



**Diabetes Management Software**

**User's Guide**

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# Preface

## Software Overview

The **GlucoManager™ Diabetes Management Software** is a versatile tool. It allows you to be more informed, and in turn, make more healthy lifestyle choices.

The **GlucoManager™ Diabetes Management Software** tracks diabetes related health information including graphs, charts and reports. It can help both patients and healthcare professionals (HCP) evaluate needs for a diabetes health management program.

The **GlucoManager™ Diabetes Management Software** allows you to download test results from supported glucose meters. The **GlucoManager™ Diabetes Management Software** displays trends and patterns in glucose readings.

## Intended Use

The **GlucoManager™ Diabetes Management Software (GDMS)** is intended for use at home and clinical settings to aid people with diabetes and their healthcare professional in the review, analysis and evaluation of blood glucose test results to support effective diabetes management. This device is not intended to provide any diagnosis based upon patient results.

## Purpose and Scope

This User's Guide provides computer, installation and configuration information. It also includes steps for downloading and importing data for viewing reports, so that you can share information via the **GlucoManager™ Diabetes Management Software**. This guide also provides instructions for managing system data integrity, troubleshooting and obtaining technical support.

## Computer Requirements

The following are the minimum requirements for the **GlucoManager™** operation.

Operating systems:

Microsoft® Windows® 7

Microsoft® Windows® Vista

Microsoft® Windows® XP

Intel Pentium II 300 MHz CPU or higher

32 Megabytes (MB) or greater of RAM

COM port

The following components are needed or recommended for the optimal use of **GlucoManager™** features :

- Internet connection
- E-mail account
- 1024 x 768 resolution monitor
- The best DPI is 96.

## Technical Support

Please contact Customer Care if you need assistance with this User's Guide or the **GlucoManager™**.

- The toll-free phone number is 866-994-3345 in the USA.
- Customer Care is available 10 hours per day, Monday-Friday from 8:00 a.m. to 6:00 p.m. (Eastern Standard Time).

# 1. Introduction

The **GlucoManager™** allows you to take a more informed role in managing diabetes by acting as a data management tool. This section introduces the **GlucoManager™** features, installation options, user roles and activities, terminology and day-to-day procedures. All users should read this section to understand key features, capabilities and different ways that you can use the **GlucoManager™**.

## 1.1 Overview of Home User Activities

The **GlucoManager™** allows you to download, record, store, analyze and share important health information.

The following is an overview of typical, routine use of the **GlucoManager™** for home users:

- Download test results from your blood glucose meter to the **GlucoManager™**.
- View graphs, charts and reports. It will help you understand and track the progress for your health management plan.

## 1.2 GlucoManager™ Terminology

The following terms are used in the **GlucoManager™** and this User's Guide:

### **Individual management**

Personal use or Healthcare Provider use this function to monitor specific patient's glucose data.

### **Multiple management**

Doctor, Nurse or Healthcare Provider: use this version if you have multiple patients or consumers.

### **Data –**

Recorded by any supported medical device and downloaded to the **GlucoManager™**.

### **Profile –**

Personal and medical information is recorded.

### **Reports –**

Through charts, graphs, and tables.

## 1.3 Messages in this Guide

**CAUTION** and **IMPORTANT** messages are included throughout this User's Guide. These messages warn you to pay attention to specific instructions when using the **Glucomanager™**. Before using this software, please read each message included in the User's Guide. Always ask for the HCP advice making any change in your lifestyle or taking any medicine.

The following list explains the meaning and purpose of each:

**CAUTION** indicates possible hazards that can cause harm to yourself, or to your patients.

**IMPORTANT** indicates that inconvenience to you may result if you do not follow instructions.

## 1.4 Package Contents

The **Glucomanager™ Diabetes Management Software** includes the following accessories.

- **Glucomanager™ CD:**
  - Installation Software
  - Electronic files for the following:
    - User's Guide
    - Readme File
- **Glucomanager™ Cable:**
  - Connect a meter to PC.

### Note:

1. A software driver will either need to be installed on the device or installed on your computer.
2. The software driver enables **Glucomanager™** to recognize a new device and let data transfer to your computer.

## 2. Installing the GlucoManager™

This section provides details to use the **GlucoManager™**.

### 2.1 Overview

Before installing the **GlucoManager™** CD, please read the User's Guide first.

### 2.2 Procedure

**Before you install the GlucoManager™**

- Verify computer requirements as listed in the “**Preface**”.
- Save all information and close all running applications.

**Note:**


1. **Please have your CD available.**
2. **If you want security access, please set up your user code in your computer.**



## 2.3 Installing the GlucoManager™

These steps correspond to the **GlucoManager™** installer dialog boxes, which provide additional instructions.

Step 1. Start the installer.

- Insert the CD-ROM into the drive. (Most computers start installation automatically.)
- Or double-click on the icon of “  ” installer file. (**GlucoManager™\_Setup.exe**)

Step 2. Welcome Page –

Read the welcome page. Click **Next** to continue or **Cancel** to quit.

Step 3. Select Destination Location –

Verify the installation folder. We recommend that you keep the preselected folder. (If required, click **Browse** to select another folder.) Click **Next**.

Step 4. Select Start Menu Folder–

Verify the installation folder. We recommend that you keep the preselected folder. (If required, click **Browse** to select another folder.) Click **Next**.

Step 5. Select Additional Tasks –


Create a desktop icon or a quick launch icon. Click **Next**.

Step 6. Ready to Install–

Click **Install** to proceed. Alternatively, click **Back** to make changes in previous dialog boxes. Or click **Cancel** to stop the installation.

Step 7. Success Message –

Installation is complete. Click **Finish** to exit setup.

Step 8. The **GlucoManager™** icon  is placed on your desktop and in your Start Menu.

## 2.4 Uninstalling the GlucoManager™

Step 1. Click **Start > Program file > GlucoManager™ > uninstall**.

Step 2. Click **OK** to uninstall. Or click **Cancel** to stop uninstall.

## 2.5 Starting to Use the GlucoManager™


After successfully install the **GlucoManager™**, you can start to run the software.

Step 1. Please turn on your meter.

Step 2. Connect your meter and the computer through the interface cable.

Step 3. Insert the interface cable into the computer's COM port.

Step 4. If the **GlucoManager™**, proceeds to auto-run, you can click any buttons on the program home page.

Step 5. If the **GlucoManager™** doesn't proceed to auto-run, you can click on the icon of  .



### 3. Interface Introduction

#### 3.1 The Program Home

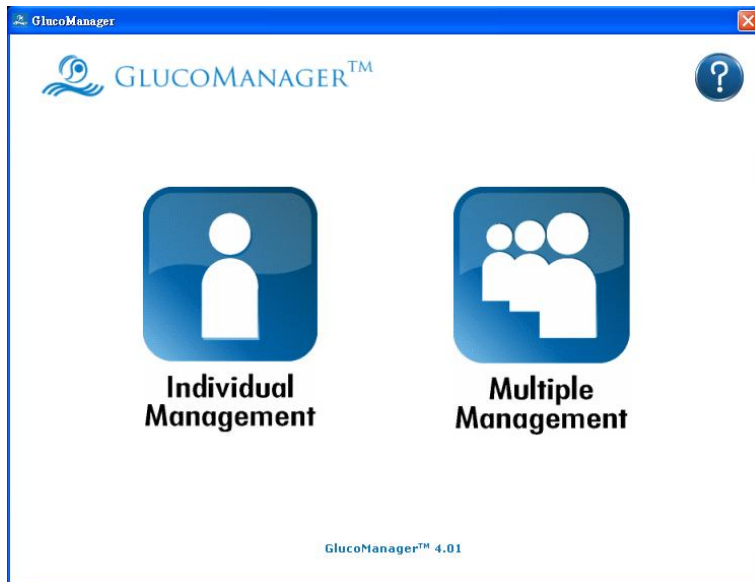
To check personal or specific patient's profile, glucose data, reports or download data from the personal use meter.

Click on the button of **Individual management**, the function of individual management starts.

To download multiple patients' glucose data or have a quick view multiple patients' glucose summary report.

Click on the button of **Multiple Management**, the function of multiple management starts.

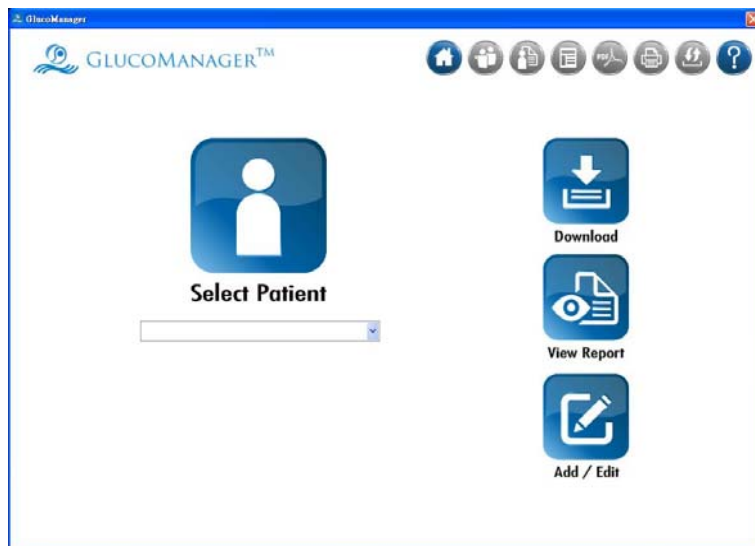
Figure 3.1 Home







## 3.2 Individual Management

When you start using the Individual Management function, the screen shows three different functions of **Download**, **View Report**, **Add/Edit**. Click on three of them to activate the required function.

