

Glucojoy PC Software User Guide

Contents

1. Introduction	2
2. System Requirements	2
3. Installation and Setup	2
4. Admin account login	2
5. HCP account login	4
6. Connecting the Glucometer device to PC	7
7. Analytical view	9
7.1 Overview	9
7.2 BG Table	9
7.3 Trend	10
7.4 Meal and bedtime	10
7.5 Standard day	10

1. Introduction

The Glucojoy PC Software is an analytical tool for managing diabetes. Blood glucose testing records uploaded onto the software can be exported in csv file and can also be visually displayed in charts and graphs.

2. System Requirements

Operating System: Windows 7, 8, or 10

Processor : Intel Pentium 4 or above

RAM: at least 2GB

Disk Space: about 100 MB

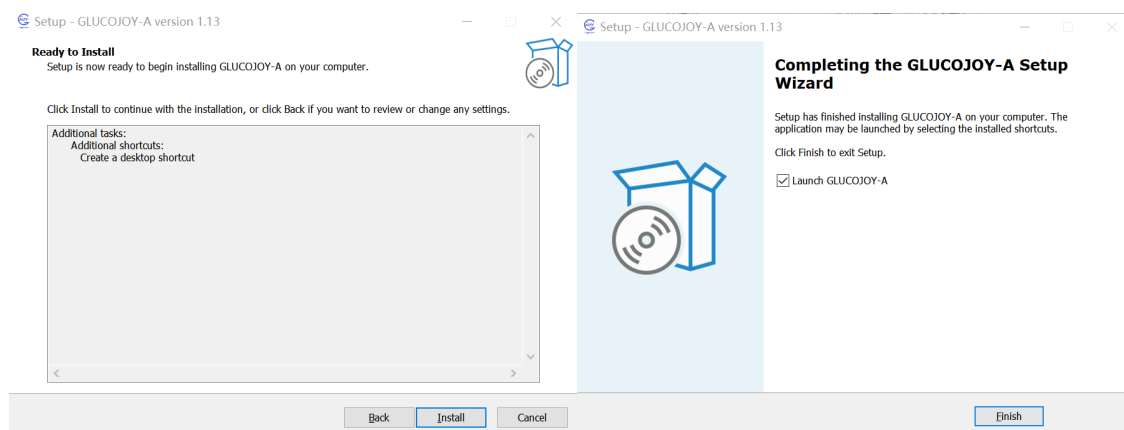
3. Installation and Setup

Double-click on the downloaded file to begin the installation process.

Follow the on-screen instructions to complete the installation process.

Connect the device to the computer using the USB cable provided.

Launch the software and follow the prompts to set up the software.



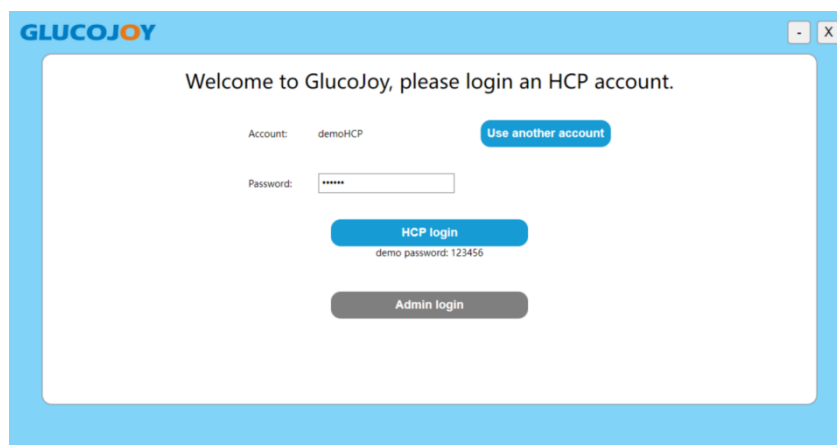
4. Admin account login

There are three kinds of accounts designed for the software:

Admin account: default account used to manage healthcare professional accounts.

