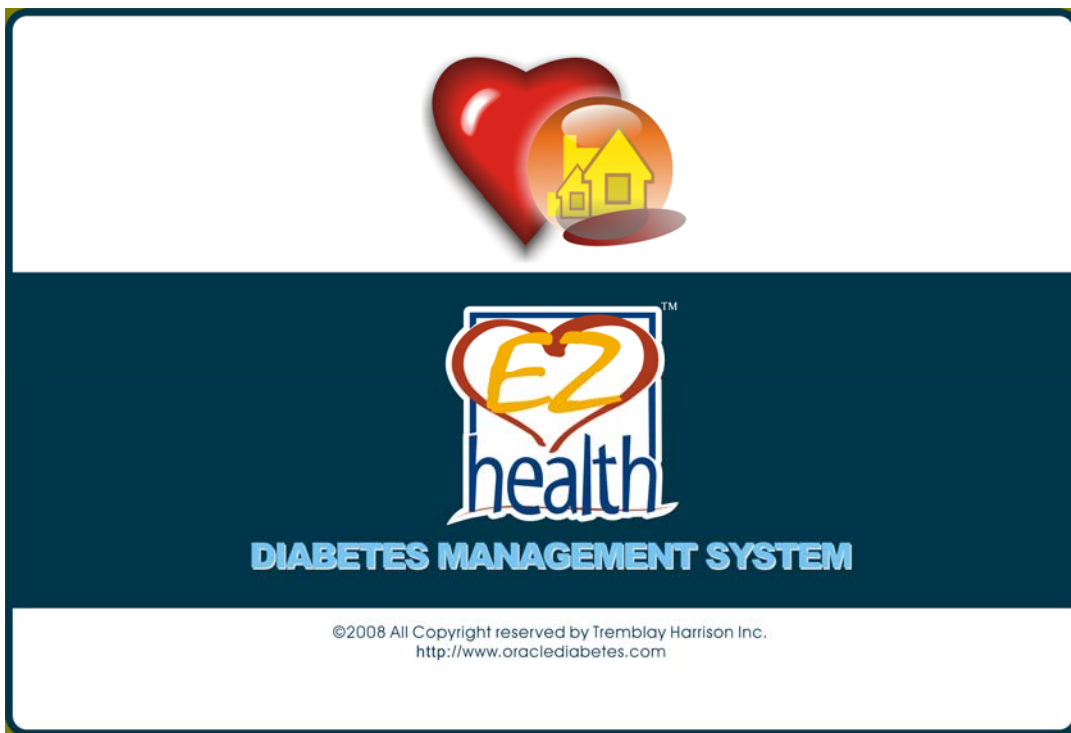


Oracle™



Version 1.2

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EZ Health™ Oracle™ Diabetes Management System

Introduction

The EZ Health™ Oracle™ Diabetes Management System is a personal computer (PC) software application that allows users to upload test data from meters, store the data in the Diabetes Management System application and analyzes the data by graphs and other software tools. The EZ Health™ Oracle™ Diabetes Management System is intended for use in home and clinical settings as an aid for users and their health care professionals to review, analyze and evaluate the historical test results to support health management effectively.

Warnings

- ▶ The EZ Health™ Oracle™ Diabetes Management System does not recommend your therapy instruction. Before determining and using the blood glucose report, please consult your Health Care Professional.
- ▶ To avoid the possibility of electrical shock, never perform a blood glucose test while the meter is connected to the computer.
- ▶ Upload data into a user's name only if the meter contains only that person's data. The software cannot upload a specific portion of data from a meter if data is intermixed with the data from another person.

Hardware Requirements

The requirements for the EZ Health™ Oracle™ Diabetes Management System are:

- Personal computer with 400 megahertz (MHz) or higher processor clock speed recommended; the software does not run on Apple computers.
- Random access memory (RAM) of 64 megabytes (MB) or more recommended.
- Available hard disk space of 30 MB for running the program.
- Microsoft® Windows 98, SE, 2000, NT, ME, XP, Vista, 7 operating systems.
- Monitor with 1024 x 768 or higher resolution.
- Keyboard and mouse.
- available USB port for device connection
- Optional Requirements
 - Windows-compatible printer (required if you want to print copies of reports).