Figure 3.2 Individual Management



## Function Description of Individual Management

When you see this:	You can:
	<p>Search the ID No. you want to <b>Download data</b> / <b>View report</b> / <b>Edit</b> profile by entering the ID No. or click the arrow, select a patient you want from the drop list and then click the related function.</p>
	<p>Download Glucose data from the Meter to <b>GlucoManager™</b> database, you can select the patients you want to download data to by</p> <ul style="list-style-type: none"> <li>• Enter the ID No. in the text box</li> <li>• Select the ID No. from the drop list</li> <li>• Enter the Meter serial No. to the patient's profile. When you setup the patient's profile, click on the download button directly, and then the program starts to download the patient's data automatically according to the setting.</li> </ul> <p><b>Note : Please make sure you connect the meter with your computer before you click on the "Download" button.</b></p>
	<p>View different kinds of glucose reports for the patients, you can select the patients by</p> <ul style="list-style-type: none"> <li>• Enter the ID No. in the text box</li> <li>• Select the ID No. from the drop list</li> </ul>
	<p>Add/Edit a new patient to/in the database.</p> <p>To add a patient to the database, click the button directly.</p> <p>To edit a patient in the database, search/select a patient first and then click the button. You can select the patients by</p> <ul style="list-style-type: none"> <li>• Enter the ID No. in the text box</li> <li>• Select the ID No. from the drop list</li> </ul>




### 3.3 Multiple management

When you start using Multiple management function, the screen shows two different functions of **Download, View Report, Add/Edit**. Click on one of icons will activate the required function.

Figure 3.3 Multiple management



## Function Description of Multiple management

When you see this:	You can:
 <b>Download</b>	<p>Download Multiple patients' glucose data from the meter to <b>GlucoseManager™</b> database.</p> <p>Note:</p> <ul style="list-style-type: none"><li>• Please make sure you connect the meter with your computer before you click on the "Download" button.</li><li>• This function only supports for specific meters. Please check the User's Guide to see if your meter supports this function.</li><li>• The data is downloaded according to the serial number of your meter. Please make sure the user's profile is set.</li></ul>
 <b>View Report</b>	<p>View the report of multiple patients,</p>
 <b>Add / Edit</b>	<p>Add/Edit a new patient to/in the database.</p> <p>To add a patient to the database, click the button directly.</p> <p>To edit a patient in the database, search/select a patient first and then click the button. You can select the patients by</p> <ul style="list-style-type: none"><li>• Enter the ID No. in the text box</li><li>• Select the ID No. from the drop list</li></ul>

### 3.3.1 Multiple management- View report

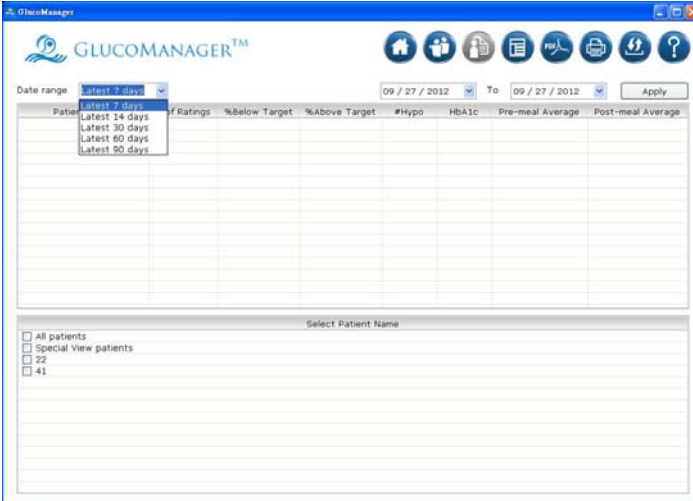
**View report** shows below information for multiple patients.

- Patient Name
- #Hypo
- # of Ratings
- HbA1c
- % Below target
- Pre-meal Average
- % Above target
- Post-meal Average

To change the time range you require.

Select the data range or the period and then click **Apply**.

**Figure 3.3.1 Data range**




The screenshot displays the GLUCOMANAGER™ application window. At the top, there is a navigation bar with icons for home, user, data, reports, and help. Below this, a 'Date range' dropdown menu is open, showing options: 'Latest 7 days' (selected), 'Latest 14 days', 'Latest 30 days', 'Latest 60 days', and 'Latest 90 days'. To the right of the dropdown, there is a date range selector showing '09 / 27 / 2012' and an 'Apply' button. Below the date range selector, there is a table with columns: 'Patient', 'Ratings', '%Below Target', '%Above Target', '#Hypo', 'HbA1c', 'Pre-meal Average', and 'Post-meal Average'. The table is currently empty. Below the table, there is a 'Select Patient Name' section with checkboxes for 'All patients', 'Special View patients', and a list of patient IDs (22, 41).



Select Patient Name : The medical summary will show.

- All patients : Show all patients who were recorded in the database.
- Special View patients : Show the patients who require more attention. (You can activate this function in patients' profile-healthy record tab.)
- Select any patients in the database.

**Figure 3.3.2 Select Patient**

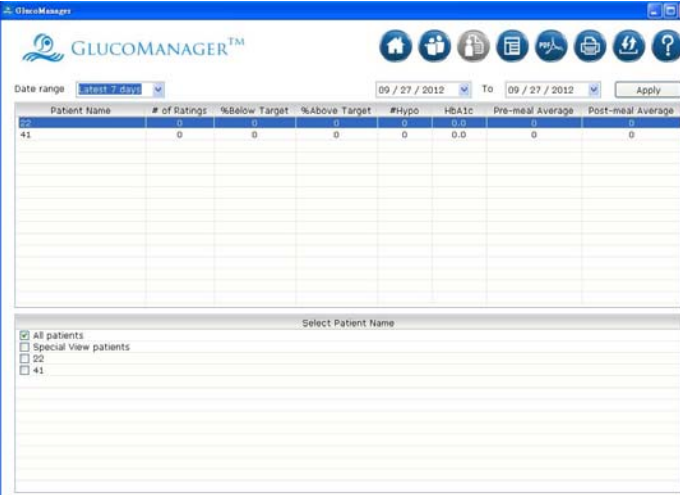


Select Patient Name

☒ All patients  
☐ Special View patients  
☐ 22  
☐ 41

Click the column bar to re-arrange the data order.

**Figure 3.3.3 View report**



GLUCOMANAGER™

Date range: latest 7 days To 09 / 27 / 2012 To 09 / 27 / 2012 Apply









Patient Name	# of Ratings	%Below Target	%Above Target	#Hypo	HbA1c	Pre-meal Average	Post-meal Average
41	0	0	0	0	0.0	0	0

Select Patient Name

☒ All patients  
☐ Special View patients  
☐ 22  
☐ 41


### 3.4 Menu Bar

#### Explanation of icons

When you see this:	You can:	When you see this:	You can:
	Go back to the <b>Home</b> and re-select <b>Individual</b> or <b>Multiple Management</b> function.		Save the patients' reports as PDF file to your PC.
	Go back to the <b>Individual Management</b> function. You can select other patients or other function.		Print the reports.
	Patient's profile ; For further review and edit.		<b>Import</b> or <b>Export</b> one or multiple patients' glucose data or whole database to your PC.
	Logbook of the patient.		Read the user's guide.

### 3.5 Profile Setting

Create diabetes data in your profile.


Click on the **Add/Edit** button  on the page of **Individual Management**. Or the toolbar click on the icon of  to enter and review general data of personal profile.

#### Instructions of Advance Setting :

- ❶ Schedule : Customize the start and end times for 7 time blocks, for both working and non-working days.
- ❷ Medications : Indicate any insulin, oral medications or other treatments that are being used to manage diabetes.
- ❸ Regimen : Specify a daily schedule (regimen) of insulin injections.
- ❹ Complications : Note any diabetes-related clinical complications.
- ❺ Healthy Record : Lets you add yours or patient's latest health records to database
- ❻ Inquiry : Takes note of something special here or pick up patients need to have special care.

#### 3.5.1 Patient Setting

To review and enter general data of personal profile.

Click on the **Add/Edit** button  on the page of **Individual Management**. Or the toolbar click on the icon of  to enter and review general data of personal profile.

#### 2 option to select a patient :

- ❶ Click on  to select a required patient's name in the page of **Individual Management**.
- ❷ Enter the user's ID into  and then click the **Add/Edit** button in the page of **Individual Management**.

## 3.6 Adding A New Patient To The Database

Keep  No. ID number empty, and then click the **Add/Edit** button. “\*”  
Fill an item Record No. (Input three digitals 000~999 for multiple function necessarily.

- Full Name (Fill an item necessarily)
- Gender
- Date of Birth
- ID Number
- Medical using.)
- Phone No.
- Address
- Email
- Meter Serial No. (On the back of the Meter, Number in 10 digits.).

Figure 3.6 Adding A New Patient

The screenshot shows a software window titled "Add / Edit" with a blue header bar. Inside the window, the "GLUCOMANAGER™" logo is at the top left, and a help icon (a question mark in a circle) is at the top right. Below the logo, the word "Profile" is written in blue. The form contains several input fields and buttons:

- Full Name\* :** A text input field followed by an "Advance" button.
- Gender :** Two radio buttons labeled "Male" (selected) and "Female".
- Date of birth :** A date picker showing "01 / 01 / 1970" with a dropdown arrow.
- Age :** A text input field showing "42" followed by the text "years old".
- ID No.\* :** A text input field.
- Medical Record No. :** A text input field.
- Phone No. :** A text input field.
- Address :** A text input field.
- E-mail :** A text input field.
- Meter Serial No. :** A text input field.

At the bottom right of the form area, there are two buttons: "Save" and "Cancel".

### 3.6.1 Editing A Profile

- Select a patient's ID and click on the **Add/Edit** button.
- Edit the required information.
- Click on the **Save** button.

### 3.7 Advance Setting

Time Blocks to organize data for **Reports**. The time blocks of the setting dialog box lets you customize the start and end time for 7 pre-defined time blocks for both working and non-working days. This way you can track and monitor your glucose levels and medications for specific time periods throughout the day, customized to your daily routine.

**Time Setting** was shown as “**AM/PM**”, man can click the radio box to change the setting from 12 hours to 24 hours.



Advance

GLUCOMANAGER™

Schedule Medications Regimen Complications Health Record Inquiry

☐ AM / PM ☒ 24 hr ☒ Meal ☐ Non meal

☐ Check this box to use different schedule for working and non-working.

## Specifying different Time Blocks for Meal & Non-Meal

If you don't want to define your time block as the slot of "breakfast", "lunch"... Select the non-meal. The time blocks will be changed to "meal-1", "meal-2"....

☐ Meal ☒ Non meal

### Time Block Setting :

- Before-Breakfast
- After-Breakfast
- Before-Lunch
- After-Lunch
- Before-Dinner
- After-Dinner
- Night

Figure 3.7 Time Block Setting

Advance

GLUCOMANAGER™

Schedule | Medications | Regimen | Complications | Health Record | Inquiry

☐ AM / PM ☒ 24 hr ☒ Meal ☐ Non meal

☐ Check this box to use different schedule for working and non-working.

