



**77 Elektronika Kft.**

## ***LiteLink mini USB***

*Wireless Data Download Device*

## ***Diatransfer 2***

*Diabetes Data Management Software*



***User manual***

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## 1 Introduction

Diatransfer 2 is diabetes data management software for the blood glucose monitoring systems of 77 Elektronika. This software helps doctors obtain up-to-date information on the health status of their patients, and makes it possible for them to interact in time during critical circumstances. The results of the patient's measurements may be transferred from the patient's location to the doctors via the Internet. Data can be uploaded to the Diatransfer 2 program, which operates on the patients' own PC, as well with a special infrared (IR) coupler, Lite Link, which is manufactured for the blood glucose meters of 77 Elektronika. Diatransfer 2 displays the measurement results as diagrams, calculates various statistics, and helps patients contact their healthcare professionals more easily via the Internet.

## 2 Overview of operating elements of Diatransfer 2

The entire blood glucose monitoring system consists of three parts:

- 77 Elektronika glucometer with built-in IR port.
- Lite Link mini USB—a wireless data download device.
- Diatransfer 2—diabetes data management software.

**77 Elektronika blood glucose meters** are designed to provide easy, accurate, and rapid testing of blood glucose levels. The test results stored in their memory can be downloaded through the IR interface of the meters. The following products are compatible with Lite Link and Diatransfer 2: SensoCard and SensoCard Plus; SensoLite Nova and SensoLite Nova Plus; and AutoSense and AutoSense Voice.

**The Lite Link** is an optical interface that transfers test results from the blood glucose meter. It is a wireless data download device that must be plugged into a USB port of a PC.

**The Diatransfer 2** is diabetes data management software that is supplied together with the Lite Link device. After test results are downloaded from the glucometer, they can be reviewed and evaluated by the program using different statistics, diagrams, and charts. Diatransfer was developed for diabetic patients as well as for doctors using the blood glucose meters of 77 Elektronika.

## 3 Installation

### 3.1. Minimum requirements and recommended conditions for Diatransfer 2

#### Software:

The minimum requirements of Diatransfer 2 are the same as those for the Microsoft Windows XP Professional Operating System.

- A 233 MHz or faster processor; 300 MHz is recommended
- 64 MB RAM; 128 MB is recommended
- 1.5 GB available hard disk space
- Keyboard, Microsoft mouse, or a compatible pointing device
- Super VGA (1024 x 720) or higher resolution video adapter and monitor

The recommended conditions for the operation of Diatransfer 2 are similar to those for the Microsoft Windows 7 Operation System.

- A 1 GHz or faster 32-bit (x86) or 64-bit (x64) processor
- 1 GB RAM (32-bit) or 2 GB RAM (64-bit)
- 16 GB available hard disk space (32-bit) or 20 GB (64-bit)
- DirectX 9 graphics device with a WDDM 1.0 or higher driver

PDF document reader software is highly recommended, because this software exports the statistical results of measurements in PDF format. While internet access is required in order to communicate with the doctor (for both consultation and supervision), Diatransfer can also be used without this function.

### 3.2 Installation of Diatransfer 2 Software

The program can be easily installed using the Diatransfer 2 Setup Wizard. The installation will start automatically when the CD is inserted. If the installation does not start automatically, double click the “setup.exe” file to start the process.

The following screenshots guide you step-by-step through the setup process.

