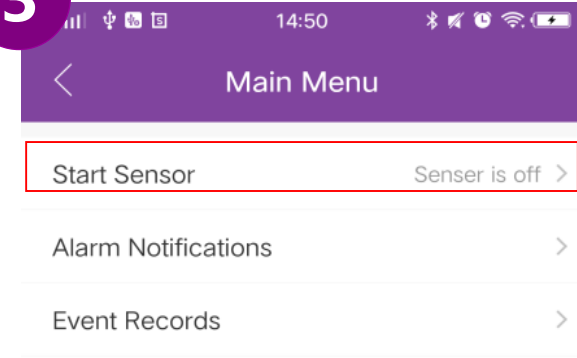
1 Apply Sensor



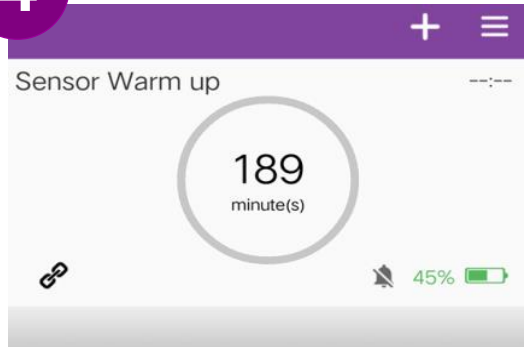
2 Attach Transmitter



3 Start Sensor



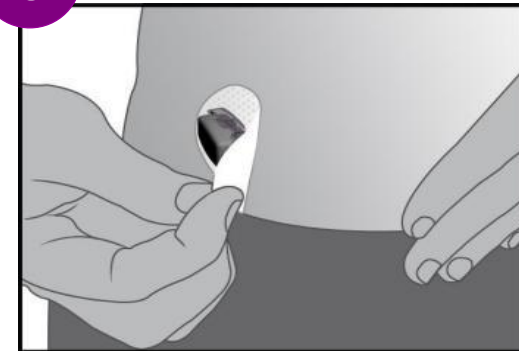
4 Warm Up



5 Calibration

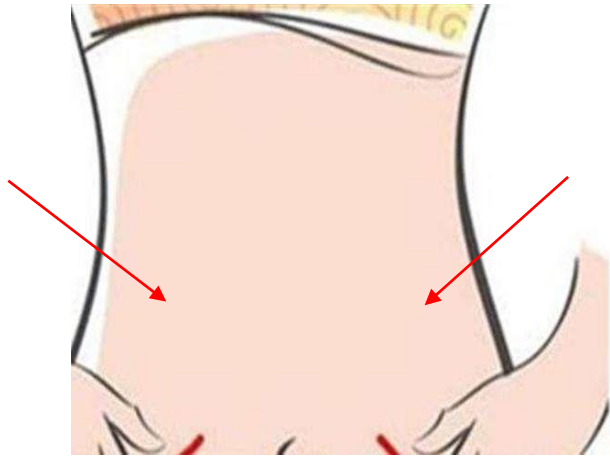


6 Remove Sensor



Step1-Apply sensor

1. Choose the Insertion Site



- Only on the Abdomen (strongly recommended)
- 5 CM away from the belly button
- 5 CM away from the insulin Injection site
- Avoid fatty induration site

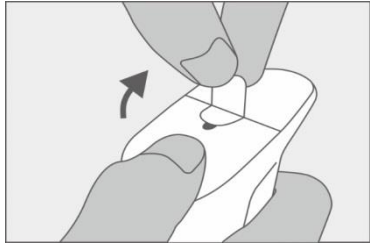


2. Clean the skin with an alcohol wipe and allow site to dry before proceeding.*

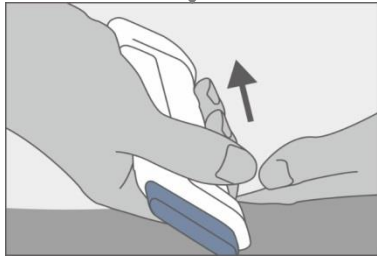


- Change insertion site after previous use
- Clean the skin before insertion
- Check whether package broken
- Check shelf life before insertion

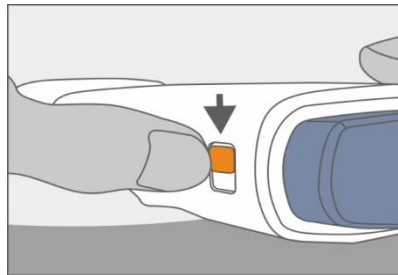
Step1-Apply sensor



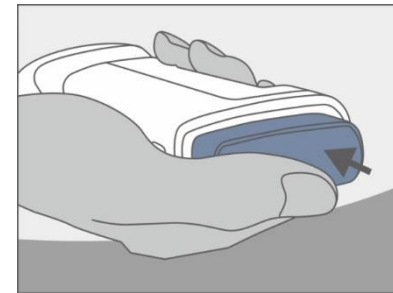
1. Remove the protective paper from the bottom of the sensor base. Hold the sensor by the applicator barrel, and do not touch the adhesive tape.



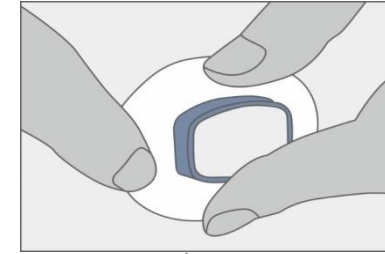
2. Place the sensor horizontally on the abdomen. Press the applicator to ensure that the tape is firmly attached.



3. Hold the applicator and pull the safety lock.



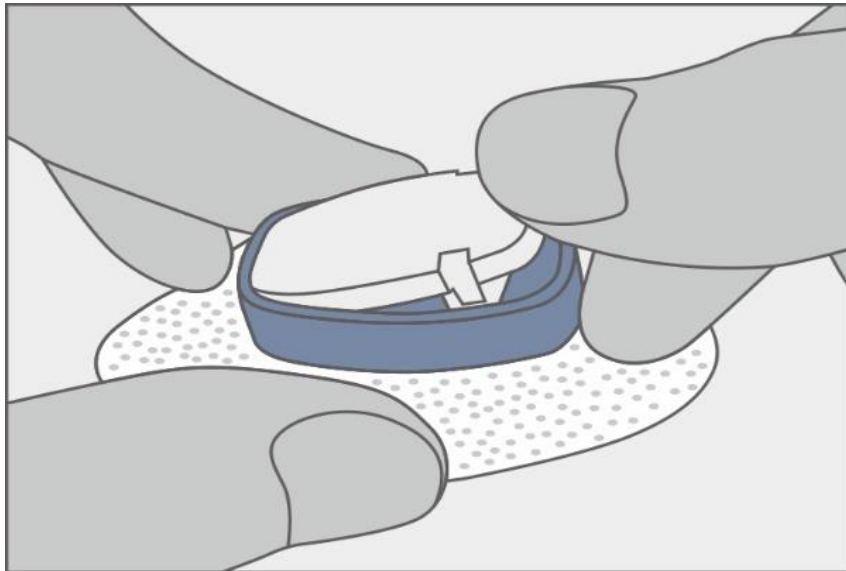
4. Press the top button of the applicator, and the sensor electrode have been inserted automatically. Gently pull applicator up until you see adhesive patch. Using your finger or thumb, hold front edge of patch and peel from skin, at this time, only the sensor base and adhesive tape are attached to the abdomen.