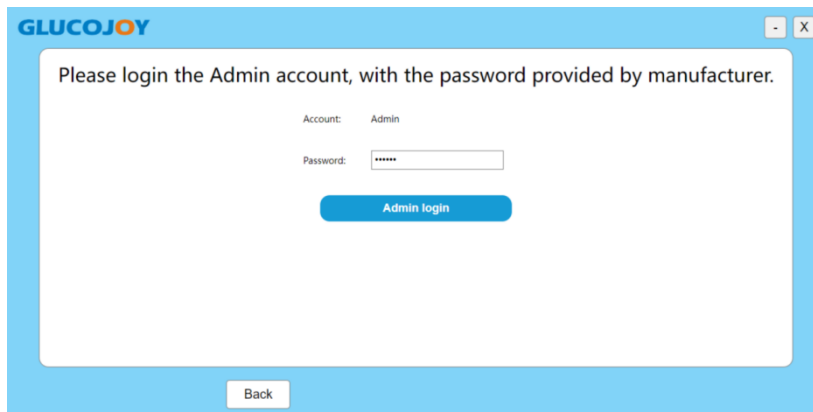
HCP account: healthcare professional (doctor) account, can generate and manage patient accounts.

Patient account: data from glucometer is uploaded and designated to individual patient accounts.



4.1 Admin login

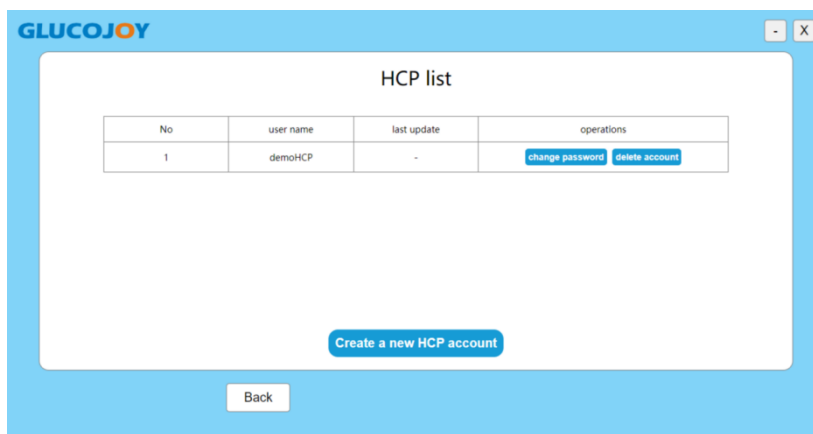
First Enter the password provided by the manufacturer: glucoJ01



The screenshot shows the GLUCOJOY Admin login interface. It features a blue header with the GLUCOJOY logo. The main content area is white and contains the text "Please login the Admin account, with the password provided by manufacturer." Below this text, there are two input fields: "Account:" with the value "Admin" and "Password:" with a masked password "*****". A blue "Admin login" button is positioned below the password field. At the bottom of the white area, there is a "Back" button.

Then click "Admin login" button. Login successful.

Here you can manage the HCP lists.



The screenshot shows the GLUCOJOY HCP list management interface. It features a blue header with the GLUCOJOY logo. The main content area is white and contains the title "HCP list". Below the title, there is a table with the following data:

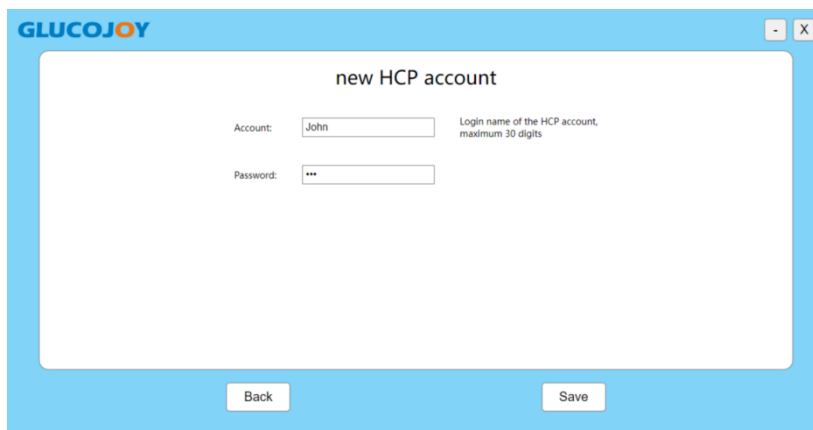
No	user name	last update	operations
1	demoHCP	-	change password delete account

Below the table, there is a blue "Create a new HCP account" button. At the bottom of the white area, there is a "Back" button.