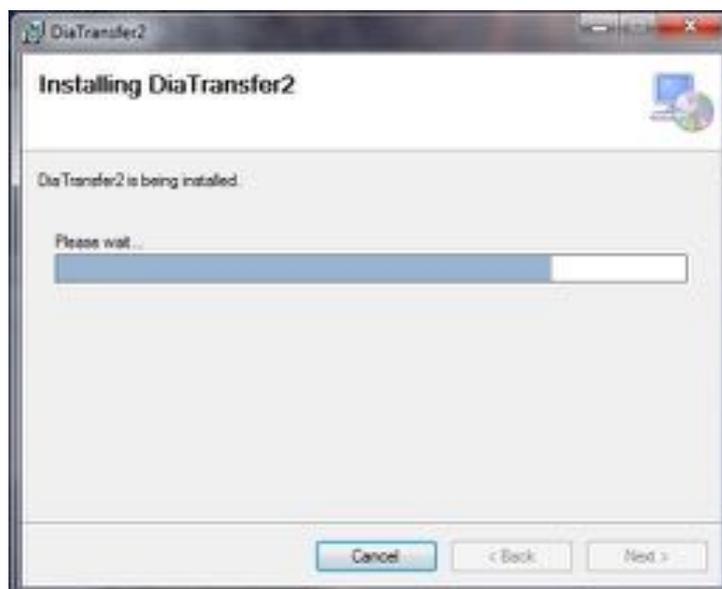


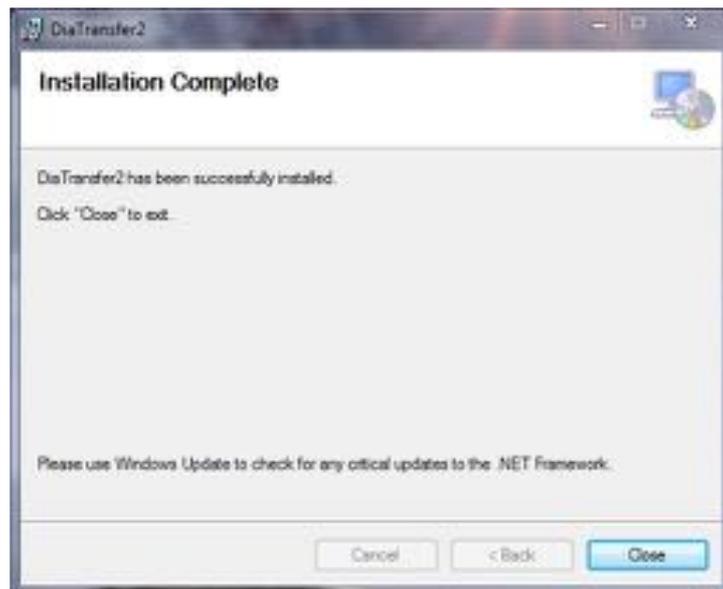
Use the Select Installation Folder page to specify the file system folder in which the program will be installed. Browse the target folder using the "Browse" button Go to the "Next" page to continue the process.





Please read the license agreement carefully. After the terms and conditions are accepted, the necessary files will be copied to the computer.





After the installation, there is no need to restart the computer; the program can be used immediately.

In order for the program to function properly, Microsoft .NET Framework 4 must be installed. The installation wizard automatically detects whether the .NET Framework is installed, and if it is not, the wizard completes the process.