5. Press along the tape to ensure the tape is firmly attached.

Step2-Attach Transmitter

1. Wipe the bottom of the transmitter with a wet cloth or alcohol wool and air dry. Do not touch the bottom of the transmitter, as the metal contacts is on the bottom. Do not scratch the bottom of the transmitter, as the scratch may damage the waterproof.



2. Place the transmitter in the sensor base and fix the transmitter:
a. The thumb and middle finger of one hand are pressed on the edges of the adhesive tape and the base, and the index finger is placed on the transmitter to ensure that it will not move.
b. Press the transmitter with the thumb of the other hand.
c. When the transmitter is fixed, make sure you hear the tick. If it is not completely buckled, it may cause the transmitter to disengage.
Do not take out the transmitter when the sensor base is attached to the skin.

Step2-Attach Transmitter-Connection

Register user ID

China Unicom 4:43 pm

< Account Management

Name >

Gender >

Date of Birth >

Email Address >

Phone >

Read and Agree Before Saving
Terms and Conditions

CANCEL SAVE

Press Add device

4G 14:46

Bluetooth Current Device is not set >

Add Device

OR

Press Current device

China Mobile 11:35 AM

< Settings

Account Management >

Unit Setting mmol/L >

Current Device >

Help Version: 1.0.1

Choose device

4G 14:48

< Select device

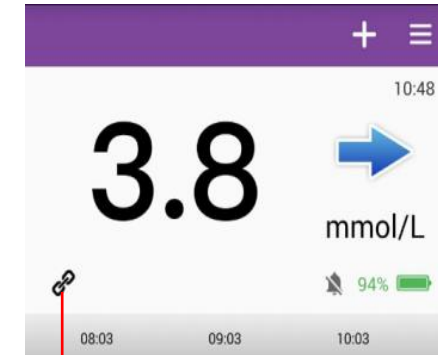
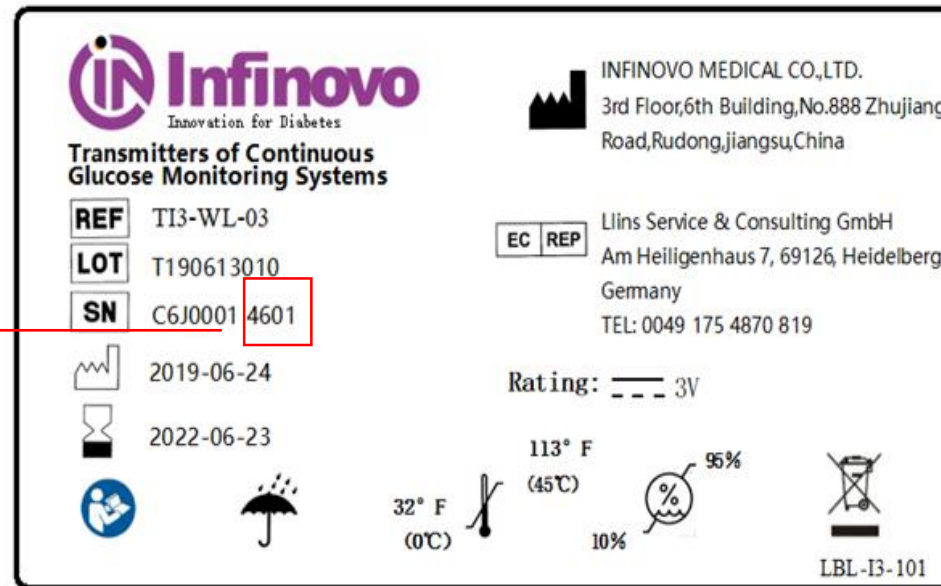
X1-ABC0000
CD:14:57:67:70:F2

SEARCH DEVICES

Step2-Attach Transmitter-Connection

Enter Paring Code:

Serial number
Paring Code

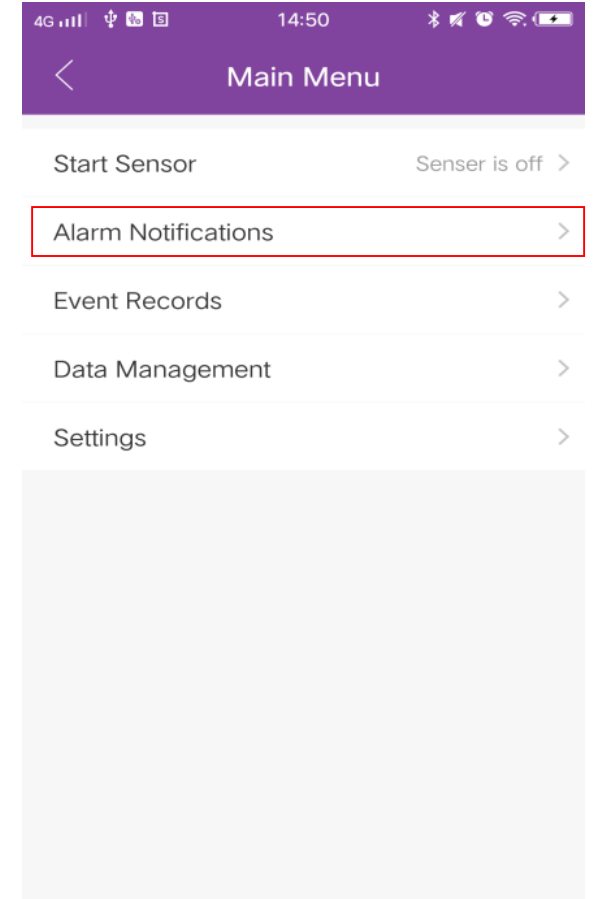
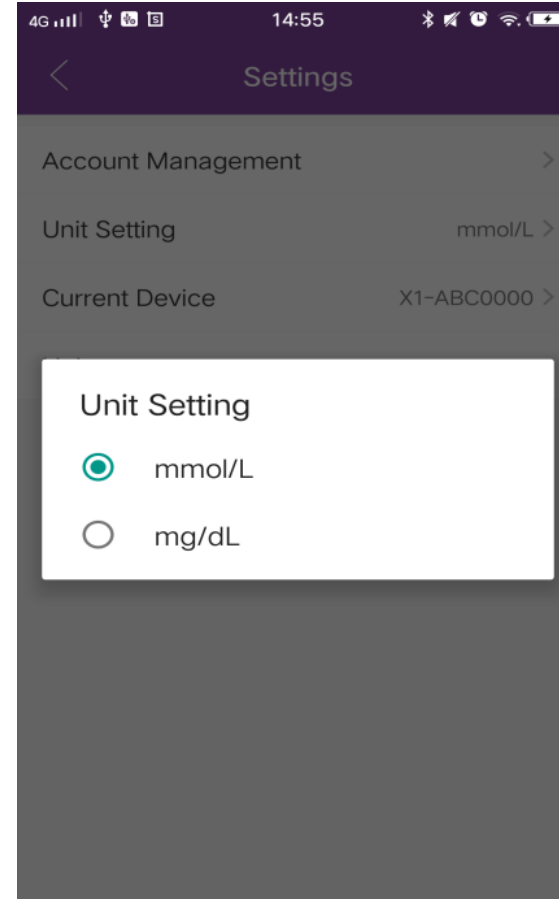
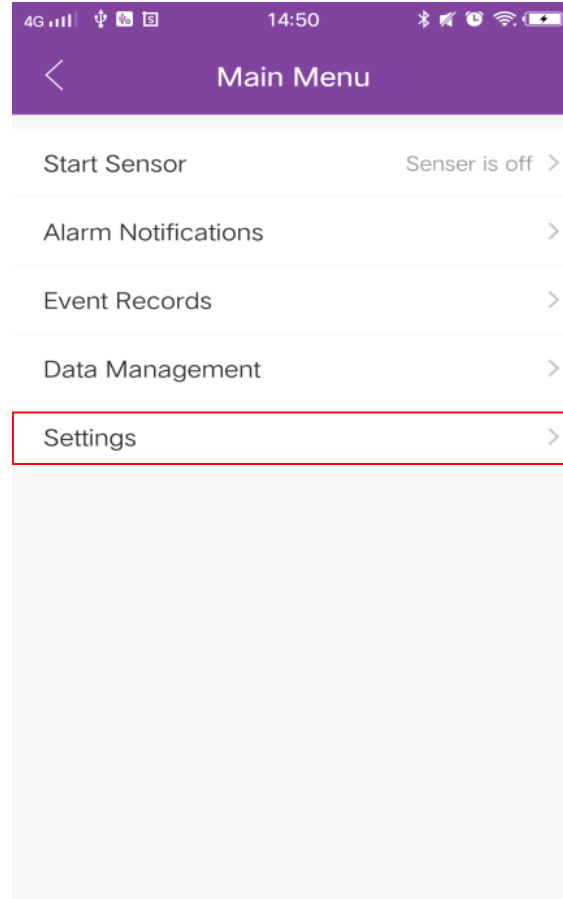
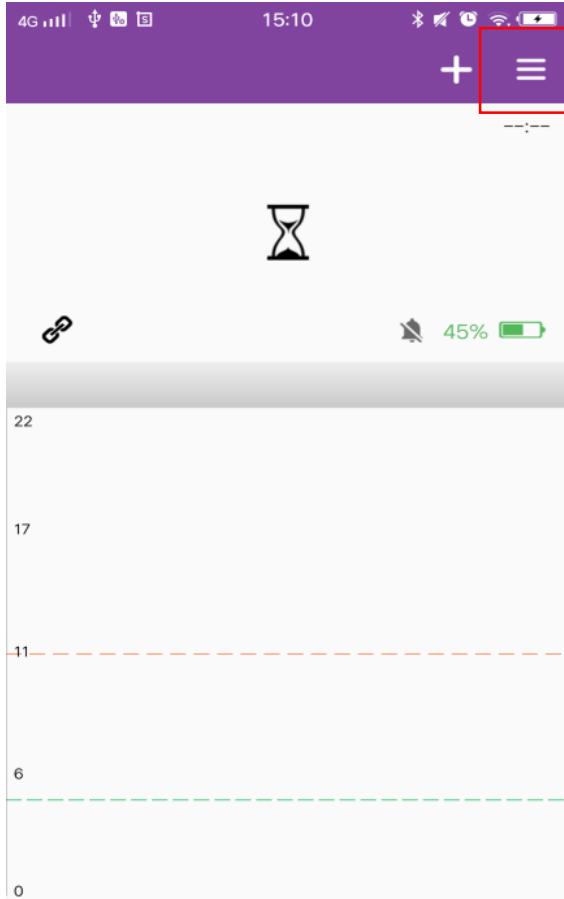


Already connected

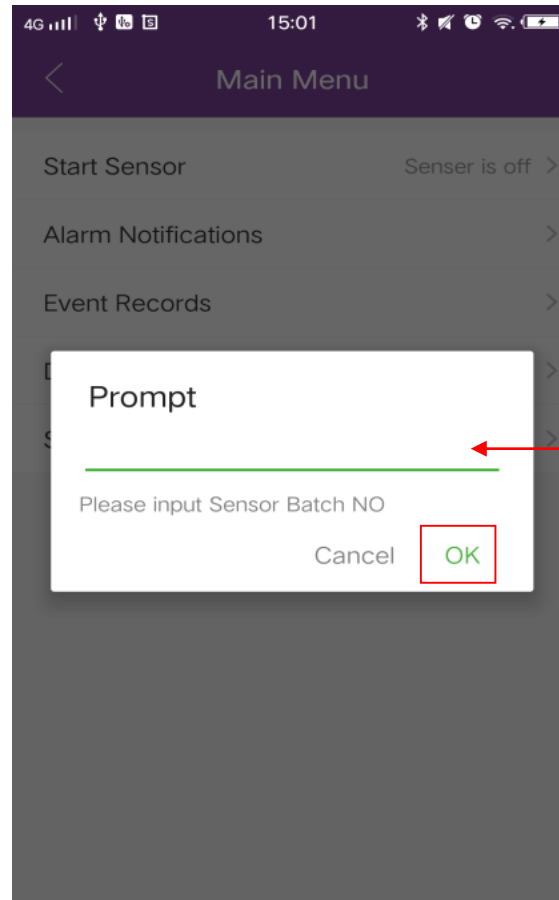
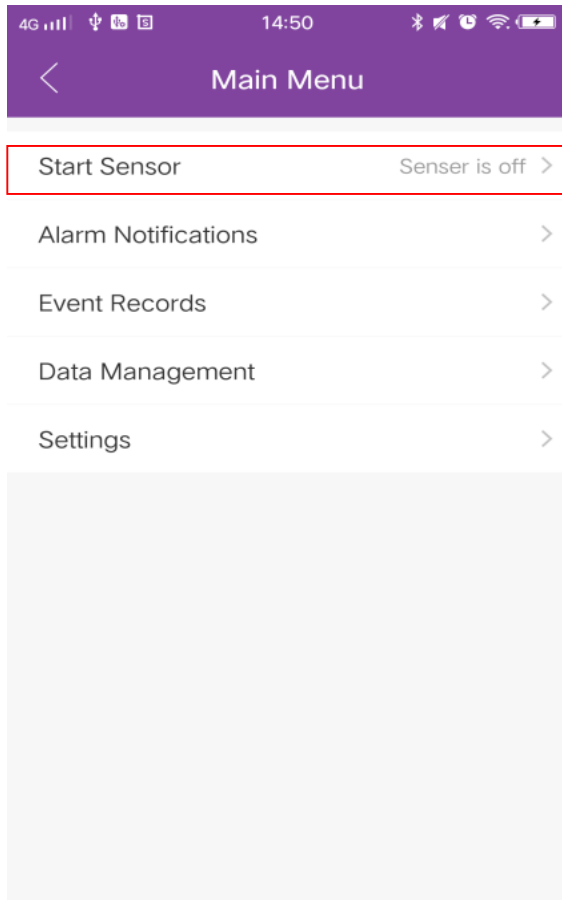