Working Day Schedule

Slot	From	To
Before-Breakfast	06:00	08:59
After-Breakfast	09:00	10:59
Before-Lunch	11:00	13:59
After-Lunch	14:00	16:59
Before-Dinner	17:00	19:59
After-Dinner	20:00	22:59
Night	23:00	05:59

OK Cancel

Note: To ensure that glucose readings appear in **GlucoManager™** Reports in the same time block that was used to store the readings in the meter, it is important that the meal schedule you set up in **GlucoManager™** matches the meal schedule stored in the meter. If the schedules don't match or if the clock times differ, glucose readings that are transferred to **GlucoManager™** may be displayed in an inappropriate time block. **GlucoManager™** will provide an alert when the glucose data displayed in an inappropriate time block by highlighting the column grey. Please double click the column and correct the slot of the glucose. If any out-of-target readings [mistakenly] appear in the wrong time block, this may lead you to misinterpret the information when tracking or trending data.

### 3.7.1 Setting Time Block

When you see this:

Working Day Schedule

Slot	From	To
Before-Breakfast	06:00	08:59
After-Breakfast	09:00	10:59
Before-Lunch	11:00	13:59
After-Lunch	14:00	16:59
Before-Dinner	17:00	19:59
After-Dinner	20:00	22:59
Night	23:00	05:59

06:00 06:00

You can:

**Set Time Blocks.** Review the Time block and decide if they match your schedule. **GlucoManager™** uses Time Blocks to organize data for reports.

**Each start time of Time Block begins when the previous one ends.**

**Change the hours** in each Time Block by selecting the hour value.

**Change the minutes** in each Time Block by selecting the minute value.

**Click the up/down arrows** until you find the required hours and minutes.

## Specifying different time blocks for working and non-working days

Select Use different schedules for working and non-working days at the top of the software screen. Then select each day of the week you would like to group as a non-working day. All other days will be grouped as working days. A separate schedule will appear for the non-working days

Figure 3.7.1 Working days Setting

Advance

GLUCOMANAGER™

Schedule Medications Regimen Complications Health Record Inquiry

☐ AM / PM ☒ 24 hr ☒ Meal ☐ Non meal

☒ Check this box to use different schedule for working and non-working.

Check boxes of non-working days : ☐ Mon ☐ Tue ☐ Wed ☐ Thu ☐ Fri ☐ Sat ☐ Sun

Working Day Schedule

Slot	From	To
Before-Breakfast	06:00	08:59
After-Breakfast	09:00	10:59
Before-Lunch	11:00	13:59
After-Lunch	14:00	16:59
Before-Dinner	17:00	19:59
After-Dinner	20:00	22:59
Night	23:00	05:59

Non-Working Day Schedule

Slot	From	To
Before-Breakfast	06:00	08:59
After-Breakfast	09:00	10:59
Before-Lunch	11:00	13:59
After-Lunch	14:00	16:59
Before-Dinner	17:00	19:59
After-Dinner	20:00	22:59
Night	23:00	05:59

OK Cancel

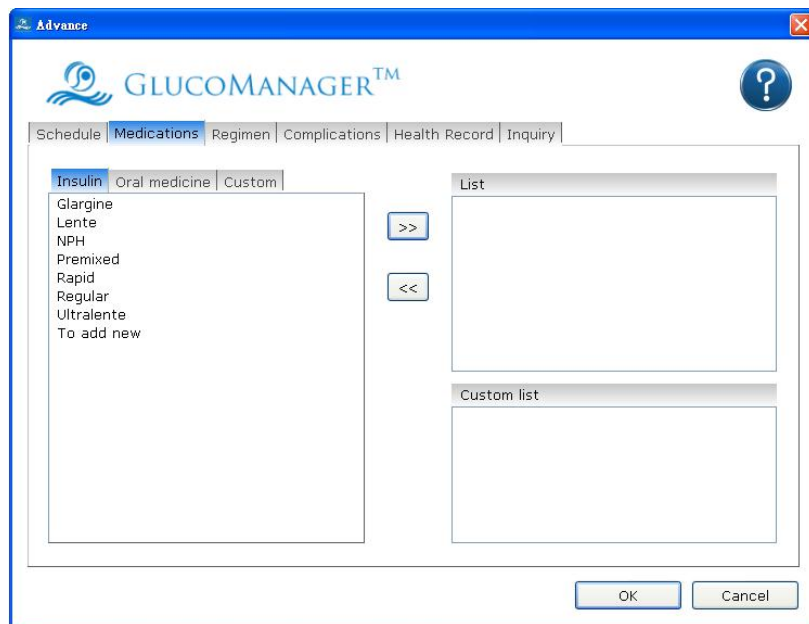


### 3.7.2 Medications Tab

The Medications Tab lets you specify any medications (insulin or other) that are being used to manage diabetes. You may select any of the following categories :

- Insulin
- Medicine
- Insulin Pump
- Diet and Exercise

**Figure 3.7.2 Medications Tab**



### **Medications Tab (Cont.)**

<b>If you see this:</b>	<b>You can do this:</b>
Insulin	Specify Insulin Types from the list that appears on screen. Check each of the Insulin Types that apply. You may also specify three custom Insulin Types by selecting any of the Custom selections below the list. You may create new names for any of the default Custom names. You may also specify one other Insulin Type by clicking on other and entering a name.
Oral Meds	Specify Oral Medicine from the list that appears on screen. You may also specify 4 custom Medications by clicking on any of the Custom selection boxes below the list. You may create new names for any of the default Custom names. You may also specify one other Medication by clicking on Other and entering a name.
Diet and Exercise	Indicate that the patient is using Diet and Exercise to manage diabetes.
Insulin Pump	Indicate that the patient is using an Insulin Pump.

### 3.7.3 Regimen Tab

The Regimen Tab lets you specify a daily schedule (Regimen) for insulin injections.

Up to 5 different Regimens may be created and stored in the database.

**Figure 3.7.3 Regimen Tab**

Advance

GLUCOMANAGER™

Schedule Medications **Regimen** Complications Health Record Inquiry

Regimen

- Regimen1
- Regimen2
- Regimen3
- Regimen4
- Regimen5

Regimen Name : Regimen1 ☐ Active

Date Effective : 09 / 27 / 2012

Meal Slot	Units	Type	Units	Type
Breakfast :	0		0	
Lunch :	0		0	
Dinner :	0		0	
Night :	0		0	

OK Cancel

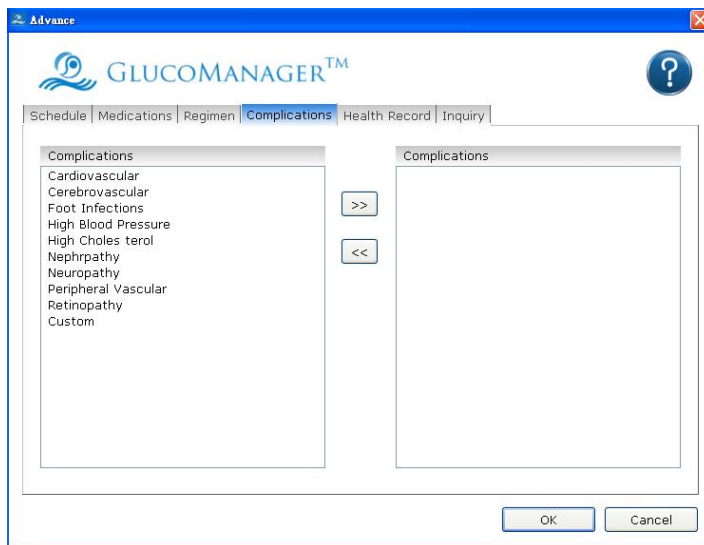
## Regimen Tab (Cont.)

If you see this:	You can do this:
Active/Regimen List	Create up to 5 Regimens for any patient. Regimens will be stored in the database. To define a Regimen, select one of the 5 default Regimen names from the list on the left side of the screen. This Regimen name will replace the one in the Regimen Name field on the right side of the screen.
Regimen Name/Active	Create new names for any of the five default Regimen names. To make any of the five Regimens the Active Regimen, click <b>Active</b> . The word (Active) will then appear next to that Regimen in the list to the left.
Date Effective	Enter an effective start date and daily schedule for insulin injections. To specify the date, modify the information in the date field or click on the down arrow. A pop-up calendar box will appear with the current date set as the default Date. To change the year, click on the year and a set of up/down arrows will appear. Click on the up/down arrows until you find the required year. To change the month, click on the left/right arrows that appear on the sides of the calendar box until you find the required month. Then click on the required day.
Units and Type	For each Active Regimen, at least 1 insulin must be specified for at least 1 Meal Slot. You may enter up to 2 insulin doses for each Meal Slot.

### 3.7.4 Complications Tab

The Complications Tab lets you specify medical complications related to diabetes.

**Figure 3.7.4 Complications Tab**



### Complications Tab (Cont.)

If you see this:	You can do this:
Complications	Specify all diabetes-related Complication Types from the list that appears on screen. Click on all Complication Types that apply. You may also specify one other Complication Type by clicking on Other and entering a name.

### 3.7.5 Health Records

You may add the following types of health records:

- Diabetes Types
- Year Diagnised
- Height and Weight
- Before/After Meal Target
- Glucose Unit (mg/dL,mmol/L)
- Ketones
- Microalbumin
- Blood Pressure
- Cholesterol
- HbA1c:
- Hypoglycemic

Figure 3.7.5 Health Records

The screenshot shows the 'GLUCOMANAGER' software interface with the 'Health Record' tab selected. The form contains various input fields and radio buttons for recording patient health data. The 'Diabetes Type' is set to 'Type I'. The 'Year Diagnosed' is '09 / 27 / 2012'. 'Height' and 'Weight' are both set to '0'. 'Before Meal' and 'After Meal' glucose targets are set to '0'. 'Ketones' are set to 'Negative'. 'Microalbumin' is set to 'Normal'. 'Blood Pressure' is set to '0 / 0'. 'Cholesterol Total' is set to '0', 'LDL' is '0', and 'HDL' is '0'. 'Hypoglycemic' is set to '0'. The 'HbA1C' field is empty. The 'mg/dL' unit is selected for glucose measurements. The 'OK' and 'Cancel' buttons are at the bottom right.