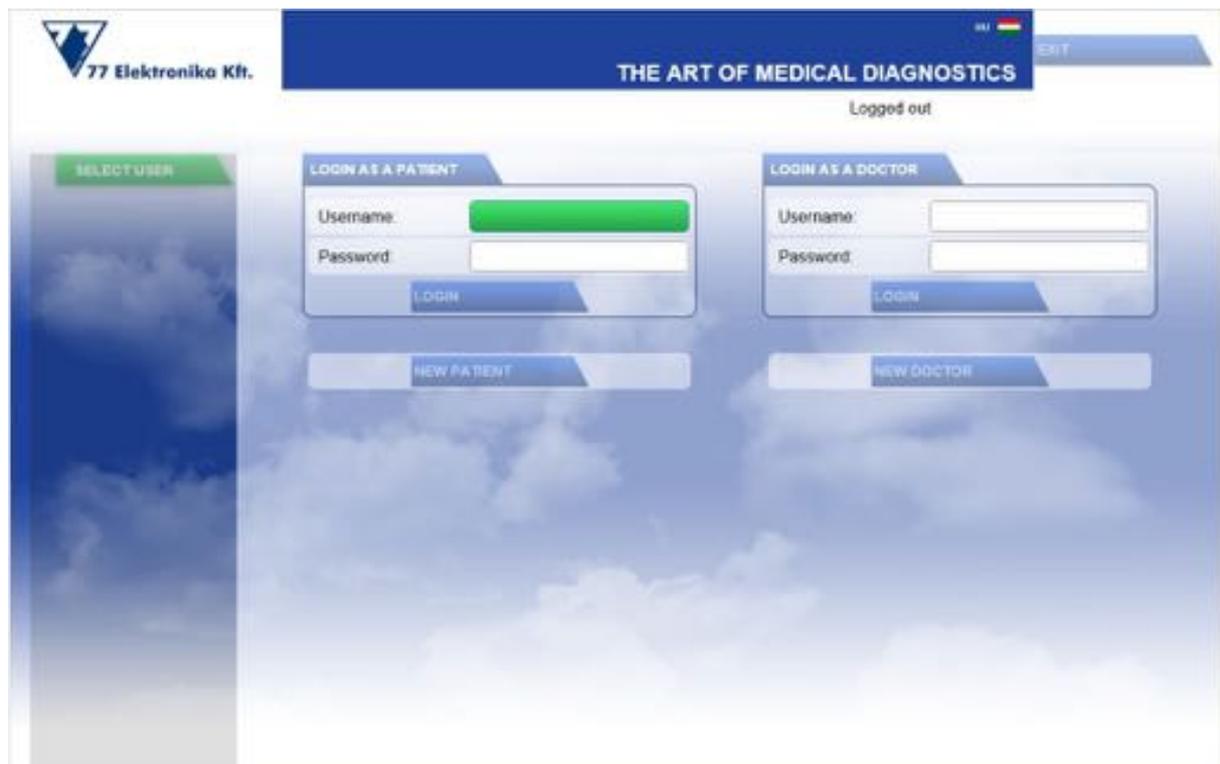
## 4 Using Diatransfer 2 software

### 4.1 Create user profiles, Log in

There are two types of user accounts: a patient account and a doctor account. There is no significant difference between these accounts, except that in patient mode, only one user profile can be accessed, while in doctor mode, a patient list can be created and multiple user profiles can be managed.

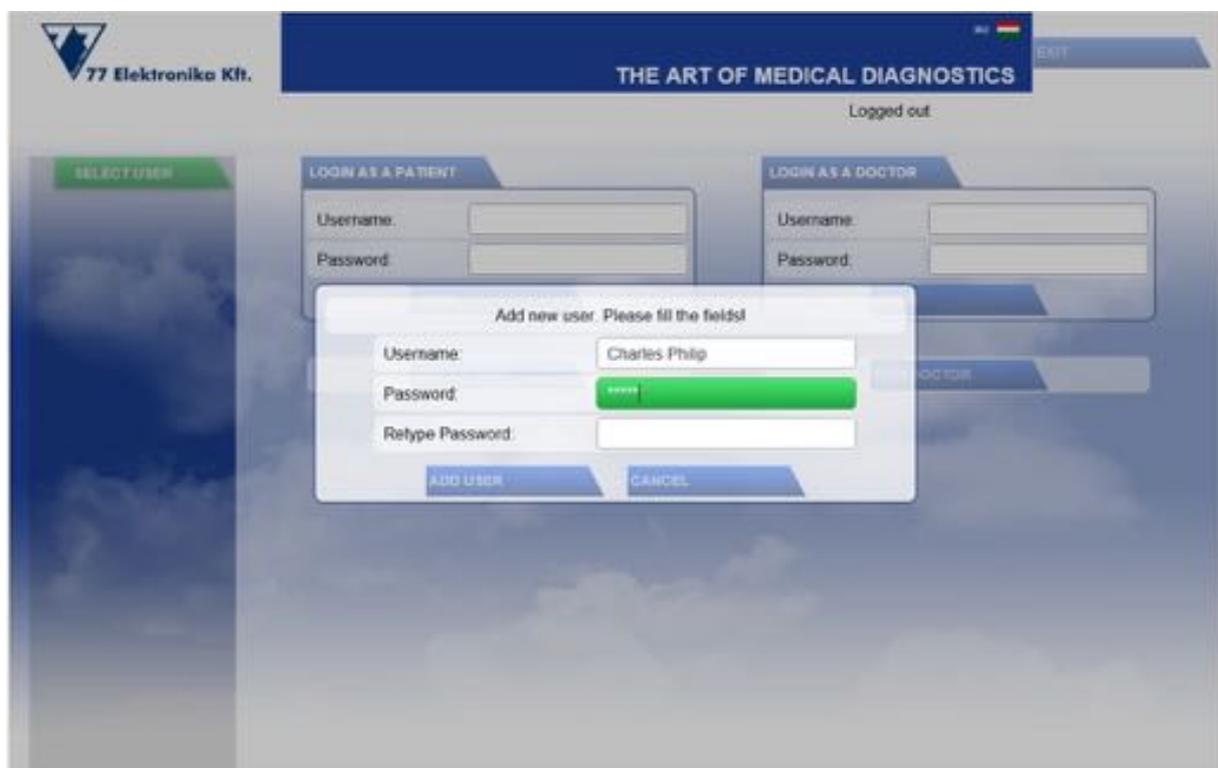
At the first launch of the program, these two types of users will appear on the home screen.