Disconnected

Step2-Attach Transmitter-Customize Setting



Step3-Start the Sensor



Enter LOT number:

Infinovo
Innovation for Diabetes

Sensors of Continuous Glucose Monitoring Systems

REF SI3-WL-03

LOT S190603010

2019-06-27

2020-02-26

Sterilization lot: 19061406

36° F (2°C)

77° F (25°C)

85%

15%

STERILE R

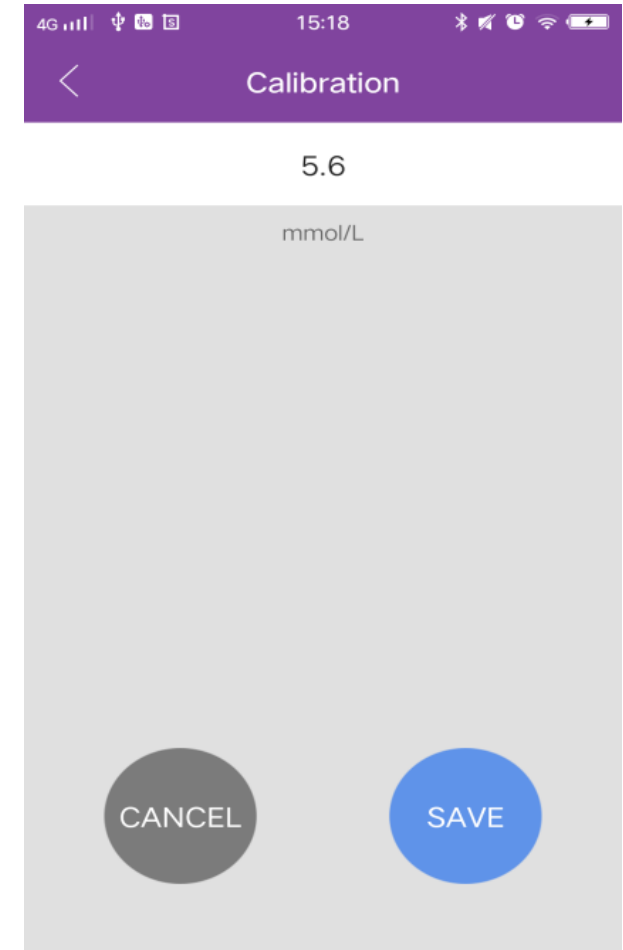
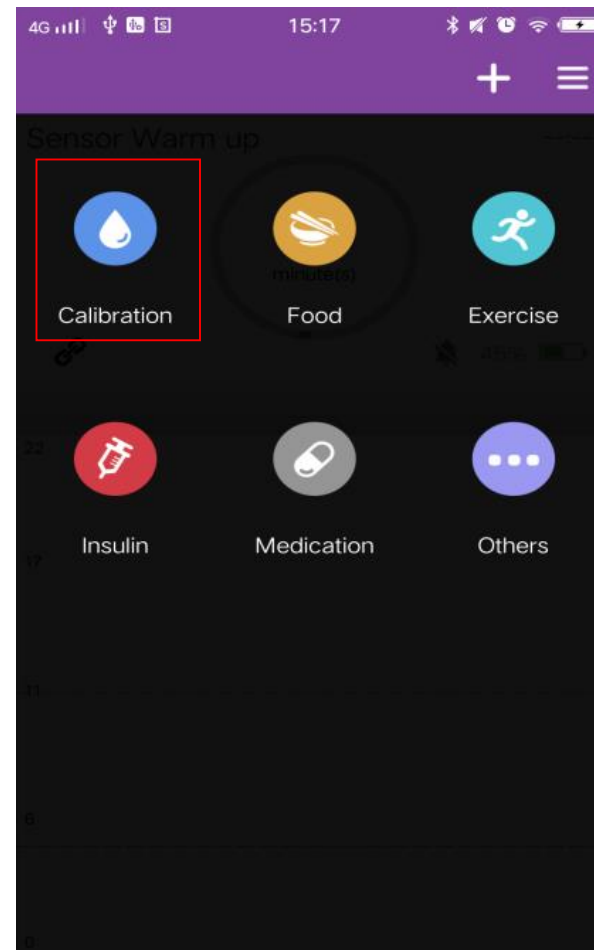
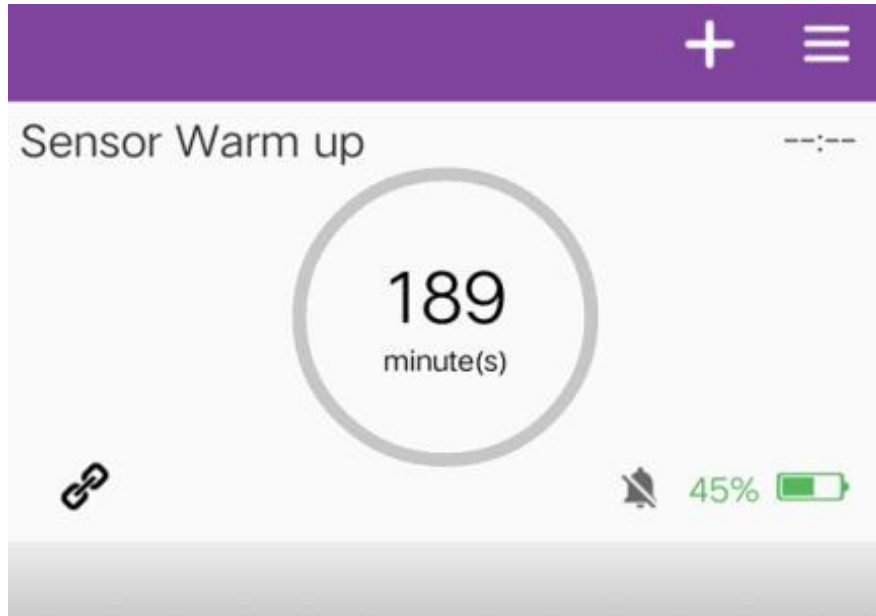
! ⚡

LBL-I3-301

INFINOVO MEDICAL CO.,LTD.
3rd Floor,6th Building,No.888 Zhujiang Road,Rudong,jiangsu,China