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Installing EZ Health™ Oracle™ Diabetes Management System

EZ Health™ Oracle™ Diabetes Management System is free, downloaded from <http://www.oraclediabetes.com/> (go to the Software Download page) or available on the CD included with your monitor.

Web Based Install

1. Go to EZ Health™ Oracle™ Diabetes Management System website. Go to the Software Download page.
2. Download EZ Health™ Oracle™ Diabetes Management System into your PC. The File Download will display on your screen.
3. Click “Run” button to install the software into your PC. Follow the step-by-sep procedures to finish the installation. Go To Step 4.

CD Based Install

1. Locate the “Software” directory on your CD
2. Double Click the file “EZ_Health_Oracle_Diabetes_Software.exe”
3. Follow the step-by-step procedures to finish the installation.
4. Once the installation is successful, the “Installation Complete” screen displays. Click the “Close” button to exit this installation.
5. The EZ Health™ Oracle™ Diabetes Management System icon appears on your desktop, and the EZ Health™ Oracle™ Diabetes Management System are added to your PC’s Programs list.

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Connecting a Meter to Your PC

Before you download the historical data from the meter to your PC or before you do the instrument setting, you have to connect the meter to your PC according to the following steps:

1. When the meter is off, connect the one end of the interface cable to the meter data port.
2. Connect the other end of the interface cable to the USB port on your PC.
3. “PC” will be shown on the blood glucose meter. The communication between the meter and your PC is ready.
4. Open the program to start download or instrument setting.

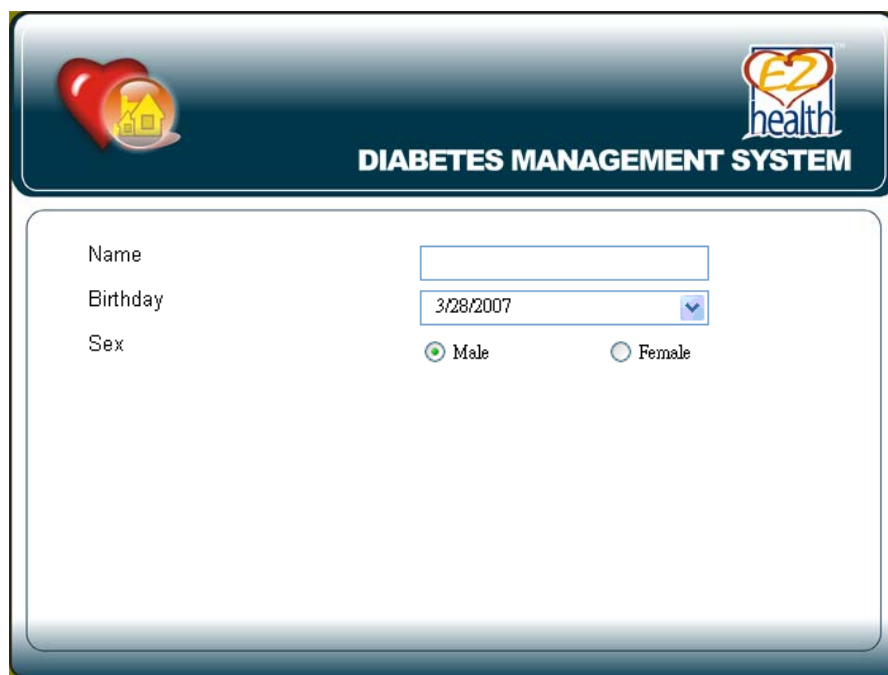
Note: If you have difficulties connecting the Glucose Monitor to your computer running Windows 98, SE, ME, 2000, NT or XP, or Vista(32) you may need the USB driver software for the USB cable. You can download the driver for free, from <http://www.oraclediabetes.com>. Go to the Software Download page. The drivers are also on the CD included with your monitor.

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Using EZ Health™ Oracle™ Diabetes Management System



After installation, you must first enter the user profile before using the software.

1. Launch the software by double-clicking the System icon on your PC's desktop. The user setting screen shows (Figure 1).