Advance

GLUCOMANAGER™

Schedule Medications Regimen Complications **Health Record** Inquiry

Diabetes Type : ☐ Type I ☐ Type II

Year Diagnosed : 09 / 27 / 2012

Height : 0 cm ☒ ft

Weight : 0 kg ☒ pound

Before Meal : Low 0 High 0 ☐ mmol/L ☒ mg/dL

After Meal : Low 0 High 0

Ketones : ☒ Negative ☐ Trace ☐ Small ☐ Moderate ☐ Large

Microalbumin : ☒ Normal ☐ Positive ☐ >1000

Blood Pressure : 0 / 0

Cholesterol Total : 0 LDL 0 HDL 0

Hypoglycemic : 0 HbA1C %

OK Cancel

Click on the radio box in the Diabetes Type field. Select one of following diabetes types:

- Type 1
- Type 2

If you specify height and weight. Enter height and/or weight as follows:

- Heights must be from 0 to 250
- Weights must be from 0 to 600

If you specify glucose target ranges for a patient. General rules for entering glucose target ranges:

- Enter the lower limit for each Meal Slot in the field on the left. Enter the higher limit for each Meal Slot in the field on the right.
- Before-meal and after-meal target ranges can overlap

You must specify both before-meal and after-meal tar. If you specify ketones. Enter a ketone test result from the following list:

- Negative
- Trace
- Small
- Moderate
- Large

If you specify microalbumin. Specify either a result type or actual value. Result type choices are:

- Normal
- Positive
- >1000

If you specify cholesterol. Specify at least one Cholesterol test from the following list:

- Total
- LDL
- HDL

Enter Cholesterol test results as follows.

**For Total Cholesterol**

An actual value between 0 and 300 mg/dL (0 to 7.76 mmol/L)

**For LDL**

An actual value between 0 and 300 mg/dL (0 to 7.76 mmol/L)

**For HDL**

An actual value between 0 and 300 mg/dL (0 to 7.76 mmol/L)

If you specify HbA1c. Enter a value from 0 to 16 in 0.1-unit increments.

If you specify blood pressure. Enter systolic and diastolic blood pressure test results.

- Systolic results must be from 0 to 250 and may be entered in 1-unit increments.
- Diastolic results must be from 0 to 250 and may be entered in 1-unit increments.

If you specify Hypoglycemic. ***General rules for Hypoglycemic value setting:***

- Hypoglycemic value should be higher than 20 mg/dL
- Hypoglycemic value should be lower than the lower limit of both before meal range and after meal range.



### 3.7.6 Inquiry Tab

To specify a “Special View” patient.

Tick the “**Special View**” checkbox, you would be able to easily monitor the status of all patients who need to specially take care by a simple report in the **Multiple**

**Management** page.

- Date
- Comment
- Inquiry Note
- Special View

**Figure 3.7.6 Inquiry Tab**

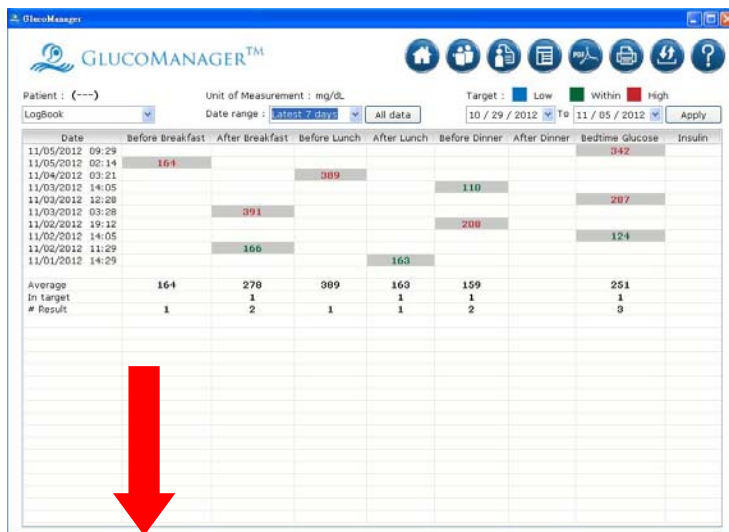
The screenshot shows a software window titled "Advance" with a blue header bar. Below the header is the "GLUCOMANAGER™" logo. A navigation bar contains tabs: "Schedule", "Medications", "Regimen", "Complications", "Health Record", and "Inquiry" (which is highlighted). In the top right corner of the window is a circular help icon with a question mark. The main content area of the "Inquiry" tab includes a "Date :" label followed by a date picker showing "09 / 27 / 2012". To the right of the date is a checkbox labeled "Special View". Below the date is a "Comment :" label followed by a large text input area. Further down is an "Inquiry Note :" label followed by another large text input area. At the bottom right of the window are two buttons: "OK" and "Cancel".

### 3.8 Glucose Setting

Double-click on the column of glucose data in the Patient's Logbook. The Glucose setting will pop out.

The Glucose-detail setting lets you add new data records to the **GlucoManager™** database. The Glucose setting screen has five Tabs that are labeled **Glucose**, **Insulin**, **Oral Meds**, **Exercise** and **Food**.

Figure 3.8.1 Glucose Setting



Date	Before Breakfast	After breakfast	Before Lunch	After Lunch	Before Dinner	After Dinner	Bedtime Glucose	Insulin
11/05/2012 09:29							342	
11/05/2012 09:14	164							
11/04/2012 03:21			389					
11/03/2012 14:05					110			
11/03/2012 12:28		391					207	
11/03/2012 03:28					208			
11/02/2012 19:12								
11/02/2012 14:05							124	
11/02/2012 11:29		166						
11/01/2012 14:29				163				
Average	164	278	389	163	159		251	
In target	1	1	1	1	1		1	
# Result	1	2	1	1	2		3	

### 3.8.1 Glucose Tab

The Glucose Tab lets you add **Glucose Records** to the **GlucoManager™** database.

**Figure 3.8.1 Glucose Tab**

The screenshot shows the 'Record Detail' window for GlucoManager. The 'Glucose' tab is selected. The form contains the following fields and options:

- Date :** 11 / 05 / 2012 (dropdown)
- Time :** 02:14 (dropdown)
- Glucose :** 154 (text input) mg/dL
- Slot :** Before-Breakfast (dropdown)
- Type :** Please select..... (dropdown)
- Comments:**
  - ☐ Illness
  - ☐ Vacation
  - ☐ Stress
  - ☐ Feel Hypo
  - ☐ Menses
  - ☐ Medication
  - ☐ Other
  - ☒ Food
    - ☐ Different Food
    - ☐ Fasting
    - ☐ Too much food
    - ☐ Not enough food
  - ☐ Exercise
    - ☐ Before
    - ☐ After
  - ☒ Exercise Type
    - ☐ Mild
    - ☐ Hard
- Comment :** (text input)

Buttons at the bottom: Reset, Save, Cancel.

If you see this:	You can do this:
Date and Time	Date and Time recorded the time Glucose data had been measured .It's fixed and couldn't be changed.
Meal Slot	Meal Slot shows the glucose data's Meal selection which was selected when testing .If the selection is match the Time block settings in Patient's profile it will be fixed and can't be changed. Otherwise the glucose data will be block in grey color and the slot setting could be adjust one time.

If you see this:	You can do this:																				
Glucose Reading	It's fixed and couldn't be changed.																				
Type	<p>specify the type of glucose reading. Click on the down arrow in the Type field. A drop-down menu of options will appear:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Fingertip</li> <li><input type="checkbox"/> Alternate site (Palm, Forearm)</li> <li><input type="checkbox"/> Laboratory</li> <li><input type="checkbox"/> Control</li> </ul> <p>Click on the required option.</p>																				
Glucose Comments	<p>Assign a comment to the <b>Glucose Record</b>. You may select from pre-defined Glucose Comments or create a new comment in your own words.</p> <p>Select pre-defined comments that applies :</p> <table border="0"> <tbody> <tr> <td><input type="checkbox"/> Illness</td><td><input type="checkbox"/> Exercise (select only 1 below)</td></tr> <tr> <td><input type="checkbox"/> Vacation</td><td>    • Before</td></tr> <tr> <td><input type="checkbox"/> Stress</td><td>    • During</td></tr> <tr> <td><input type="checkbox"/> Feel Hypo</td><td>    • After</td></tr> <tr> <td><input type="checkbox"/> Menses</td><td><input type="checkbox"/> Exercise type (select only 1 below)</td></tr> <tr> <td><input type="checkbox"/> Food (select only 1 below)</td><td>    • Mild</td></tr> <tr> <td>    • Different Food</td><td>    • Hard</td></tr> <tr> <td>    • Fasting</td><td><input type="checkbox"/> Medication</td></tr> <tr> <td>    • Too much food</td><td><input type="checkbox"/> Others</td></tr> <tr> <td>    • Not enough food</td><td></td></tr> </tbody> </table> <p>Or, enter new information about your glucose reading in the field of Comment.</p>	<input type="checkbox"/> Illness	<input type="checkbox"/> Exercise (select only 1 below)	<input type="checkbox"/> Vacation	• Before	<input type="checkbox"/> Stress	• During	<input type="checkbox"/> Feel Hypo	• After	<input type="checkbox"/> Menses	<input type="checkbox"/> Exercise type (select only 1 below)	<input type="checkbox"/> Food (select only 1 below)	• Mild	• Different Food	• Hard	• Fasting	<input type="checkbox"/> Medication	• Too much food	<input type="checkbox"/> Others	• Not enough food	
<input type="checkbox"/> Illness	<input type="checkbox"/> Exercise (select only 1 below)																				
<input type="checkbox"/> Vacation	• Before																				
<input type="checkbox"/> Stress	• During																				
<input type="checkbox"/> Feel Hypo	• After																				
<input type="checkbox"/> Menses	<input type="checkbox"/> Exercise type (select only 1 below)																				
<input type="checkbox"/> Food (select only 1 below)	• Mild																				
• Different Food	• Hard																				
• Fasting	<input type="checkbox"/> Medication																				
• Too much food	<input type="checkbox"/> Others																				
• Not enough food																					

## 3.8.2 The Insulin Tab

The Insulin Tab lets you add Insulin Records to the database.