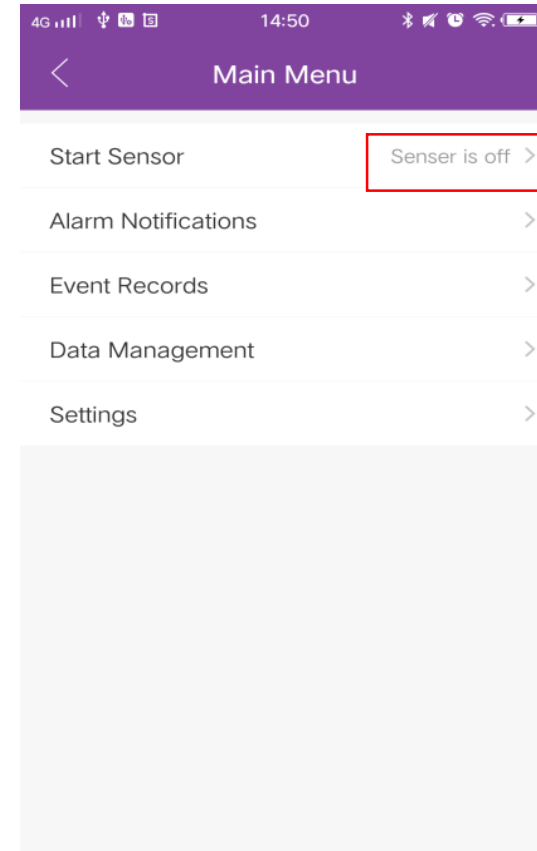
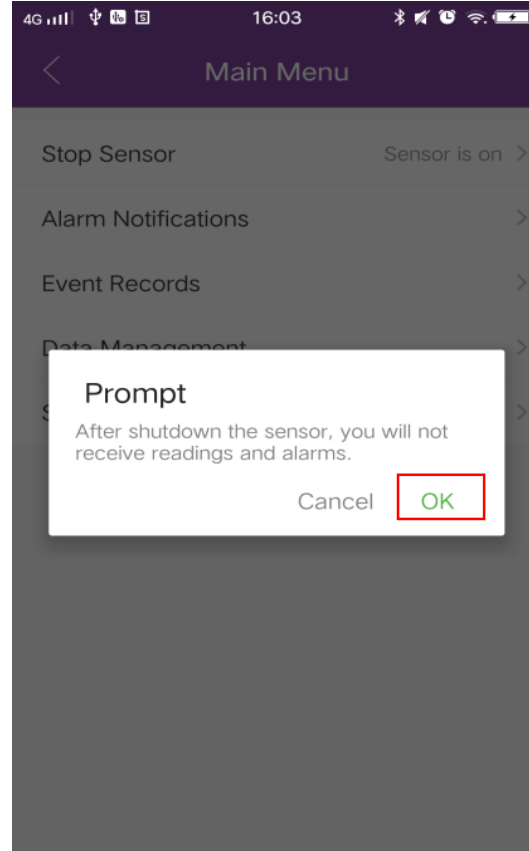
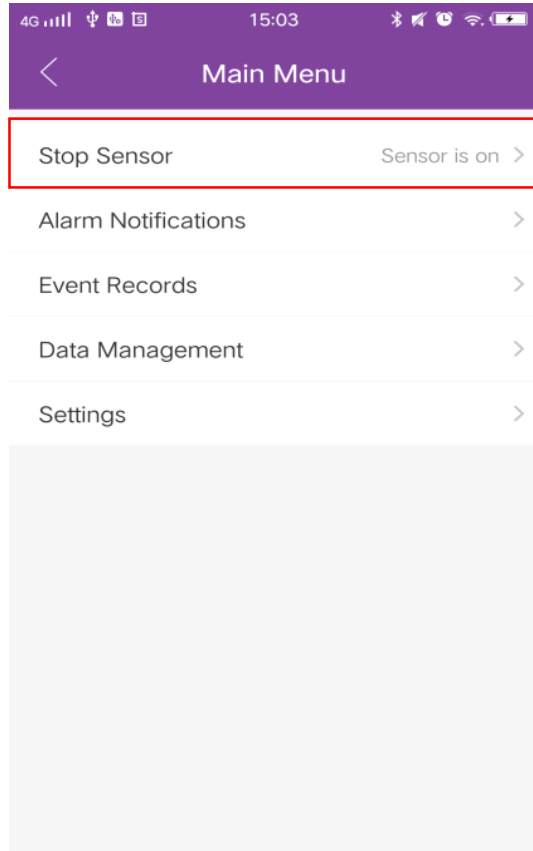
Llins Service & Consulting GmbH
Am Heiligenhaus 7, 69126, Heidelberg, Germany
TEL: 0049 175 4870 819

Step4&5-Warm Up and Calibration

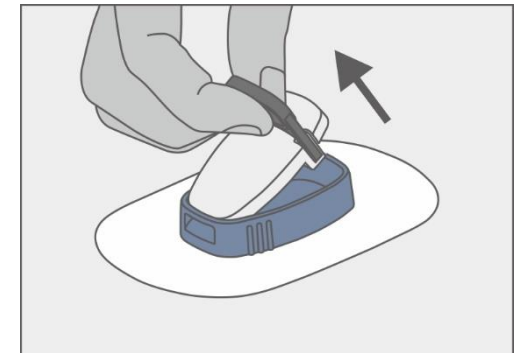
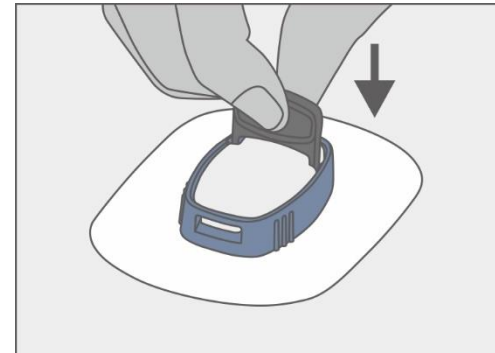
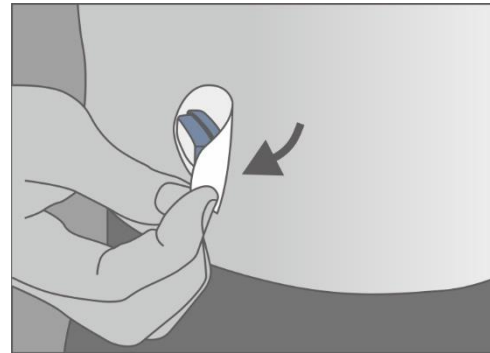
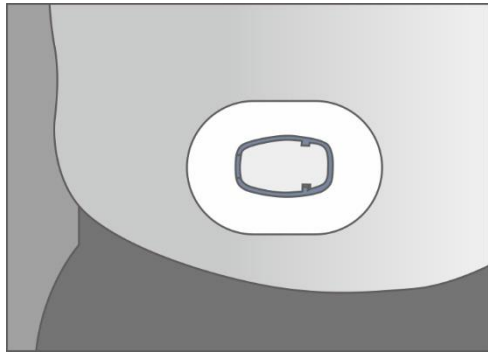