The screenshot shows the user profile setup screen for the Diabetes Management System. The title bar at the top contains a red heart icon with a house inside, the EZ Health logo, and the text "DIABETES MANAGEMENT SYSTEM". The main content area has a white background with a blue border. It contains three input fields: "Name" with an empty text box, "Birthday" with a date picker showing "3/28/2007", and "Sex" with two radio buttons, "Male" (which is selected) and "Female".

Figure 1

2. Type your name and select your birth data and sex. The Name is limited to 50 characters long. Click  button to continue.
3. The Software Setting screen displays. Set the desired setting by selecting items from the drop-down box . For communication port, you can click the “Autodetection” option for automatically locating the correct COM port of your meter.

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4. After completing all items, click  button to finish setting. The double confirm window will jump out. Click “OK” button to save the information you filled in. Then the main menu shows (Figure 2).

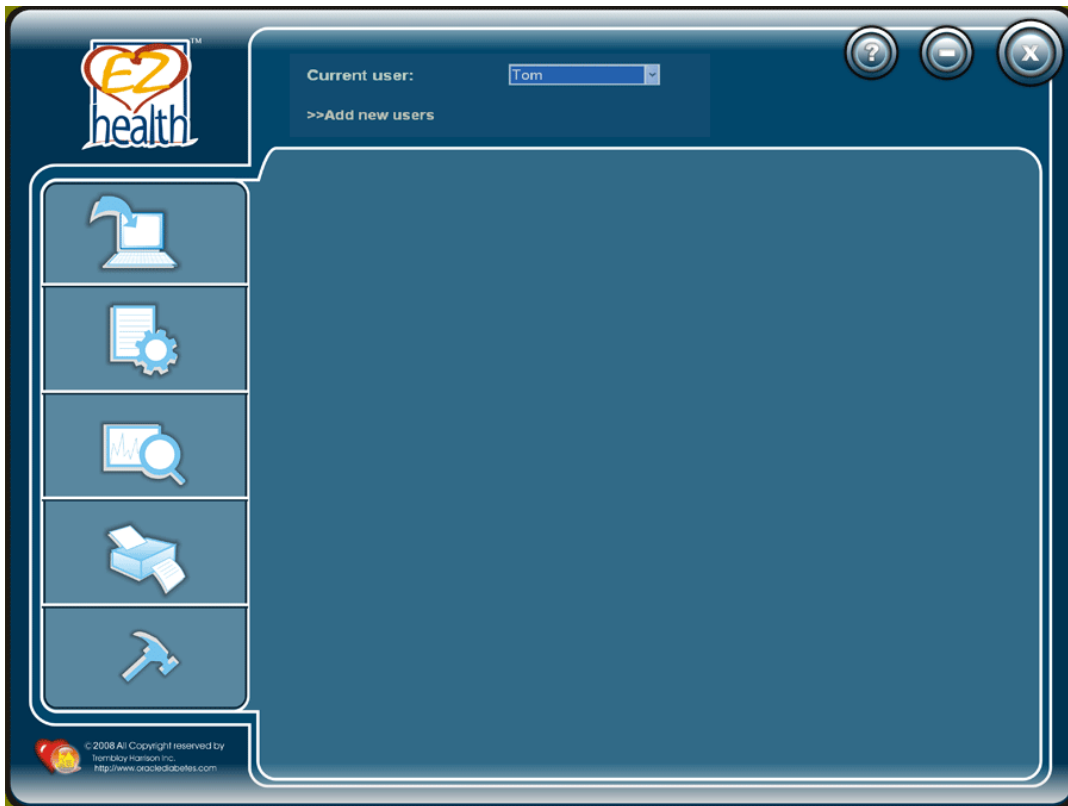


Figure 2

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Using the Setting Menu

↳ *Personal Setting*

The personal setting screen contains two tabs: personal information and measurement interval. Parameters set under the personal setting will be reflected when you review your test data.

↳ *Personal information*



In the main menu, point to  and then click to the “Personal Setting” button (Figure 3). Personal information screen shows first. You can enter settings by clicking on  or typing numbers.

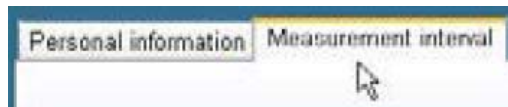
Figure 3








↳ *Measurement interval*

This program provides users to organize data according to eight intervals set in this menu.