4.2 Manage the HCP lists

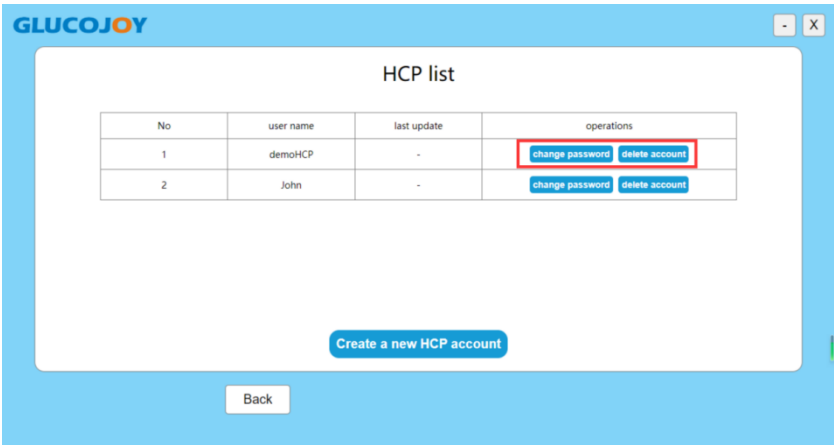
4.2.1 Create a new HCP account

Enter the account name and password, then click "save" button.

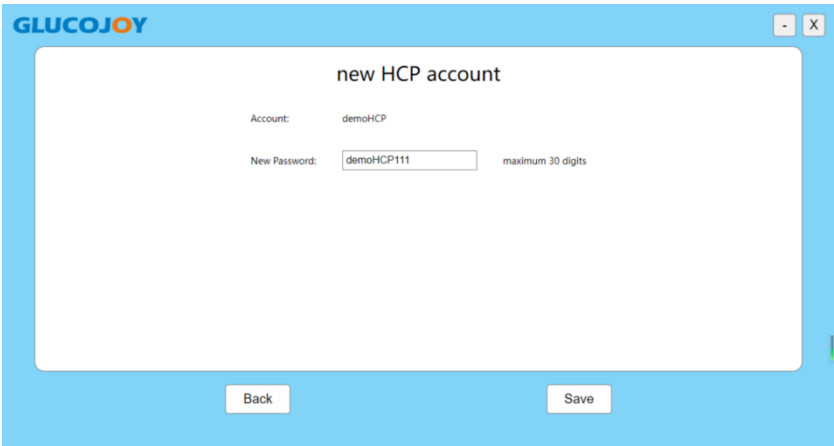


The screenshot shows the GLUCOJOY "new HCP account" creation interface. It features a blue header with the GLUCOJOY logo. The main content area is white and contains the title "new HCP account". Below the title, there are two input fields: "Account:" with the value "John" and "Password:" with a masked password "***". To the right of the "Account:" field, there is a small text label: "Login name of the HCP account, maximum 30 digits". At the bottom of the white area, there are two buttons: "Back" and "Save".

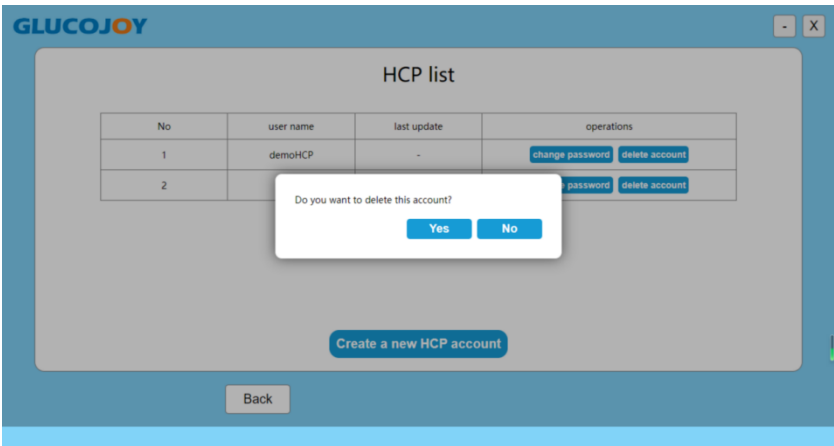
Save successfully, here you can change the password or delete the account.



4.2.2 Change the HCP account password



4.2.3 Delete the HCP account



5. HCP account login

5.1 Choose one HCP account to login

Your last logged-in account is displayed, and you can use another existing account to login.