To use the program further, a user profile must be created.



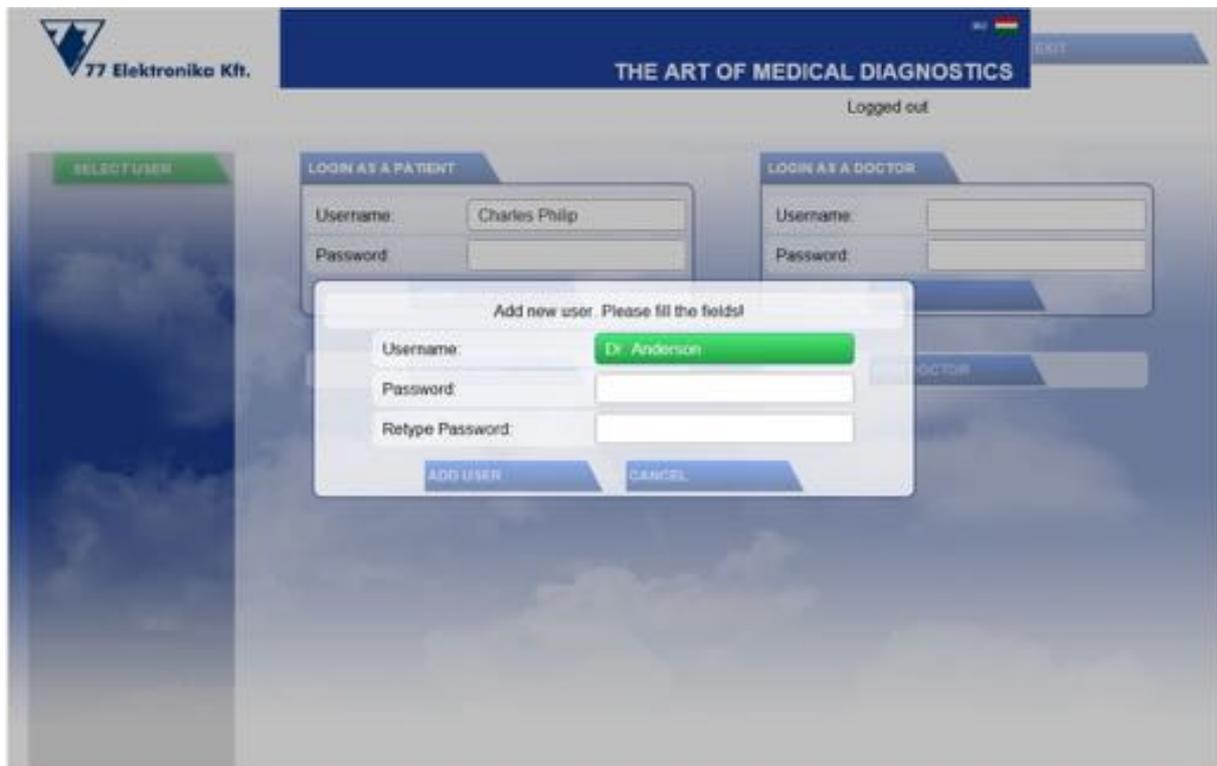
### 4.1.1. Create Patient profile

To create a new patient profile, click on the “NEW PATIENT” tab; you will find it under the “LOGIN AS A PATIENT” panel. A window will appear, in which you can enter your username and password. For security purposes, the password must be entered twice. Next, click “ADD USER.” The password protection is optional, and is probably not necessary if you are the