1. Select the Measurement interval tab.



2. Select AM or PM first by clicking  or .
3. Change the hour and the minute by directly click on it. Then directly type the desired number or click  or  to make changes.
4. Click  button to save your information. The double confirm window will jump out. Click “OK” button to save the information you filled in.

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↳ **Instrument Setting**




The Instrument Setting allows you to do meter settings from your PC, including meter's memory deletion and time setting.

↳ **Delete the meter's memory**

1. Click the Instrument Setting button (Figure 4). Delete the meter's memory screen shows with step-by-step procedures.



Figure 4




2. For Step 1, follow page 3 to connect the meter to your PC. At Step 2, select the instrument. For communication port, you can select "Autodetection" option for automatically locating the correct COM port of your meter.
3. Click  button. The confirm window will jump out. Click "OK" button to go to Step3.
4. In Step3 screen, click  button to delete the meter's data. The double confirmation window then jumps out. Click "Yes" button to delete the meter's data or click "No" button to return to the previous screen.
5. After you click "Yes" button, the meter's data is completely cleared. Click  button to return to the Delete the meter's memory screen.

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↪Set the meter's time

1. Select the Set the meter's time tab in the Instrument Setting screen. Then it shows step-by-step procedures.



2. For Step 1, follow page 3 to connect the meter to your PC. At Step 2, select instrument. For communication port, you can select "Autodetection" option for automatically locating the correct COM port of your meter.
3. Click  button to continue. The confirmation window then jumps out. Click "OK" button to continue the next step.
4. In the Step3 screen, two options can be selected. Clicking on "Time" allows you to match the meter clock time with your PC clock time. Clicking on "Time Setting" allows you to set the meter clock by directly typing the desired number or by clicking .
5. Click  button to save the settings. The time setting is complete.

↪Software Setting



The Software Setting allows you to set the display of the software, including languages and units. Those setting will be shown when you review data in this software system. Click Software Setting button (Figure 5) and the screen displays. Select the desired setting by clicking . Click  button to save the setting you made.



Figure 5

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Using the Download Menu

This software allows you to download the data from the meter to the personal computer. Check the current user first before download.






1. In the main menu, click  and the screen shows the step-by-step procedures as per Figure 6.



Figure 6

2. For Step 1, follow page 3 to connect the meter to your PC. At Step 2, select instrument. For communication port, you can select “Autodetection” option for automatically locating the correct COM port of your device.
3. Click  button and the confirm window then jumps out. Click “OK” button to go to the next step.
4. Step 3 screen shows. Select how many test results you want to download by clicking . Eight options are provided. If the data number on the meter’s memory is less than the number you selected, all the data will be transmitted from the meter into the software.
5. Click  button to start transmitting data into the software (Figure 7). Or you can click  button to return to the previous screen.