- Warm up time: 190 Mins
- 1st Calibration will be done after Warm up
- All calibration should be done before meal

Step6-Sensor Removal-Stop Sensor



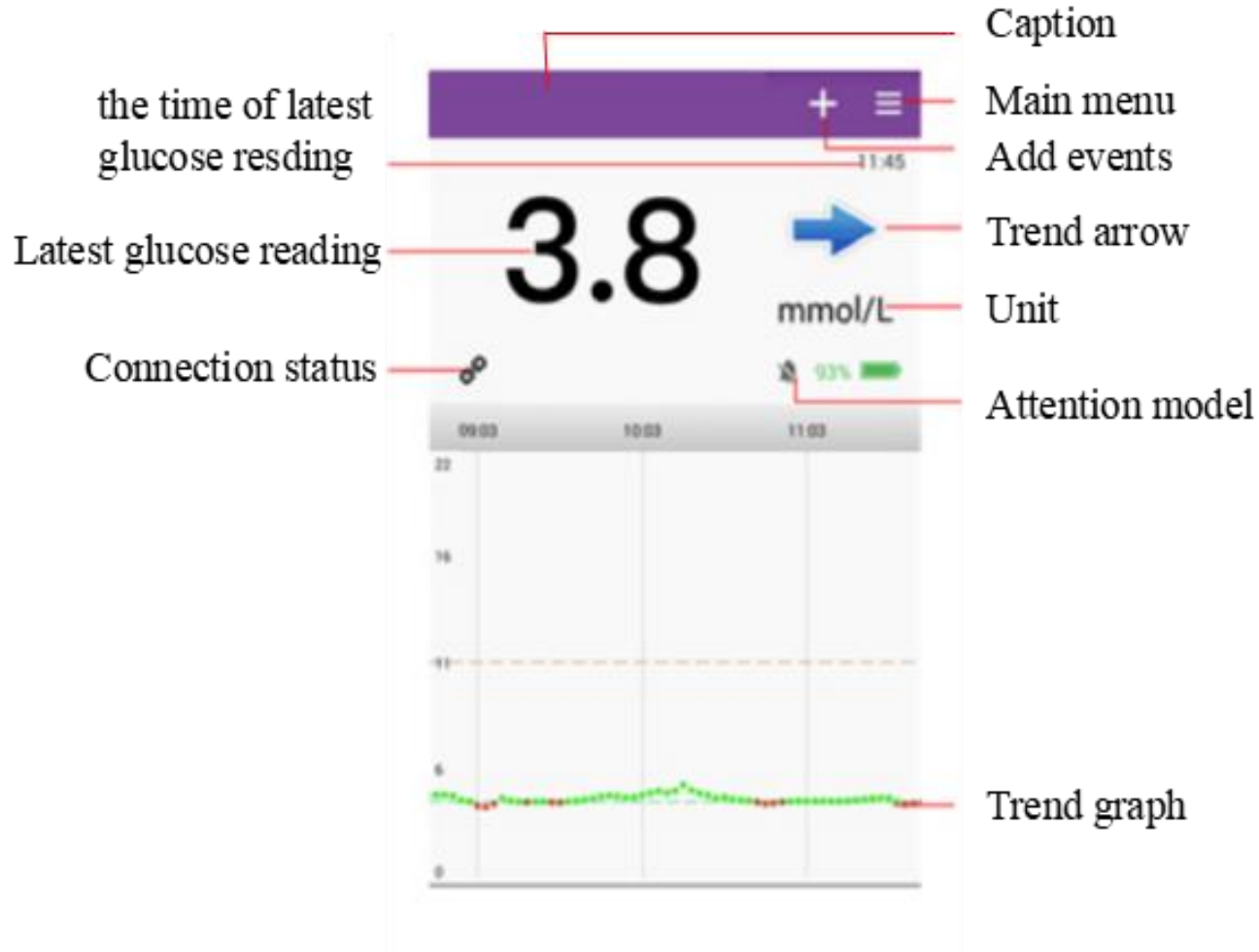
Step6-Sensor Removal-Take off



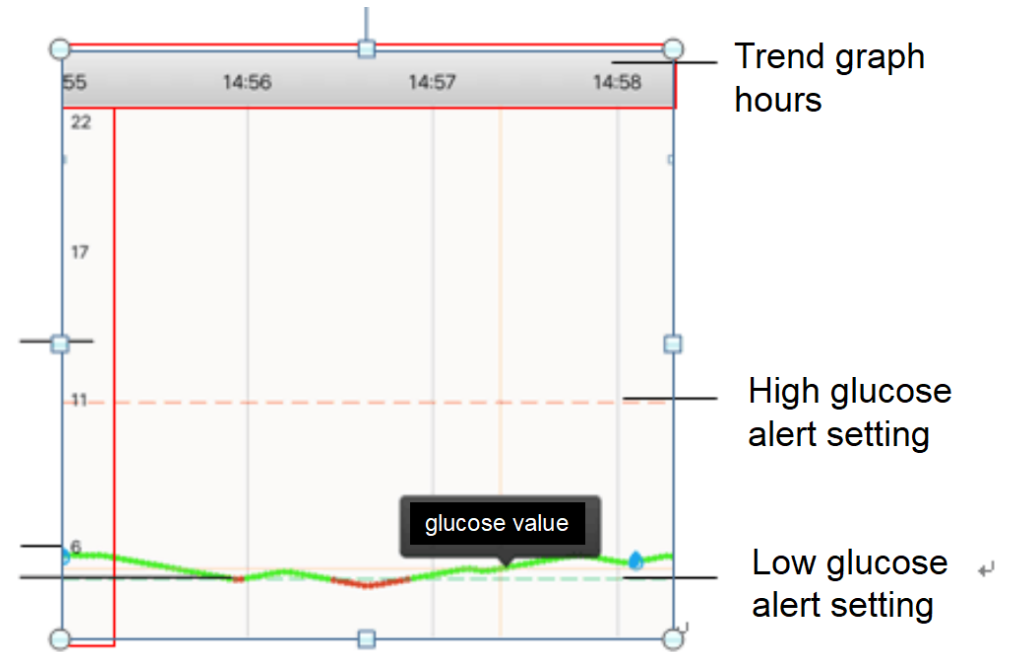
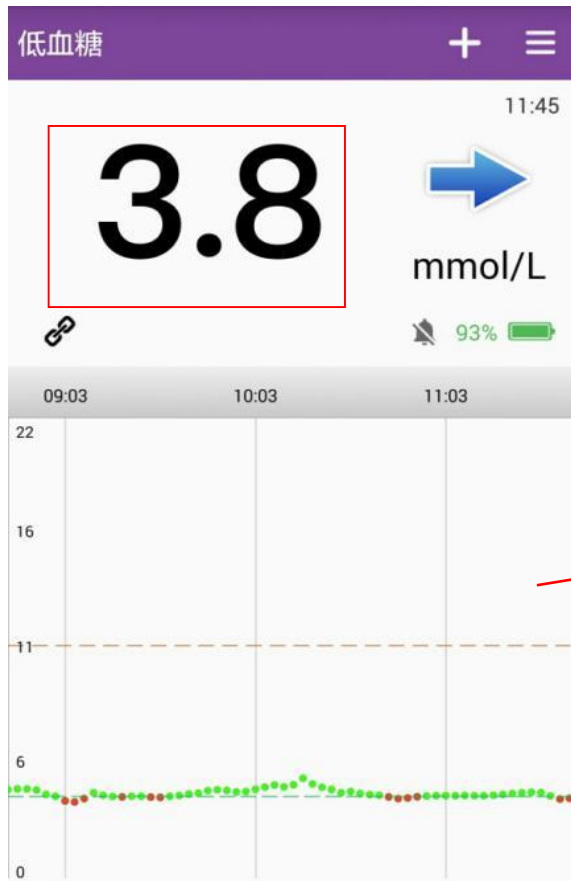
- Remove sensor and transmitter together
- Dispatch the transmitter with specific tools
- Put the transmitter back to package to re-use