Welcome to GlucoJoy, please login an HCP account.

Account: demoHCP [Use another account](#)

Password:

HCP login
demo password: 123456

Admin login

Login successfully. Here you can manage patient accounts.

Welcome to GlucoJoy, select or create a patient account to login.

[Create a new patient account](#)

No	user name	last update	operations
1	demoPatient	-	login edit profile delete account

[Back](#)

5.2 Manage the patient accounts.

5.2.1 Create a new patient account

Welcome to GlucoJoy, select or create a patient account to login.

Create a new patient account

No	user name	last update	operations
1	demoPatient	2023-05-04 15:04:21	login edit profile delete account

[Back](#)

Enter the basic information, meal and bedtime and Glucose settings of the patient, then click save.

Target ranges, meal and bedtime settings only applies to the charts and graphs and would not affect the settings on the glucometer.

GLUCOJOY

Basic Information

Meal and Bedtime

Glucose Settings

Account

Room102

Login name of the patient account,
maximum 30 digits

The following information is optional:

First name

1998

Oct

Mon

Tues

Wed

Thur

Fri

Sat

Sun

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

TID

Last name

Gender

Birthdate

1998-10-04

Age:25

Phone

Email

Back

Save

GLUCOJOY

Basic Information

Meal and Bedtime

Glucose Settings

Breakfast:

07:30

Before breakfast period:

2

Hours

Lunch:

12:00

After meal period:

2

Hours

Dinner:

19:00

Before bedtime period:

1

Hours

Bedtime:

23:00

Back

Save

GLUCOJOY

Basic Information

Meal and Bedtime

Glucose Settings

Glucose unit

☒ mmol/L

☐ mg/dL

Target range

Hyper

16

Hypo

3.9

Target range

4.4

-

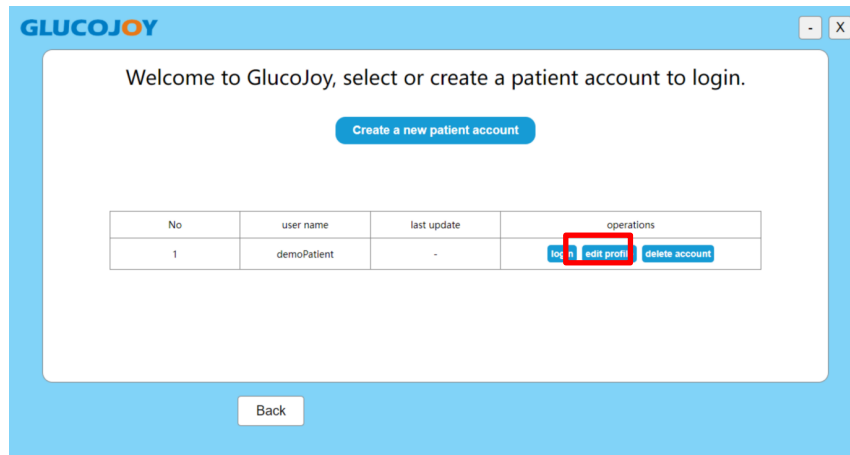
11

Back

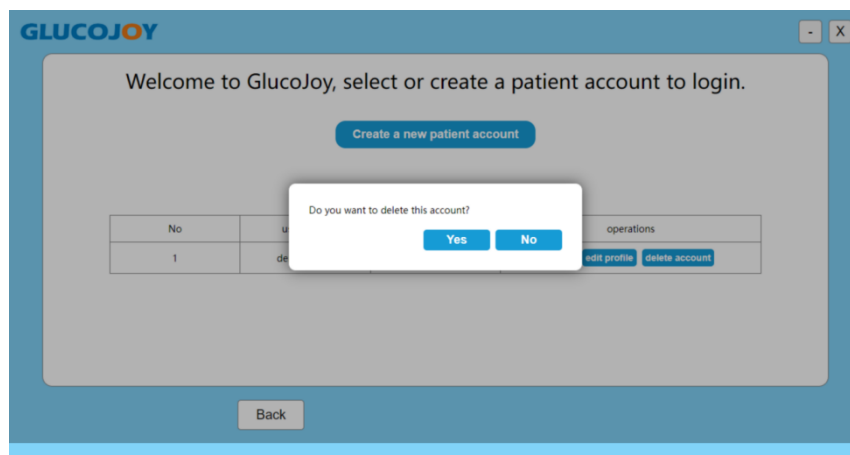
Save

5.2.2 Edit patient profile

Edit the information and settings of an existing patient account.