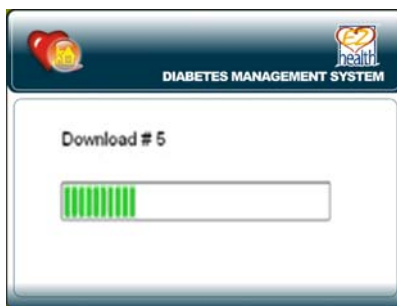
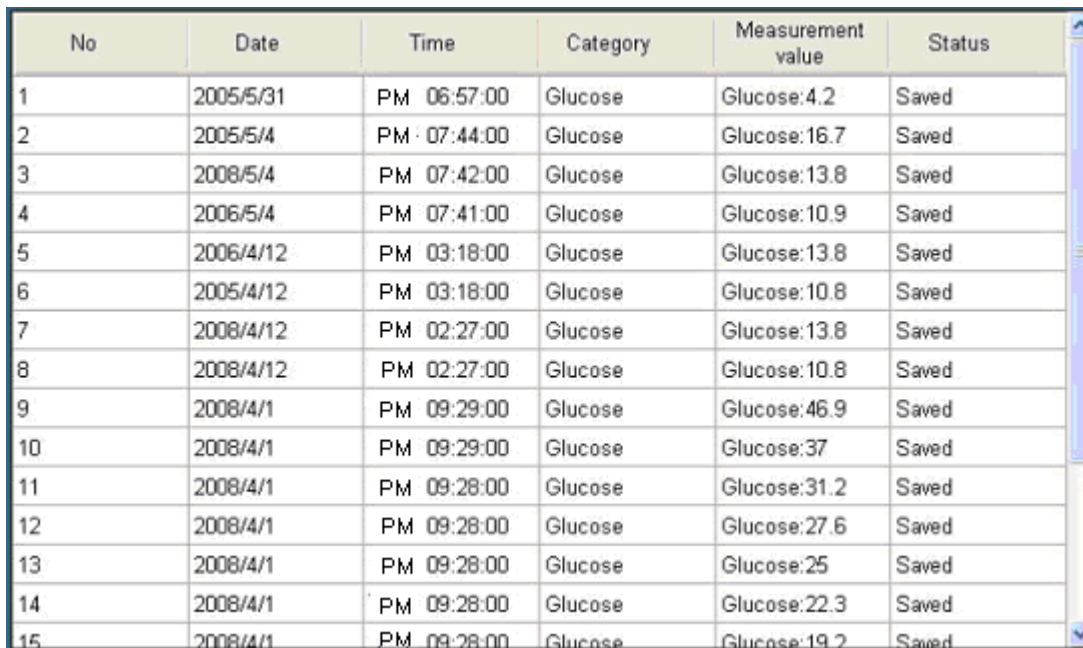


Figure 7

EZ Health™ Oracle™ Diabetes Management System

6. When completing transmission, all data will be shown on the screen as Figure 8. For “Status” column, if the data is first time transferred, “Saved” is shown. If the data has been previously saved in the software, “Exist” is shown.



No	Date	Time	Category	Measurement value	Status
1	2005/5/31	PM 06:57:00	Glucose	Glucose:4.2	Saved
2	2005/5/4	PM 07:44:00	Glucose	Glucose:16.7	Saved
3	2008/5/4	PM 07:42:00	Glucose	Glucose:13.8	Saved
4	2006/5/4	PM 07:41:00	Glucose	Glucose:10.9	Saved
5	2006/4/12	PM 03:18:00	Glucose	Glucose:13.8	Saved
6	2005/4/12	PM 03:18:00	Glucose	Glucose:10.8	Saved
7	2008/4/12	PM 02:27:00	Glucose	Glucose:13.8	Saved
8	2008/4/12	PM 02:27:00	Glucose	Glucose:10.8	Saved
9	2008/4/1	PM 09:29:00	Glucose	Glucose:46.9	Saved
10	2008/4/1	PM 09:29:00	Glucose	Glucose:37	Saved
11	2008/4/1	PM 09:28:00	Glucose	Glucose:31.2	Saved
12	2008/4/1	PM 09:28:00	Glucose	Glucose:27.6	Saved
13	2008/4/1	PM 09:28:00	Glucose	Glucose:25	Saved
14	2008/4/1	PM 09:28:00	Glucose	Glucose:22.3	Saved
15	2008/4/1	PM 09:28:00	Glucose	Glucose:19.2	Saved

Figure 8

7. Disconnect the meter from the personal computer. Then click the Data menu or the Graph menu to do analysis now.

Note:

While the meter is connected to the PC, it is unable to perform a blood glucose test.

