

# Glunovo<sup>®</sup>

## i3 *Real-time* CGM system



Real-time Monitoring



14 Day Sensor



Smart Phone as Receiver

# 14 day Continuous Glucose Monitoring System

### Why do I have to use CGM?



#### **480 readings per day**

Blood Glucose Monitoring(BGM) can only measure glucose levels of limited time points, while Glunovo Continuous Glucose Monitoring(CGM) system keeps measuring your glucose level every 3 mins making a total 480 readings per day.



#### **Keep it fully tracked**

Instead of 7 fingersticks per day, Glunovo CGMs can measure the interstitial glucose levels every 3 mins, not only can keep a tracking of your glucose status, but also generates reports to make a better understanding of your glucose level, as well as a better insulin decision.



#### **Keep it under control**

CGM can significantly reduce the hypoglycemia and hyperglycemia day and night. Glunovo CGM can provide warning alarm when your glucose level is out of the setting range, making your glucose level under control and reducing the hypoglycemia duration.

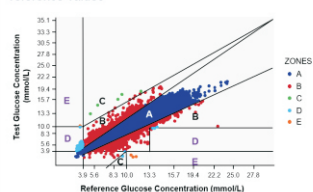
### How accurate is the Glunovo i3 CGM?

To evaluate the performance of the Glunovo CGMS, in terms of its safety, effectiveness, and precision, a multicenter, self-controlled study was conducted by a group of doctors, the report was shared in EASD 2021\*. Here is the summary of the report for comparison between CGM and EKF's readings :



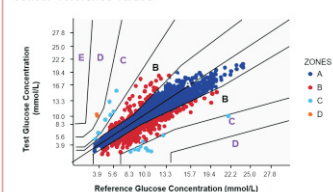
MARD=9.38%\*

**Figure 1.** Clarke error grid analysis of paired sensor-reference values



• A total of 99.08% of the measuring points fell within A+B zones of Clarke error grid analysis.

**Figure 2.** Parkes/consensus error grid analysis of paired sensor-reference values



• 99.82% of the measuring points fell in A+B zone of Parkes error grid analysis.

#### **Conclusion**

The Glunovo® CGMS showed high accuracy in both monitoring real-time continuous changes and predicting varying trends in blood glucose level. Glunovo® CGMS had excellent accuracy and limited clinical risk compared with venous blood glucose in range of 2.2-22.2 mmol/L (40-400 mg/dL) over 14 days.

\*Ran Meng , Tianwei Gu , Fan Yang , Jie Liu , Qichao Sun, Dalong Zhu "Performance Evaluation of the Glunovo® Continuous Blood Glucose MonitoringSystem in Chinese Participants with Diabetes: A Multicenter, Self-Controlled Trial" Diabetes Ther 2021 Oct 26. doi: 10.1007/s13300-021-01171-2.

### What does Glunovo CGM consist of ?



#### Sensor

- Disposable, 14-day-lasting
- One-click applicator to insert the sensor
- Thin & flexible filament measures glucose of the interstitial fluid
- IP27, daily shower applicable



#### Transmitter

- Reusable, 3 years 'shelf life
- Bluetooth technology to transmit blood glucose information directly to the App
- 3 mins interval for each transmission
- Store 14 days' data

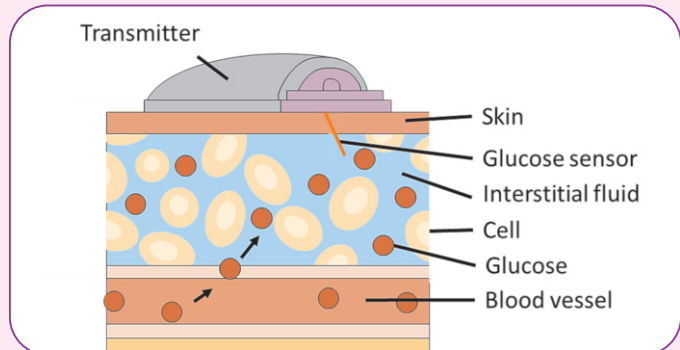


#### Apps & Web portal

- Compatible smartphone with Glunovo App as receiver
- User-friendly, cloud-based web portal to analyze the data and generate reports
- Easy to share with physicians, family and friends

### How does the Glunovo CGM work?

Glunovo CGM works through a tiny sensor filament inserted under your skin on your abdomen. The sensor measures your interstitial fluids glucose (ISF) level, which is the glucose found in the fluid between the cells. The sensor measures glucose every 3 minutes. A transmitter wirelessly sends the information to the smartphone. Blood glucose readings tend to be about 5 to 10 minutes ahead of interstitial glucose readings.