Intro to Glunovo[®] APP

APP-Data Receiver



Data Reading



Data Reading

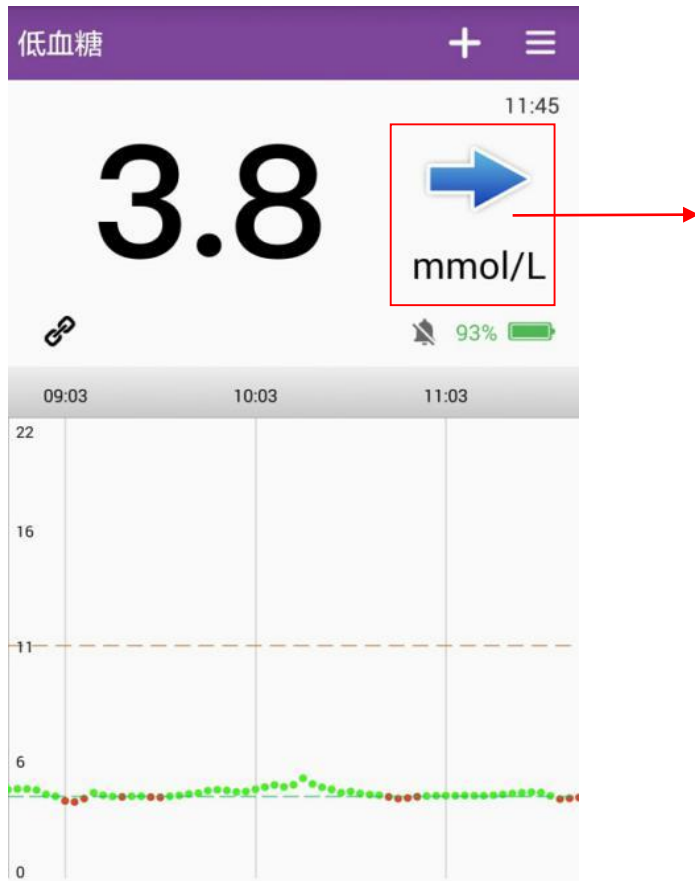


读数列表

序号	时间	血糖值	备注
490	08-08 10:01:30	5.00	
489	08-08 09:58:30	4.90	
488	08-08 09:55:30	4.80	
487	08-08 09:52:30	4.80	
486	08-08 09:49:30	4.50	参比血糖
486	08-08 09:49:30	7.00	
485	08-08 09:46:30	6.90	
484	08-08 09:43:30	6.90	
483	08-08 09:40:30	7.00	
482	08-08 09:37:30	6.70	
481	08-08 09:34:30	6.80	

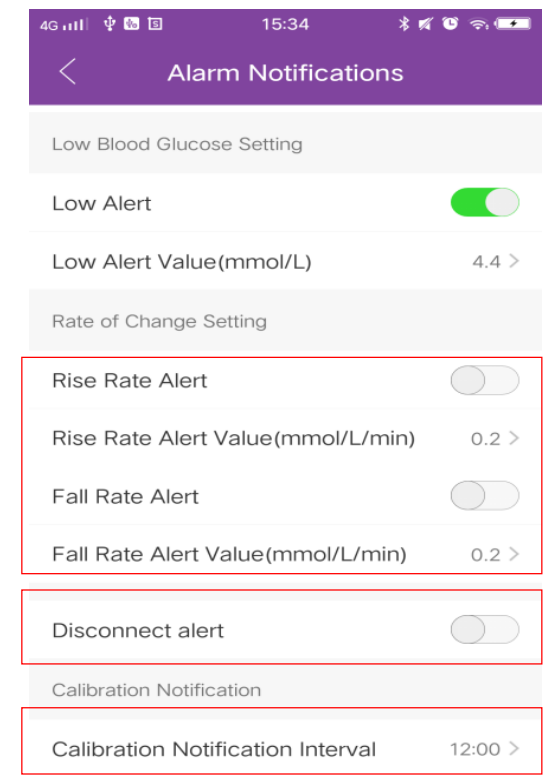
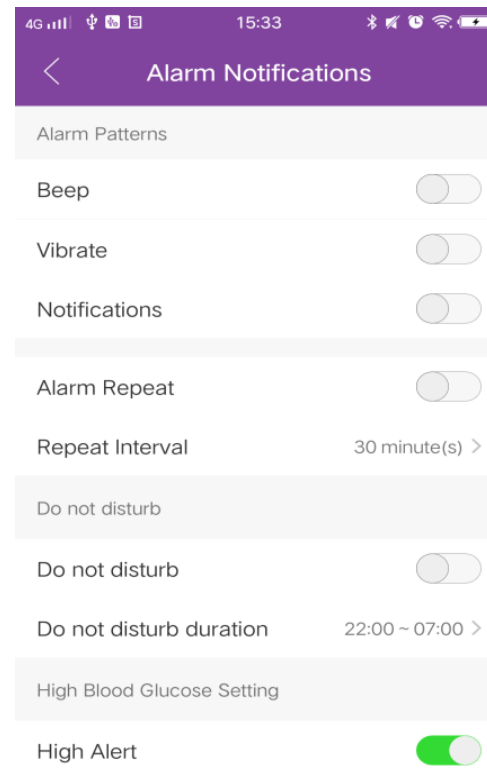
The screenshot shows a mobile application interface for a 'Reading List' (读数列表). It features a table with four columns: '序号' (Serial Number), '时间' (Time), '血糖值' (Blood Sugar Value), and '备注' (Remarks). The table contains 12 rows of data, with the 6th row (Serial Number 486) highlighted in blue and marked as '参比血糖' (Reference Blood Sugar). The time values range from 08-08 09:34:30 to 08-08 10:01:30, and the blood sugar values range from 4.50 to 7.00 mmol/L.