**Figure 3.8.2 The Insulin Tab**

The screenshot shows the 'Record Detail' window of the GLUCOMANAGER™ application. The window has a blue title bar and a blue header area containing the application logo and name. Below the header, there are four tabs: 'Glucose', 'Insulin' (which is selected and highlighted in blue), 'Oral Medicine', 'Exercise', and 'Food'. The main content area is divided into several sections. At the top, there are two rows of input fields: 'Date' with a dropdown menu showing '11 / 05 / 2012', and 'Time' with a dropdown menu showing '13:18'. To the right of these is a 'Slot' dropdown menu showing 'After-Breakfast'. Below this, there is a section titled 'Insulin' in blue text. Inside this section, there is a 'Type' dropdown menu showing 'Please add.....' and an 'Add' button. Below the dropdown are three radio buttons: 'Injection', 'Bolus', and 'Pump Daily total'. Each radio button is followed by an 'Amount' input field (all showing '0') and the text '(Units)'. At the bottom of the 'Insulin' section is a 'Comment' text area. At the very bottom of the window, there are three buttons: 'Reset', 'Save', and 'Cancel'.

Record Detail

GLUCOMANAGER™

Glucose | **Insulin** | Oral Medicine | Exercise | Food

Date : 11 / 05 / 2012 Slot : After-Breakfast

Time : 13:18

**Insulin**

Type : Please add..... Add

☐ Injection ☐ Bolus ☐ Pump Daily total

Amount : 0 (Units) 0 (Units) 0 (Units)

Comment :

Reset Save Cancel

If you see this:	You can do this:
<p>Injection / Bolus / Pump Daily Total</p>	<p>Specify the insulin dosing method types and units. Click on the selection box that applies. <b>“Injection”</b> is the default selection.</p> <p><b><u>If you select “Injection” :</u></b></p> <ul style="list-style-type: none"> <li>■ Select an Insulin Type from the drop-down menu in the field. Insulin Types were created in the Medications Tab of the Patient's profile Setup screen. If you want to add a new insulin type to the menu list, click on the Add Insulin link. The Medications Tab will pop out where you can add new Insulin types.</li> <li>■ Enter an amount from 0 to 250 in 0.1-unit increments.</li> </ul> <p><b><u>If you select “Bolus” :</u></b></p> <ul style="list-style-type: none"> <li>■ Enter an amount from 0 to 60 in 0.1-unit increments.</li> </ul> <p><b><u>If you select “Pump Daily Total” :</u></b></p> <ul style="list-style-type: none"> <li>■ Enter an amount from 0 to 100 in 0.1-unit increments.</li> </ul>
<p>Insulin Comments</p>	<p>Enter any information about your insulin records in the field of comment.</p>

### 3.8.3 The Oral Meds Tab

The Oral Meds Tab lets you add Oral Medication Records to the database.

**Figure 3.8.3 The Oral Meds Tab**

The screenshot shows a software window titled "Record Detail" with a blue border and a close button (X) in the top right corner. Inside the window, the "GLUCOMANAGER™" logo is at the top left, and a help icon (question mark in a circle) is at the top right. Below the logo is a tabbed interface with five tabs: "Glucose", "Insulin", "Oral Medicine" (which is highlighted with a blue border), "Exercise", and "Food". The "Oral Medicine" tab contains the following fields:

- Date :** A dropdown menu showing "11 / 05 / 2012".
- Time :** A dropdown menu showing "13:18".
- Slot :** A dropdown menu showing "After-Breakfast".
- Type :** A dropdown menu showing "Please add....." next to a blue "Add" button.
- Amount :** A text input field containing "0" followed by the text "(Units)".
- Comment :** A large, empty text area.

At the bottom of the window, there are three buttons: "Reset", "Save", and "Cancel".

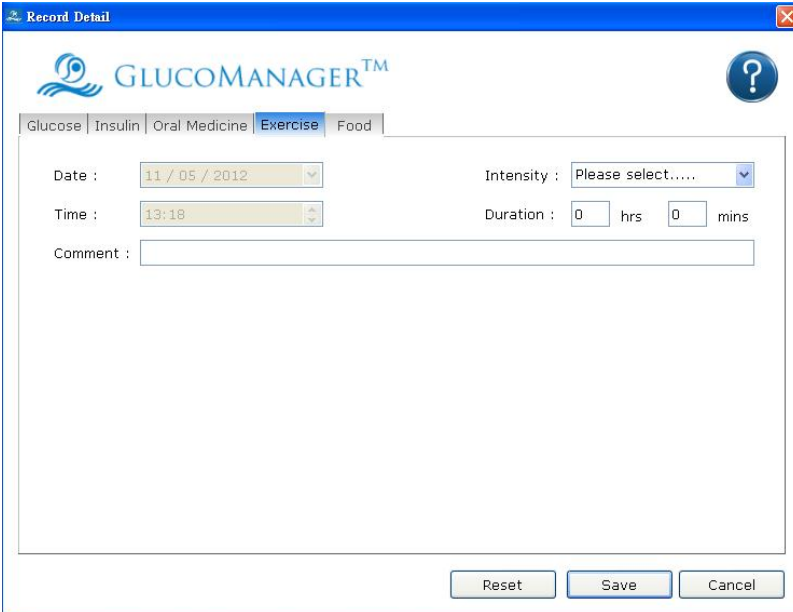
If you see this:	You can do this:
Type	<p>Specify the type and amount (number of pills) of medication. Click on the down arrow in the Type field. A drop-down menu of Medication types will appear. Select the required one. The Types of Medications are set in the Medications Tab of the Patient Setup screen.</p> <p>If you do not see the required Medication Type, you may click on the Add Oral Meds link. This will take you to the Medications Tab of the Patient Setup screen where you may add a new Medication Type.</p> <p>Specify the Medication amount (number of pills) by entering a value in the Amount field.</p>
Medications Comments	<p>You may create and assign a new text Comment to the Medications Record in the field of Comment.</p>



### 3.8.4 The Exercise Tab

Add Exercise Records to the database.

**Figure 3.8.4 The Exercise Tab**



The screenshot shows a software window titled "Record Detail" with a blue header bar. Inside the window, the "GLUCOMANAGER™" logo is at the top left, and a help icon (a question mark in a circle) is at the top right. Below the logo is a tabbed interface with five tabs: "Glucose", "Insulin", "Oral Medicine", "Exercise" (which is currently selected and highlighted in blue), and "Food". The "Exercise" tab contains the following fields:

- Date :** A dropdown menu showing "11 / 05 / 2012".
- Intensity :** A dropdown menu showing "Please select.....".
- Time :** A dropdown menu showing "13:18".
- Duration :** Two input fields, one for "hrs" (containing "0") and one for "mins" (containing "0").
- Comment :** A large, empty text area for entering a comment.

At the bottom of the window, there are three buttons: "Reset", "Save", and "Cancel".

If you see this:	You can do this:
Duration and Intensity	<p>Enter the Duration and Intensity of the exercise period. Both are required entry fields for any new exercise record. There are no default values.</p> <ul style="list-style-type: none"> <li>■ Specify exercise intensity by clicking on the down arrow in the Intensity field. Select the desired intensity level from the drop-down menu that will appear: <ul style="list-style-type: none"> <li>● Mild</li> <li>● Moderate</li> <li>● Hard</li> </ul> </li> <li>■ Specify exercise duration by entering the time period in hours and minutes in 1-minute increments.</li> </ul>
Exercise Comments	You may create and assign a new text to the Exercise Record in the field of Comment.

### 3.8.5 The Food Tab

Add Food Records to the database.

**Figure 3.8.5 The Food Tab**

The screenshot shows the 'Record Detail' window for GLUCOMANAGER. The 'Food' tab is selected among 'Glucose', 'Insulin', 'Oral Medicine', 'Exercise', and 'Food'. The window contains the following fields:

- Date :** 11 / 05 / 2012 (dropdown)
- Time :** 13:18 (dropdown)
- Slot :** After-Breakfast (dropdown)
- Carbs :** 0 (text input)
- Fats :** 0 (text input)
- Calories :** 0 (text input)
- Proteins :** 0 (text input)
- Comment :** (text input)

At the bottom right, there are three buttons: 'Reset', 'Save', and 'Cancel'.

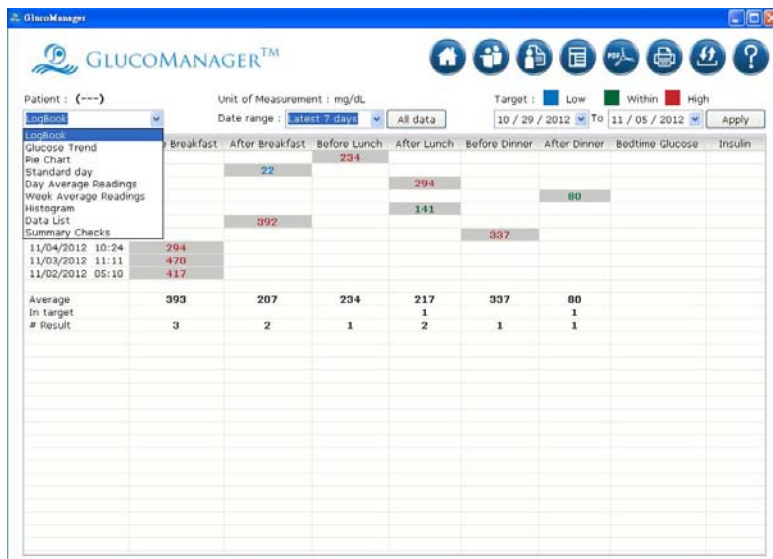
If you see this:	You can do this:
Carbs, Fats, Calories, and Proteins	<p>Specify values for the Carbohydrates, Fats, Calories, and Proteins boxes. At least one food type is required for any new food record.</p> <ul style="list-style-type: none"><li>■ If you are entering Carbs, Proteins, or Fats, enter a value from 0 to 250 in 1-unit increments.</li><li>■ If you are entering Calories, enter a value from 0 to 2500 in 1-unit increments.</li></ul>
Food Comments	Enter notes about your food record in the field of Comment.

### 3.9 List box in Logbook page

The Report Bar provides shortcuts for the general actions. The following description is briefly described from top to down.

- Log Book
- Glucose Trend
- Pie chart
- Standard day
- Daily Average readings
- Weekly Average readings
- Histogram
- Data List
- Summary Check


Figure 3.9 List box in Logbook page



### 3.9.1 Viewing Time Period

Figure 3.9.1 Viewing Time Period

Patient : 41 (---)  
Unit of Measurement : mg/dL  
Target : ■ Low ■ Within ■ High  
LogBook  
Date range : Latest 7 days All data  
10 / 29 / 2012 To 11 / 05 / 2012 Apply

– Click on  of Data range to select period as latest 7/14/30/60/90 days or All. Click on “**Apply**” to view the updated data. Or

–click on  of period “from-to” to view the calendar. Click on “**Apply**” to view the updated data.