EZ Health™ Oracle™ Diabetes Management System

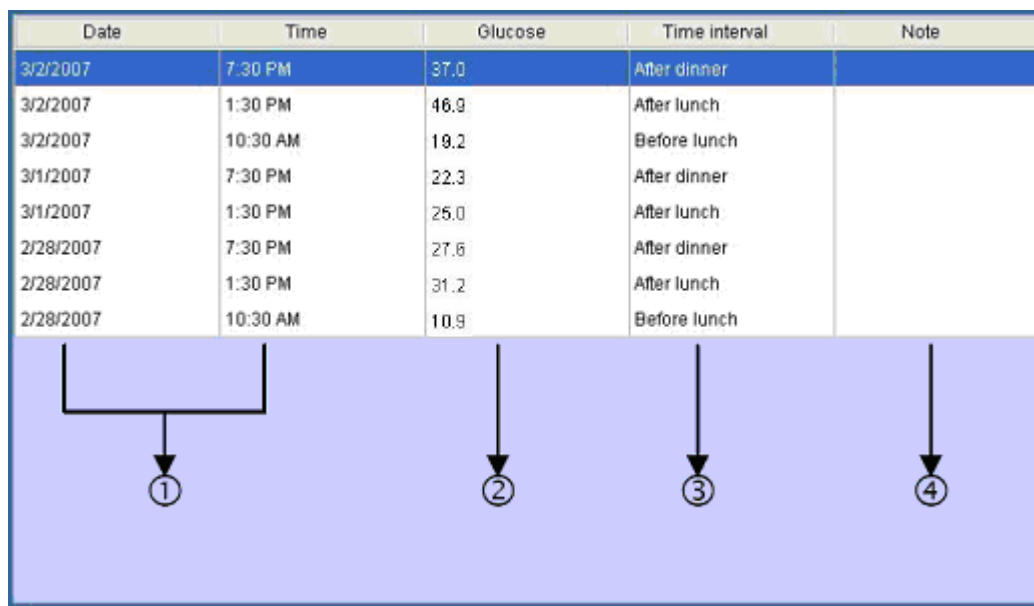
Using the Data Menu

In the menu, you can view the blood glucose data in the tabular form.

Point your mouse to  to start this function.

↪ *Format of BG data*

Click BG Data button, the screen shows as Figure 9.



Date	Time	Glucose	Time interval	Note
3/2/2007	7:30 PM	37.0	After dinner	
3/2/2007	1:30 PM	46.9	After lunch	
3/2/2007	10:30 AM	19.2	Before lunch	
3/1/2007	7:30 PM	22.3	After dinner	
3/1/2007	1:30 PM	25.0	After lunch	
2/28/2007	7:30 PM	27.6	After dinner	
2/28/2007	1:30 PM	31.2	After lunch	
2/28/2007	10:30 AM	10.9	Before lunch	

Figure 9 shows a table of blood glucose data. Below the table, a light blue shaded area contains four callouts: 1. A bracket under the 'Date' and 'Time' columns points to a circled '1'. 2. An arrow under the 'Glucose' column points to a circled '2'. 3. An arrow under the 'Time interval' column points to a circled '3'. 4. An arrow under the 'Note' column points to a circled '4'.

Figure 9

Column	What it means
1. Date and time	Show date and time of the data transferred from the meter's memory.
2. Glucose	Glucose readings transferred from the meter's memory.
3. Time interval	Reflect what you select from "Measurement interval".
4. Note	Double click the selected column and type the information of the data for your record.

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


↪ *Construct your BG data*

1. Click BG Data button and the screen shows as Figure10. Select the date interval or a specific date range to organize your data.




The screenshot shows a blue header bar with three radio button options and a dropdown menu. The first option, 'Select the date interval', is selected and has a dropdown menu showing 'Last month'. The second option, 'Select a specific date range', is unselected and has two date input fields: '2/15/2007' and '3/15/2007', separated by a tilde '~'. The third option, 'Measurement interval', is unselected and has a dropdown menu showing 'All'. A blue 'OK' button is located on the right side of the bar.

Figure 10

2. If you select the date interval. Click  and five intervals shows from the drop-down list. Click  button and your data will be presented at the interval you selected.
3. If you select a specific date range. Directly type the desired date or click  to select the desired date and the desired measurement interval.
4. Click  button to confirm. The data will be presented at the specific interval you selected.

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Using the Graph Menu

In this menu, you can view the blood glucose data in a graph. Point your mouse to  to start this feature.

↪ *Format of BG graph*

Click BG Graph button, the screen shows as Figure 11.