5.2.2 Delete patient account

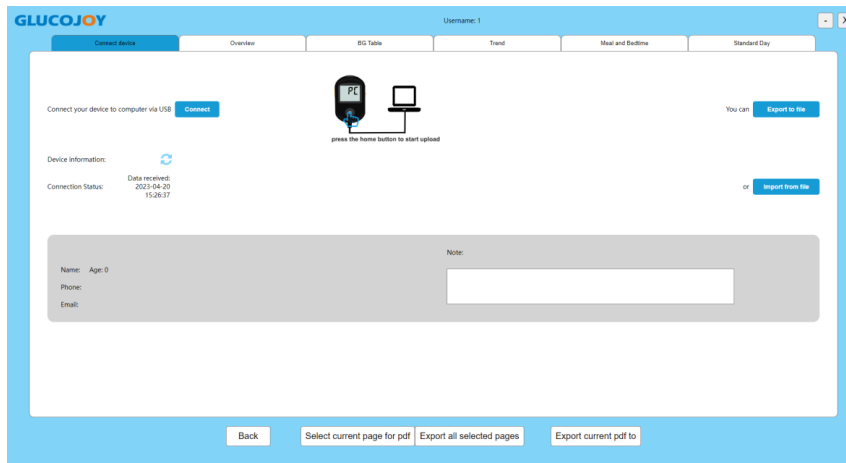


6. Connecting the Glucometer device to PC

Connect the glucometer via USB cable to your computer, make sure that your USB cable can be used for transferring data.

When the cable is connected, with the meter turned off **long press** the home button until the glucometer shows "PC", then press the home button again to confirm connection.

The glucometer shows "YES" and the "Connect" button is lighted. Click the "Connect" button to upload data.



6.1 Export data to file

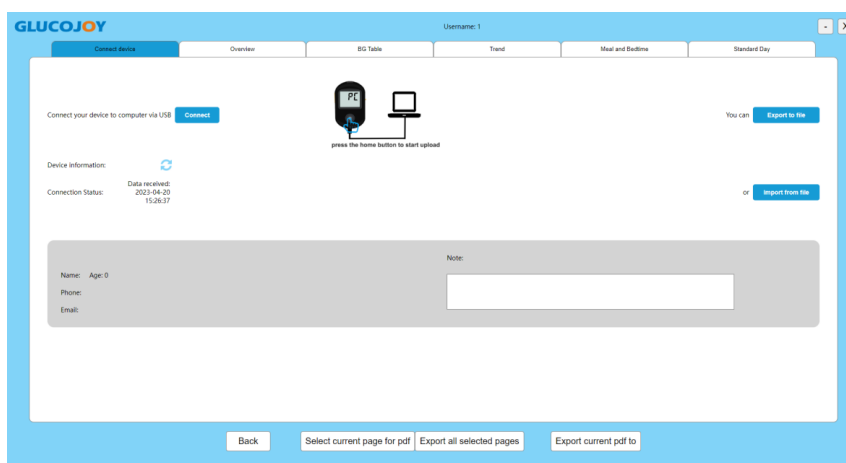
You can save all data of the device locally on your computer as csv file. Click “Export to file” and choose your save-location.

	A	B	C	D	E	F	G	H	I
1	No	Year	Month	Day	Hour	Minute	Value (mg/dl)	Value (mmol/L)	HCT
2	507	2023	12	28	15	24	200	11.1	69
3	171	2023	12	28	8	28	71	3.9	46
4	627	2023	12	27	18	3	62	3.4	25
5	312	2023	12	27	17	39	125	6.9	82
6	938	2023	12	27	6	27	336	18.7	82
7	919	2023	12	26	1	52	104	5.8	51
8	73	2023	12	25	21	32	168	9.3	6
9	610	2023	12	25	21	12	136	7.6	39
10	285	2023	12	25	19	14	83	4.6	70
11	367	2023	12	25	14	8	249	13.8	37
12	544	2023	12	25	12	43	43	2.4	37
13	153	2023	12	25	5	40	346	19.2	15
14	928	2023	12	25	5	8	340	18.9	42
15	449	2023	12	24	23	59	356	19.8	87
16	189	2023	12	24	21	44	151	8.4	61
17	655	2023	12	24	21	23	259	14.4	77
18	981	2023	12	24	11	3	353	19.6	51
19	5	2023	12	24	3	57	341	18.9	25
20	984	2023	12	23	18	21	149	8.3	36
21	518	2023	12	23	13	49	142	7.9	92
22	391	2023	12	22	21	36	56	3.1	89
23	97	2023	12	22	3	2	309	17.2	11

6.2 Import data from file

If you have previously saved local csv file, and want you see graphs and charts using its data. You can click “Import from file”.