### 3.9.2 Colors and Colorful Backgrounds Reports

Several reports use colors and colorful backgrounds to display data or to differentiate data when viewing reports.

- The following reports use separate word colors and colorful backgrounds to highlight individual readings that are outside the target ranges: **Log Book**, **Period Review**, **Daily Line Chart**, **Avg. Day Trend**, **Avg. Week Trend**, **Avg. Meal Histogram** and **Target Ratio**.
- Different word colors are used for above target readings.

### 3.9.3 Reviewing Reports

When you open the **GlucoManager™** program, the date is set as on Windows® system, as well as data in the mode of Log Book.

The default setting Time Blocks as follows:

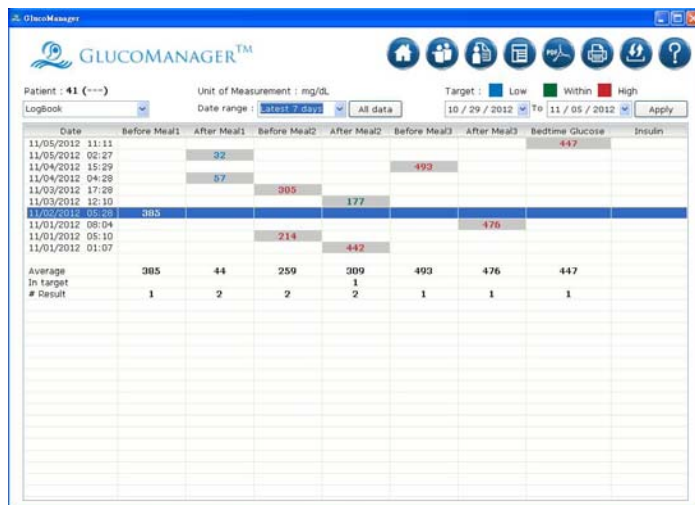
- Pre-Breakfast (04:00-06:59)
- Post-Breakfast (07:00-09:59)
- Pre-Lunch (10:00-12:59)
- Post-Lunch (13:00-15:59)
- Pre-Dinner (16:00-18:59)
- Post-Dinner (19:00-21:59)
- Bedtime (22:00-03:59)

You can change the setting in patient's profile – Healthy record Tab.

### 3.9.4 Log Book Mode Review

- Double click the glucose data to edit a patient's glucose setting.
- The word which were block in grey color means the before or after meal setting has conflict between meters and patient's profile setting. Double click the data then you can modify the slot information of the data.

Figure 3.9.4 Log Book



### 3.9.5 Glucose trend

Glucose readings are displayed as dots on an X-Y graph. Each reading is connected to the next with a dashed line.

The dashed line that connects blood sugar readings in this graph does not reflect actual glucose levels. Blood glucose can go high or low throughout the day especially around mealtimes, medication and exercise. Actual testing is required to get a better picture of how they affect your glucose levels.

Readings will appear in chronological order from oldest to most recent. The X-axis represents the date and time of the reading and the Y-axis represents the actual glucose level. All glucose readings for a particular day are displayed. When printing the **Glucose Trend Report**, readings are displayed as dots and are connected by solid lines.

The shaded blue area on the graph represents the Overall (Target) Range. Any readings that fall above or below the shaded blue area are considered outside of this range. When printing the **Glucose Trend Report**, the Overall (Target) Range limits will appear as horizontal dashed lines.

Figure 3.9.5 Glucose trend





### 3.9.6 Pie Chart

#### Pie Chart Report description :

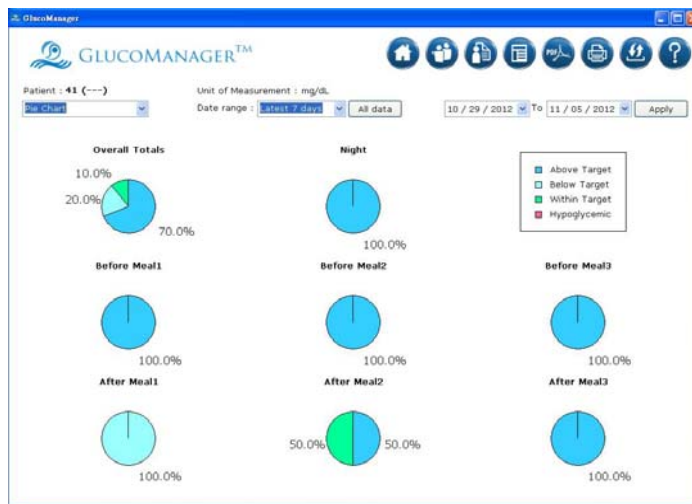
A total of 8 pie charts will appear in the Report. Six of the charts represent the before-meal and after-meal breakdowns for each meal slot. One pie chart appears for the Night meal slot. The 8th pie chart indicates the breakdowns for all of the results.

Pie charts for each before-meal and after-meal pairing will appear side by side. This lets you scan for trends within a particular meal slot.

Chart pairings are also stacked vertically so you can compare before-meal percentages and after-meal percentages across all meal slots.

The Overall Total pie chart provides the percentage breakdowns using all glucose readings within and outside their target ranges. The Overall Pie includes all results measured against the applicable pre & post targets.

Figure 3.9.6 Pie Chart



### 3.9.7 Standard Day

#### Standard Day Report description :

Glucose readings are displayed on an X-Y graph. The X-axis represents the time of the reading and the Y-axis represents the actual glucose level.

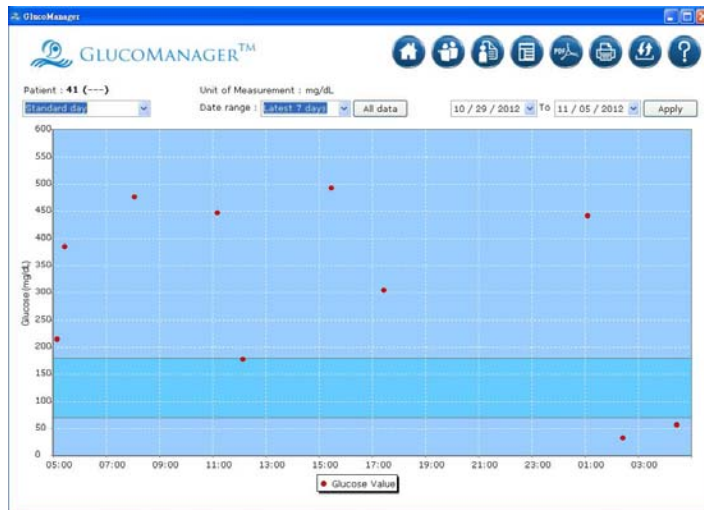
The x-axis covers a 24-hour period, beginning with the patient's pre-breakfast time, based on the working day schedule.

The shaded blue area on the graph represents the Overall (Target) Range. Any readings that fall above or below the shaded blue area are considered outside of this Overall (Target) Range. When printing the Standard Day Report, the Overall (Target) Range limits will appear as horizontal dashed lines.

You may use ToolTips to display the value, Date, Time and Comments tagged to any result.

A link to view Statistics and Targets as well as Footnotes is provided in this Report.

Figure 3.9.7 Standard Day



### 3.9.8 Day Average Readings

The chart displays glucose averages by meal slot. The X-axis represents the “Breakfast”, “Lunch”, “Dinner” and “Night” meal slots and the Y-axis represents the glucose average. Before-meal and after-meal period averages are displayed as side-by-side bars for each meal slot.

**Figure 3.9.8 Day Average Readings**



### 3.9.9 Week Average Readings

- The top chart displays glucose averages for each day of the week.
- The X-axis represents the day of the week and the Y-axis represents the glucose average. Before-meal and after-meal period averages are displayed as side-by-side bars for each day of the week.

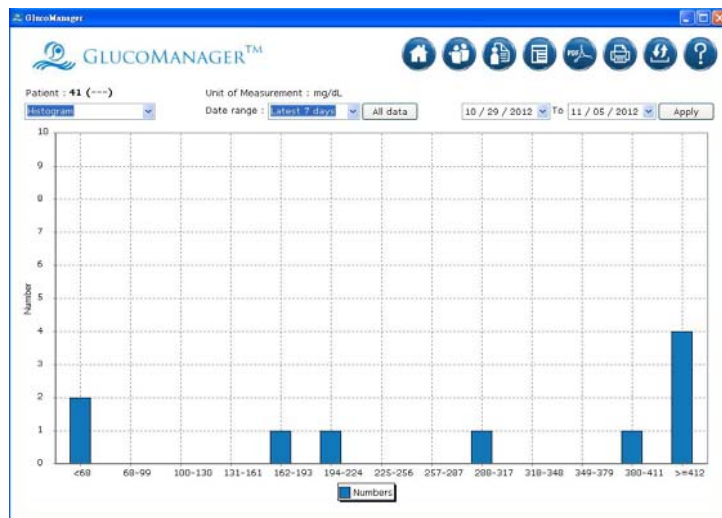
Figure 3.9.9 Week Average Readings



### 3.9.10 Histogram

Glucose readings from each meal slot are presented as stacked bars on an X-Y chart. The X-axis represents the pre-defined glucose ranges and the Y-axis represents the total number of glucose readings in a meal slot, for that particular range.

Figure 3.9.10 Histogram



### 3.9.11 Data List

The Data List Report displays a sequential list of all glucose, insulin, food, exercise and other health data stored in the **GlucoManager™** database. All Comments will be included. This Report lets you easily monitor all relevant data of patients in the database.

### Figure 3.9.11 Data List

**GLUCOMANAGER™**

Patient : 41 (---) Unit of Measurement : mg/dL

Date range : Latest 7 days All data From 10 / 29 / 2012 To 11 / 05 / 2012 Apply

Date	Time	Glucose	Insulin	OralMed	Exercise	Food	Comments
11/05/2012	11:11	447					
11/05/2012	02:27	32					
11/04/2012	15:29	493					
11/04/2012	04:28	57					
11/03/2012	17:28	305					
11/03/2012	12:10	177					
11/02/2012	05:28	385					
11/01/2012	08:04	476					
11/01/2012	05:10	214					
11/01/2012	01:07	442					

### 3.9.12 Summary Check

The Summary Report displays portions of several **GlucoManager™** Reports over the same date range. This Report provides an overview of diabetes health. A Statistics Panel is also included.