### How easy is it to apply the sensor ?



#### Apply the sensor

Put the applicator onto the abdomen and insert the sensor



#### Attach the transmitter

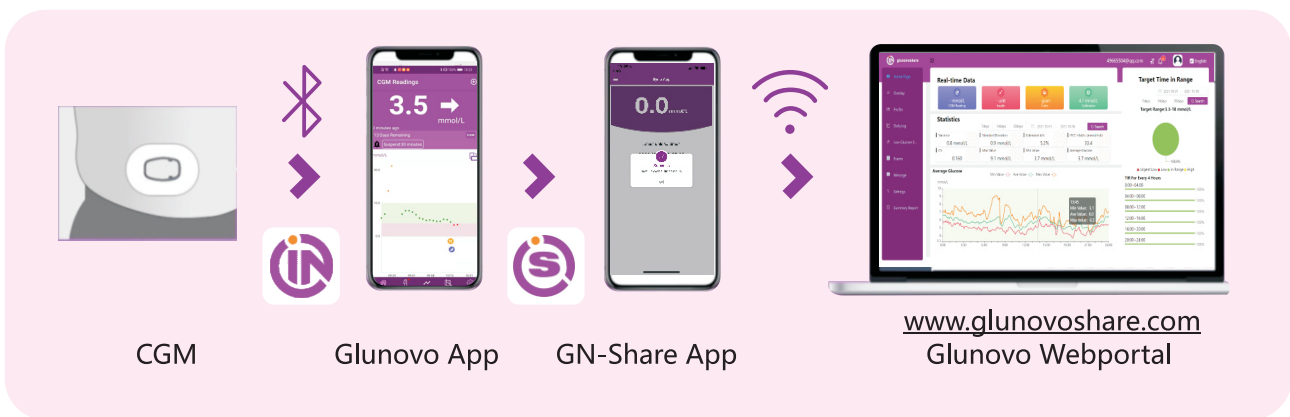
Fix the transmitter into the sensor



#### Set up the App

Pair the App to warm-up, calibrate to start monitoring

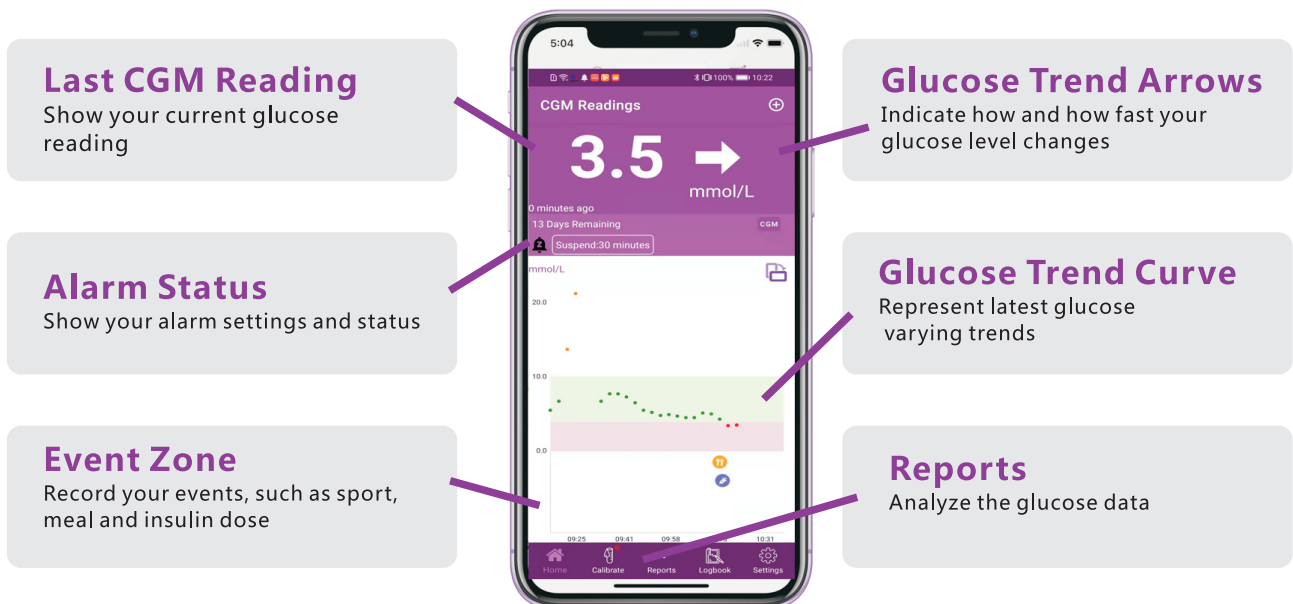
### How are the CGM and Apps connected?