You do not need to connect a glucometer when importing saved csv file.

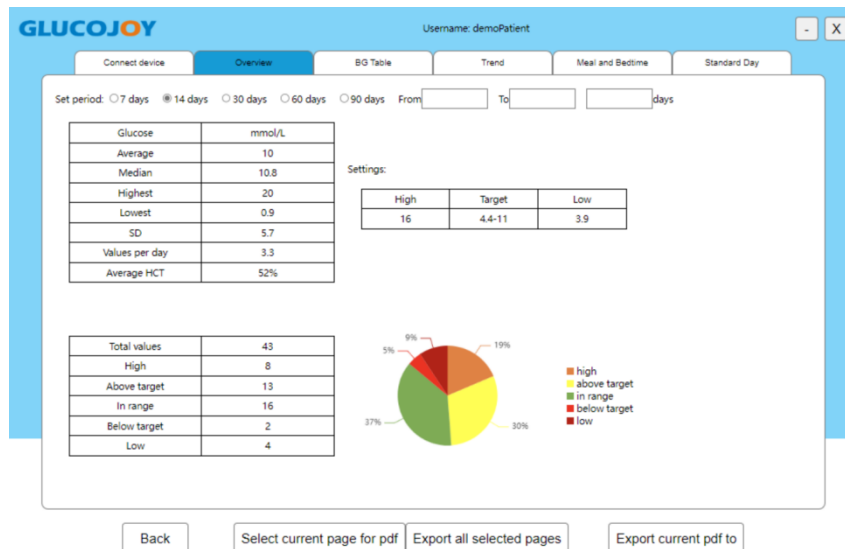


7. Analytic view

After you click the “Connect” button to upload data, you can go on to check the analytical visualization in Overview, BG table, Trend, Meal and Bedtime and Standard Day. Parameters like target range and meal and bedtime in the menus are set according to individual patient account settings.

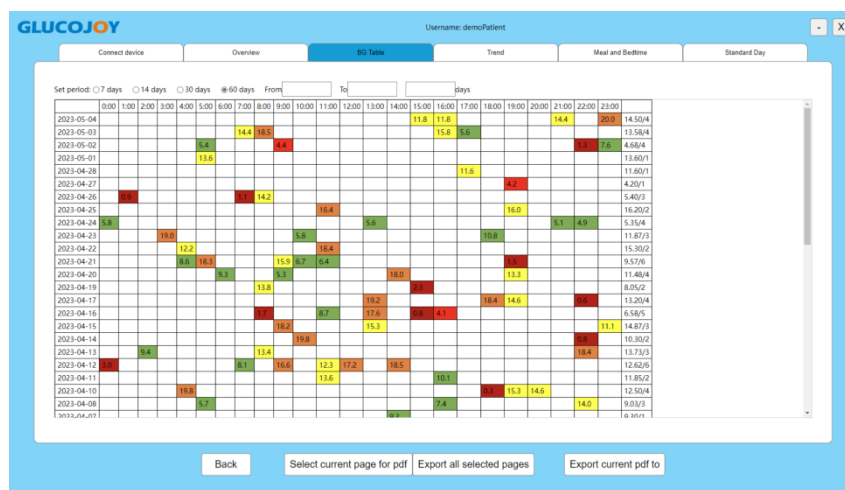
7.1 Overview

You can view the overall statistics in the selected time period.



7.2 BG Table

You can check the blood glucose test records of individual days. Values out of the target range is color-marked.



7.3 Trend

You can view the tendency of blood glucose over several days.



7.4 Meal and bedtime

You can view statistics of certain periods of a day over several days.



7.5 Standard day

Blood glucose values of the selected periods and mapped on a 24-hour scale, you can check the dispersion and discrepancies in an amplitude view.