Figure 3.9.12 Summary Report

The screenshot shows the GlucoManager Summary Report interface. At the top, there's a blue header bar with the GlucoManager logo and a series of icons for home, user, reports, calendar, trends, print, refresh, and help. Below the header, the patient information is displayed: Patient: 41 (---), Unit of Measurement: mg/dL. A dropdown menu shows 'Summary Check' selected. The date range is set to 'Latest 7 days' with 'All data' as an option. The date range is further specified as '10 / 29 / 2012' to '11 / 05 / 2012' with an 'Apply' button. The main content area contains various fields for patient data and statistics. The 'Full Name' field contains '41' and the 'ID No.' field contains '1'. The 'Date of Birth' field contains '01 / 01 / 1970, 42 years old'. The 'Statistics' section includes fields for '# Result' (10), 'Standard Deviation' (164.5), 'Hypoglycemic' (0), 'Above Target' (8), 'Below Target' (2), and 'Within Target' (0). The 'Average' field contains '302'. The 'Days Average' section shows '302 / 7 days' and '302 / 14 days'. The 'HbA1c' field contains '---'. The 'Blood Pressure' field contains '---'. The 'Ketones' field contains '---'. The 'Cholesterol' field contains '---'. The 'LDL' field contains '---'. The 'HDL' field contains '---'.

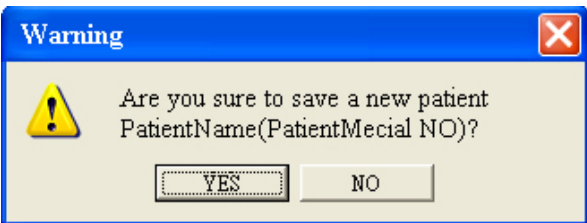
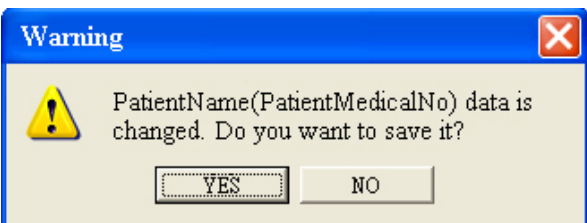
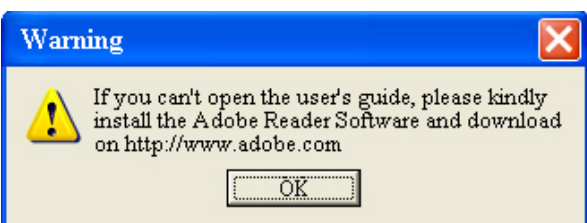
Field	Value
Patient	41 (---)
Unit of Measurement	mg/dL
Report Type	Summary Check
Date Range	Latest 7 days
Date Range (Start)	10 / 29 / 2012
Date Range (End)	11 / 05 / 2012
Full Name	41
ID No.	1
Date of Birth	01 / 01 / 1970, 42 years old
# Result	10
Standard Deviation	164.5
Hypoglycemic	0
Above Target	8
Below Target	2
Within Target	0
Average	302
Days Average (7 days)	302 / 7 days
Days Average (14 days)	302 / 14 days
HbA1c	---
Blood Pressure	---
Ketones	---
Cholesterol	---
LDL	---
HDL	---



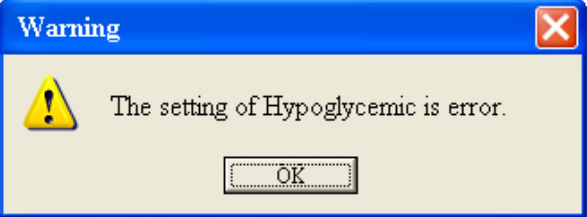
## 4. Screen Message & Troubleshooting GlucoManager™

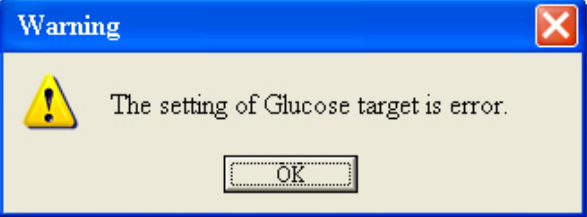


Messages appear in this window, including information about data files or device. If you still have a problem after completing the suggested corrections, please call customer service toll free at 866-994-3345. **GlucoManager™** support specialists are available Monday through Friday from 8:00 a.m. to 6:00 p.m.

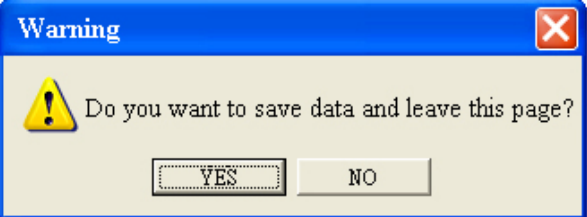
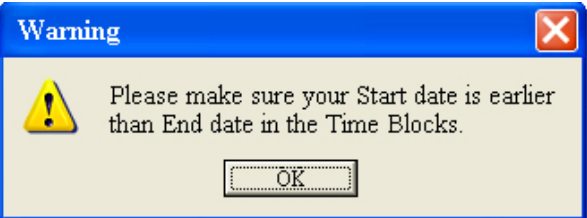
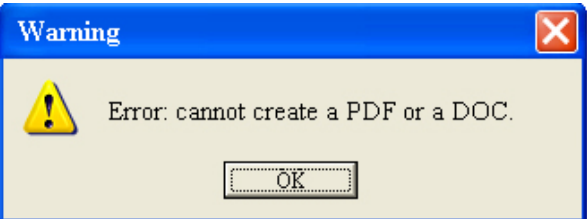
Dialog Boxes	Messages	Dialog Boxes	Messages
	The item noted in a star icon is required.		This user's ID is NOT existed in the database.
	This patient's ID exists in the database		Records are limited in 10,000. Please check your database.
	Cannot find the user's guide.		This user's ID is NOT existed in the database.

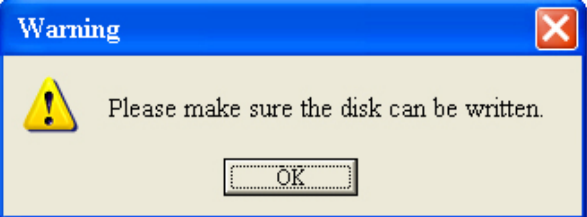
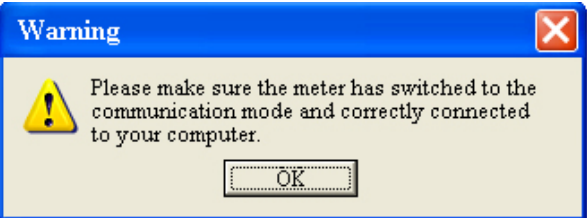
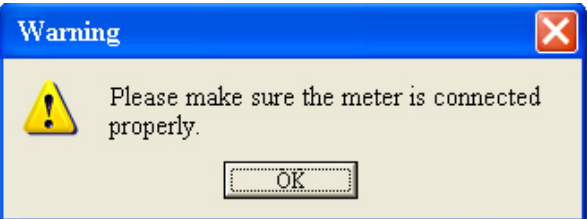





Dialog Boxes	Messages
 <p>A warning dialog box with a blue title bar labeled "Warning" and a red close button. It contains a yellow warning icon, the text "Are you sure to save a new patient PatientName(PatientMecial NO)?", and two buttons labeled "YES" and "NO".</p>	<p>Please make sure you want to save a new patient, showed in a name or medical number.</p>
 <p>A warning dialog box with a blue title bar labeled "Warning" and a red close button. It contains a yellow warning icon, the text "PatientName(PatientMedicalNo) data is changed. Do you want to save it?", and two buttons labeled "YES" and "NO".</p>	<p>Please make sure you want to change the data of a patient, showed in a name or medical number.</p>
 <p>A warning dialog box with a blue title bar labeled "Warning" and a red close button. It contains a yellow warning icon, the text "If you can't open the user's guide, please kindly install the Adobe Reader Software and download on <a href="http://www.adobe.com">http://www.adobe.com</a>", and one button labeled "OK".</p>	<p>Please install the Adobe Reader Software to review PDF files. Download on the website of <a href="http://www.adobe.com">http://www.adobe.com</a></p>

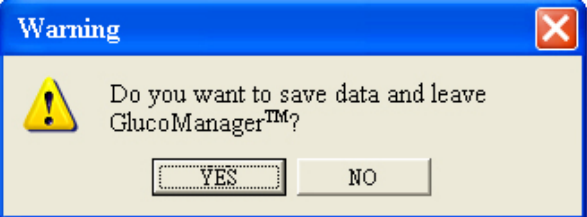
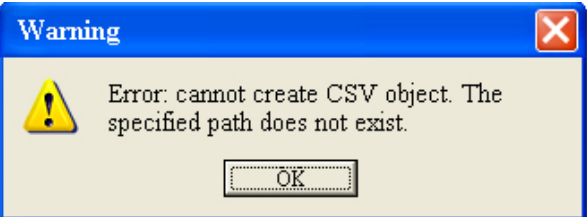

 <p>A warning dialog box with a blue title bar labeled "Warning" and a red close button. The main area has a yellow background with a warning icon (yellow triangle with an exclamation mark) on the left. The text reads "The setting of Before meal range is error." Below the text is an "OK" button.</p>	<p>The setting of Before meal range occurred error. Please check your setting.</p>
 <p>A warning dialog box with a blue title bar labeled "Warning" and a red close button. The main area has a yellow background with a warning icon (yellow triangle with an exclamation mark) on the left. The text reads "The setting of After meal range is error." Below the text is an "OK" button.</p>	<p>The setting of After meal range occurred error. Please check your setting.</p>
 <p>A warning dialog box with a blue title bar labeled "Warning" and a red close button. The main area has a yellow background with a warning icon (yellow triangle with an exclamation mark) on the left. The text reads "The setting of Hypoglycemic is error." Below the text is an "OK" button.</p>	<p>The setting of Hypoglycemic occurred error. Please check your setting.</p>