You can download the Apps from App Store or Google Play



### What can I see from the app?

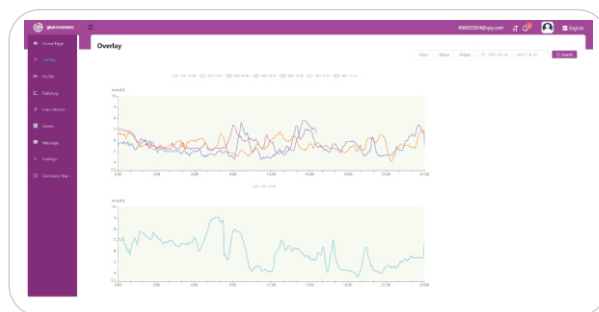




### What kind of reports can I get?

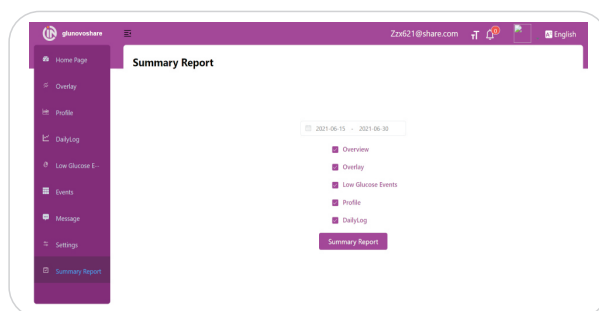
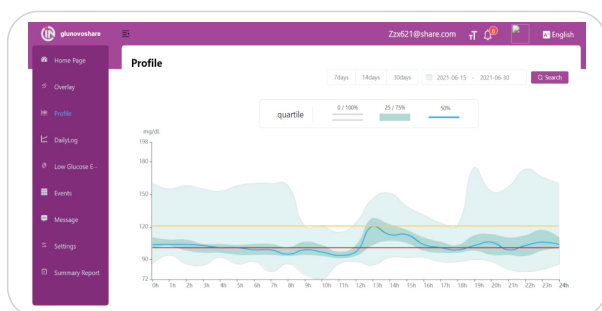
Visit <https://www.glnovoshare.com> to get full reports.

### For patient



### ● Overview Reports

### ● Overlay Reports



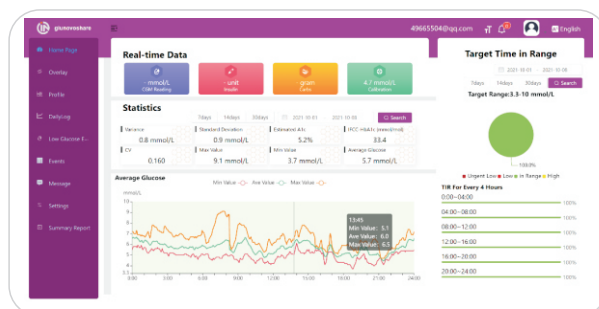
### ● Quartile Reports

### ● Downloads

### For doctor

The screenshot shows the doctor dashboard with the following data:

Email	First Name	Last Name	Status	Operation Date	Operation
Xiaoqian1@eq.com			Approving	2021-10-27 11:28:20	
Lianan1@eq.com			Approving	2021-10-27 11:25:45	
Lianan1@eq.com			Approving	2021-10-27 11:25:15	
Shanhu1@eq.com			Approving	2021-10-27 11:24:20	
fyf@eq.com	1	2	Approving	2021-10-27 11:21:55	
Zzx-Doc-Doc01@eq.com			Approved	2021-10-15 11:32:43	
Zzx021@share.com	1	1	Approved	2021-10-15 11:12:07	



### ● Patient List

### ● Detailed Report

### Sensor



No	Specifications	
1	Measurement range	2.2-22.2 mmol/L (40-400 mg/dL)
2	Effective working time	14 days
3	Calibration method	Glucose meter
4	Sterilization method	Irradiation
5	Rated voltage	D.C 3V
6	Battery lifetime	14 days

### Transmitter



No	Specifications	
1	Display interval	3 min
2	Calibration frequency	2 times/day (24h)
3	Data receiving range	2 m (Obstruction free)
4	Historical data storage capacity	No less than 14 days
5	Classification	Type BF
6	Protection grade	IP27
7	Shelf-life period	36 months
8	Wireless	Bluetooth 5.0, 2402-2480 MHz, GFSK, 0 dBm

\*Infinovo reserves the rights to change the spec.



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Please consult product labels and inserts for complete indications, contradictions, hazards, warnings, precautions and directions for use.