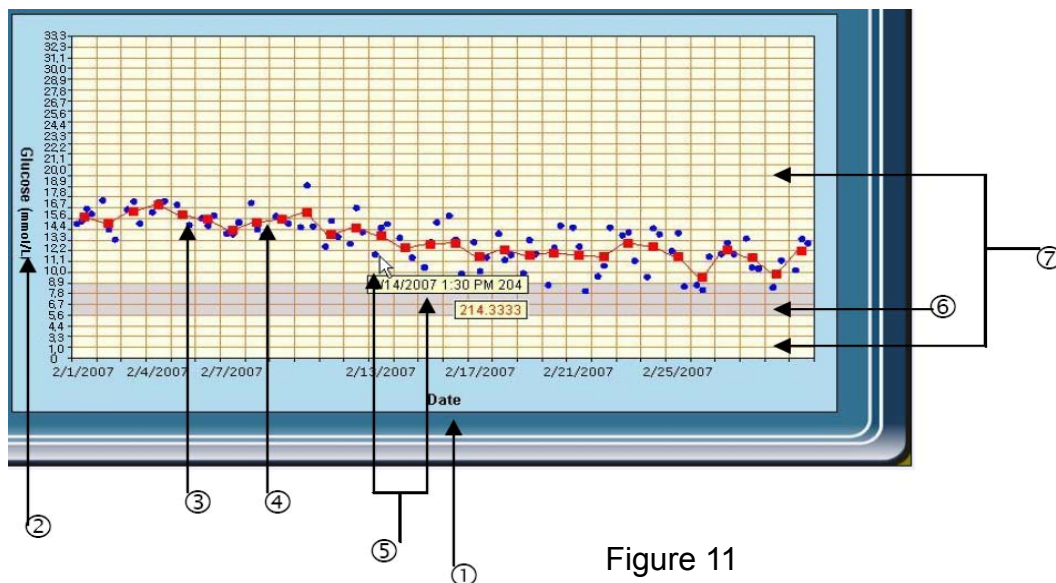


Figure 11

Item	What it means
1. Date	X-axis reflects the unit you chose from “Grouping Unit”, including date, time, day and measurement interval.
2. Glucose (mmol/L)	Y-axis shows the glucose unit you chose from “Software setting”.
3. Data point	The red dot “●” stands for the individual glucose readings.
4. Data average point	The blue square “■” stands for the average of individual glucose readings in each column.
5. Data information	Point to the dot and data information displays. The data information will display two boxes, one box for date and time, another for the blood glucose value.
6. Target range area	Gray area reflects the glucose level you set in “Personal setting”.
7. Out of target area	Appears in light yellow color. It reflects the range beyond target you set.

EZ Health™ Oracle™ Diabetes Management System

↪ *Construct your BG graph*

1. Click BG Graph. Select the date interval or a specific date range to organize your data (Figure12).



The screenshot shows a blue-themed interface with four rows of selection options. The first row has a radio button selected next to 'Select the date interval' and a dropdown menu showing 'Last month'. The second row has a radio button selected next to 'Select a specific date range' and two date input fields: '2/15/2007' and '3/15/2007', separated by a tilde '~'. The third row is labeled 'Measurement interval' with a dropdown menu showing 'All'. The fourth row is labeled 'Grouping Unit' with a dropdown menu showing 'Date'. On the right side of the form is a rounded rectangular button with the text 'OK' in blue.

Figure 12

2. If you select the date interval. Click and five intervals show in the drop-down list. Select the desired one.
3. If you select a specific date range. Select a specific date by clicking or directly typing the number. Then select measurement interval by clicking . Next, determine the grouping unit by clicking , which will be reflected in the X-axis.
4. Click button to confirm. The data will be presented at the specific interval you selected.

Using the Print Menu

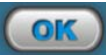

In this menu, you can print out the reports according to the measurement interval you selected.

Point to  to start this feature.

1. Click the Print Data (BG) button and the screen shows as Figure 13. Select the date interval or a specific date range at first.



Figure 13

2. If you select the date interval. Click and five intervals show in the drop-down list. Select the desired one.
3. If you select a specific date range. Click and select the desired date, or directly typing the number. Select the measurement interval. Click and 8 intervals show in the drop-down list. Select the desired one.
4. The Report name is set as a default by the program. Select the grouping unit by clicking .
5. Click  button to confirm. The blood glucose report shows and presents according to the options you selected.
6. Click  (from the toolbar in the top) to print out the report.

Note:

1. You cannot save the Blood glucose report in your PC. This report is only for printing.
2. This report does not provide treatment recommendations. Before determining and using this report, please consult your Health Care Professional.