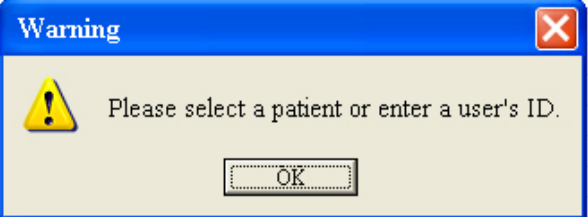
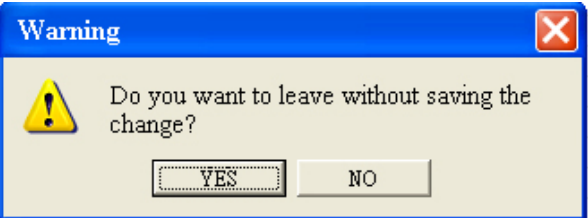
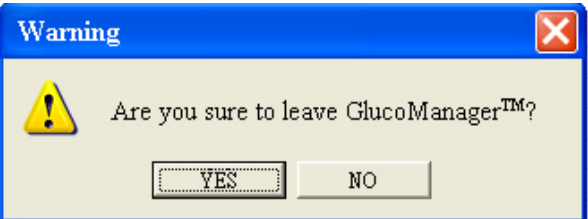
 <p>A warning dialog box with a blue title bar labeled "Warning" and a red close button. The main area is light yellow and contains a yellow warning triangle icon, the text "The setting of Glucose target is error.", and an "OK" button.</p>	<p>The setting of Glucose target occurred error. Please check your setting.</p>
 <p>A warning dialog box with a blue title bar labeled "Warning" and a red close button. The main area is light yellow and contains a yellow warning triangle icon, the text "DPI 120 can be acceptable, but the best DPI is 96.", and an "OK" button.</p>	<p>DPI 120 can be acceptable, but the best DPI is 96. Please make sure one proper setting.</p>
 <p>A warning dialog box with a blue title bar labeled "Warning" and a red close button. The main area is light yellow and contains a yellow warning triangle icon, the text "The best display resolution is 1024 X 768. Other resolution can be acceptable, but the lowest resolution is 800 X 600.", and an "OK" button.</p>	<p>The best display resolution is 1024 X 768. Other resolution can be acceptable, but the lowest resolution is 800 X 600. Please make sure one proper setting.</p>

 <p>A warning dialog box with a blue title bar labeled "Warning" and a red close button. The message area contains a yellow warning triangle icon, the text "Do you want to save data and leave this page?", and two buttons labeled "YES" and "NO".</p>	<p>Please make sure you want to save data and leave the page.</p>
 <p>A warning dialog box with a blue title bar labeled "Warning" and a red close button. The message area contains a yellow warning triangle icon, the text "Please make sure your Start date is earlier than End date in the Time Blocks.", and an "OK" button.</p>	<p>Please re-check your time setting in the Time Blocks.</p>
 <p>A warning dialog box with a blue title bar labeled "Warning" and a red close button. The message area contains a yellow warning triangle icon, the text "Error: cannot create a PDF or a DOC.", and an "OK" button.</p>	<p>Error happened not to create a PDF or a DOC. Please re-start GlucoManager™ or check your hard disk or saving the path and then re-print again.</p>

 <p>A Windows-style warning dialog box with a blue title bar containing the word "Warning" and a red close button. The main area has a light beige background and contains a yellow warning triangle icon on the left. To the right of the icon is the text "Please make sure the disk can be written." Below the text is a single "OK" button.</p>	<p>Please re-check you disk status or re-select the other path.</p>
 <p>A Windows-style warning dialog box with a blue title bar containing the word "Warning" and a red close button. The main area has a light beige background and contains a yellow warning triangle icon on the left. To the right of the icon is the text "Please make sure the meter has switched to the communication mode and correctly connected to your computer." Below the text is a single "OK" button.</p>	<p>Please make sure the meter has switched to the communication mode and correctly connected to your computer.</p>
 <p>A Windows-style warning dialog box with a blue title bar containing the word "Warning" and a red close button. The main area has a light beige background and contains a yellow warning triangle icon on the left. To the right of the icon is the text "Please make sure the meter is connected properly." Below the text is a single "OK" button.</p>	<p>Please make sure the meter is connected properly.</p>

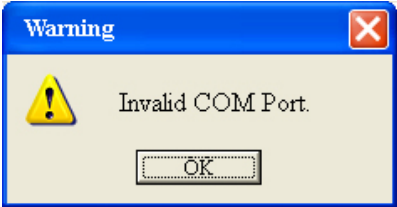
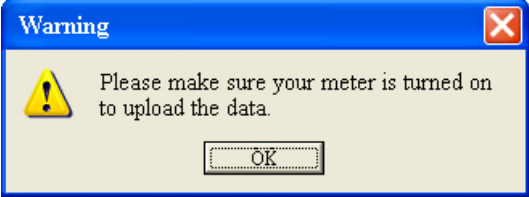
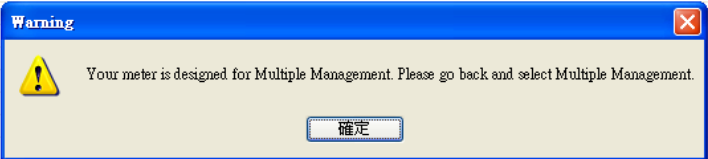
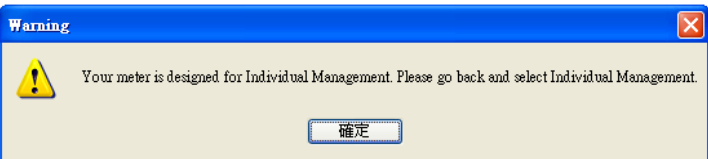
 <p>A warning dialog box with a blue header containing the word "Warning" and a red close button. The main area has a yellow warning triangle icon followed by the text "The meter doesn't support the function you are using." and an "OK" button at the bottom.</p>	<p>Please check the specification of your meter if it supports the function you are using.</p>
 <p>A warning dialog box with a blue header containing the word "Warning" and a red close button. The main area has a yellow warning triangle icon followed by the text "This serial number doesn't exist. Please maintain the user profile." and an "OK" button at the bottom.</p>	<p>This serial number doesn't exist in the database. Please re-check the user profile.</p>
 <p>A warning dialog box with a blue header containing the word "Warning" and a red close button. The main area has a yellow warning triangle icon followed by the text "Please confirm the data are downloaded to PatientName(PatientMedicalNo)" and an "OK" button at the bottom.</p>	<p>Please make sure the data belong to the specific patient, showed in a name or medical number.</p>

 <p>A warning dialog box with a blue title bar labeled "Warning" and a red close button. It contains a yellow warning icon and the text "Do you want to save data and leave GlucoManager™?". At the bottom are two buttons: "YES" and "NO".</p>	<p>Please make sure you want to save data and leave GlucoManager™?</p>
 <p>A warning dialog box with a blue title bar labeled "Warning" and a red close button. It contains a yellow warning icon and the text "Error: cannot create CSV object. The specified path does not exist.". At the bottom is an "OK" button.</p>	<p>Error happened not to create CSV object. The specified path does not exist in the database. Please re-start GlucoManager™ or check your hard disk.</p>
 <p>A warning dialog box with a blue title bar labeled "Warning" and a red close button. It contains a yellow warning icon and the text "Error: cannot create CSV object.". At the bottom is an "OK" button.</p>	<p>Error happened not to create CSV object. The specified path does not exist in the database. Please re-start GlucoManager™ or check your hard disk.</p>

 <p>A warning dialog box with a blue title bar labeled "Warning" and a red close button. The message area contains a yellow warning triangle icon and the text "Please select a patient or enter a user's ID.". At the bottom is a single button labeled "OK".</p>	<p>Please select a patient or enter a user's ID.</p>
 <p>A warning dialog box with a blue title bar labeled "Warning" and a red close button. The message area contains a yellow warning triangle icon and the text "Do you want to leave without saving the change?". At the bottom are two buttons labeled "YES" and "NO".</p>	<p>Please make sure you want to leave without saving the change.</p>
 <p>A warning dialog box with a blue title bar labeled "Warning" and a red close button. The message area contains a yellow warning triangle icon and the text "Are you sure to leave GlucoManager™?". At the bottom are two buttons labeled "YES" and "NO".</p>	<p>Please make sure you want to leave GlucoManager™?</p>



## Troubleshooting

Troubleshooting Check	Action
 <p>A warning dialog box with a blue title bar labeled 'Warning' and a red close button. It contains a yellow warning icon and the text 'Invalid COM Port.' with an 'OK' button at the bottom.</p>	<p>Please re-check the COM Port.</p>
 <p>A warning dialog box with a blue title bar labeled 'Warning' and a red close button. It contains a yellow warning icon and the text 'Please make sure your meter is turned on to upload the data.' with an 'OK' button at the bottom.</p>	<p>Please turn on your meter.</p>
 <p>A warning dialog box with a blue title bar labeled 'Warning' and a red close button. It contains a yellow warning icon and the text 'Your meter is designed for Multiple Management. Please go back and select Multiple Management.' with a '確定' (OK) button at the bottom.</p>	<p>Your meter is designed for Multiple Management. Please go back and select Multiple Management.</p>
 <p>A warning dialog box with a blue title bar labeled 'Warning' and a red close button. It contains a yellow warning icon and the text 'Your meter is designed for Individual Management. Please go back and select Individual Management.' with a '確定' (OK) button at the bottom.</p>	<p>Your meter is designed for Individual Management. Please go back and select Individual Management.</p>

## CAUTION and IMPORTANT Messages

For reference, caution and important messages included in this guide are listed below.

### ■ CAUTION Messages

The following CAUTION messages are included in this User's Guide.

- To avoid the possibility of electrical shock, never perform a blood glucose test while the meter is connected to the computer.
- The **GlucoManager™** assumes a single glucose calibration type of whole blood.
- When you download test results from a device, the **GlucoManager™** does not differentiate between whole-blood and plasma calibrated on device.
- The **GlucoManager™** merely downloads the data with no calculations made.
- There are slight differences between the two calibrations. You should not mix data from meters that use different calibration references.
- Do not download data from any device that records more than one person's data. The **GlucoManager™** cannot identify more than one person's data.
- All data stored on a device is downloaded to the database for the person associated with the device in the **GlucoManager™**.

### ■ IMPORTANT Messages

- Please download data from your device often. Most devices hold only a limited number of historical records.
- Ensure that the time and date are correct on your computer and the meter.
- Always refer to the User's Guide for complete instructions on its use.
- Any data you download before will not be overwritten when you download again. Only the new data will be added to your file.

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