Data Reading



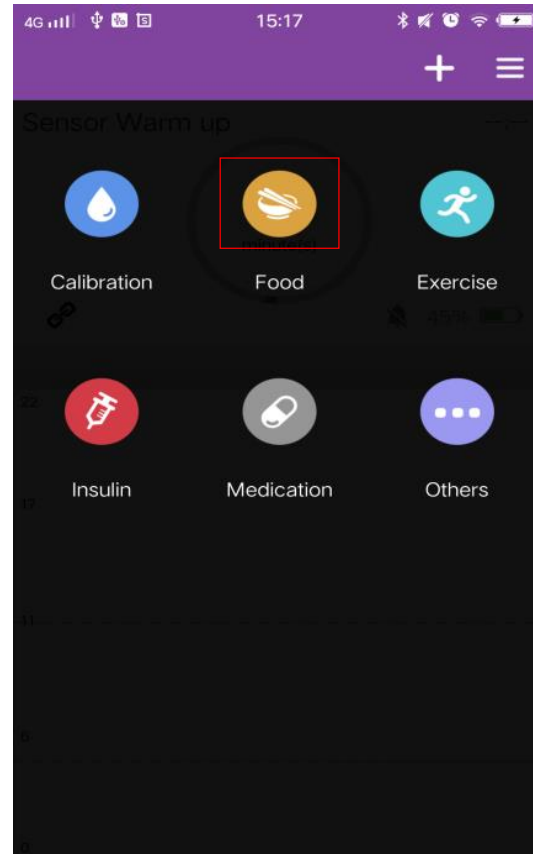
Arrows	Definition
	Stable: Blood glucose is stable (no more than 0.06 mmol/L rise or fall per minute).
	Slow rise: blood glucose increases by 0.06 to 0.11 mmol/L per minute.
	Rise: blood glucose increased by 0.11-0.17 mmol/L per minute.
	Rapid rise: blood glucose increased by more than 0.17 mmol/L per minute.
	Slow decrease: blood glucose decreased by 0.06 to 0.11 mmol/L per minute.
	Decrease: blood glucose decreased by 0.11-0.17 mmol/L per minute.
	Rapid decrease: blood glucose decreased by more than 0.17 mmol/L per minute.
No arrow	App can not calculate the rate of increase or decrease in blood glucose (data synchronization or disconnection).

Alert and Warning



Notice: Urgent Low alarm is below 3.1mmol/L, Can't change this setting

Records

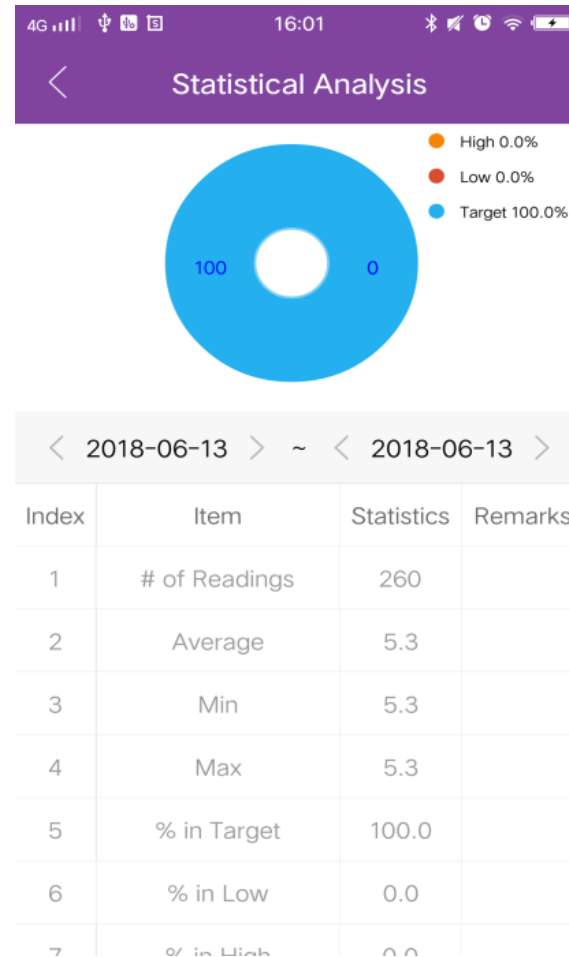
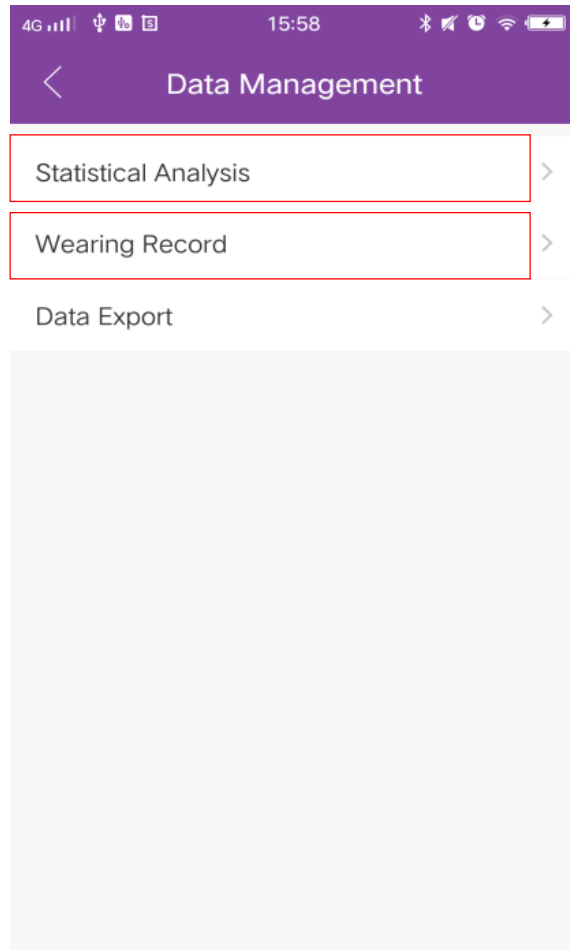


The 'Food' logging form has the following fields: Time (Not set), Meals (Not set), Duration (minutes) (Not set), Carbohydrate (g) (Not set), and Description. The 'Description' field is highlighted with a red box. At the bottom of the form are two large buttons: 'CANCEL' (grey) and 'SAVE' (blue).

Time	Meals	Duration (minutes)	Carbohydrate (g)
2017-11-27 18:38	Dinner	18min	Not set
2017-11-27 12:37	Lunch	20min	Not set
2017-11-27 07:06	Breakfast	15min	Not set

The 'Event Records' screen shows a list of food events. Each event includes a 'Food' icon, the time, the meal type, the duration, and a 'Glucose Variation' icon. The 'Description' field from the previous screen is highlighted with a red box.

Data Analysis and Management



16:00

Wearing Record

Transmitter ID	Start Time	End Time
X1-B7H0010	2018-06-13 15:50:23	
X1-B7H000D	2018-06-13 15:12:12	2018-06-13 15:43:18
X1-ABC0000	2018-06-13 15:03:23	2018-06-13 15:06:54



THANK YOU