only user of the PC (in this case, just leave the password field empty). If you are not the only user, password protection is recommended.



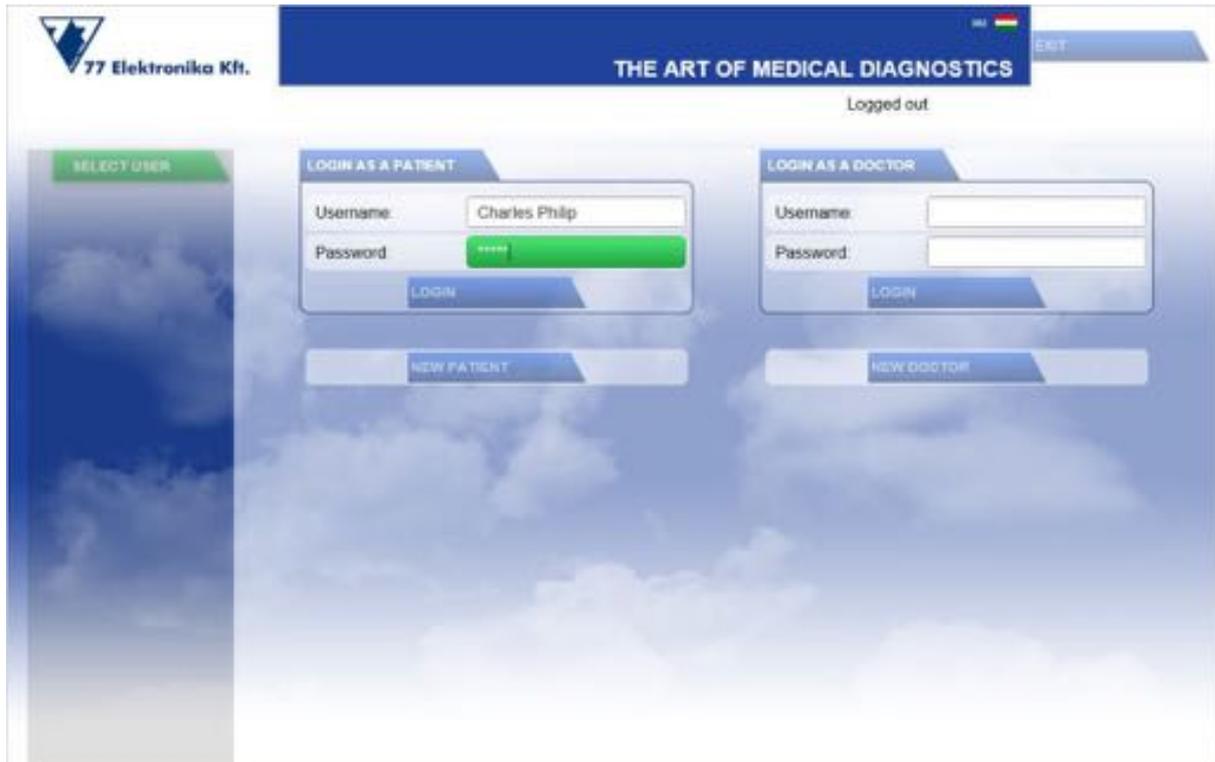
### 4.1.2. Create a Doctor profile

The steps involved in creating a doctor profile are quite similar to those used in creating a patient record. Go to the “Login as a doctor” window on the right-hand side of the home screen, then choose the “ADD NEW DOCTOR” tab. A window will appear, in which you assign a username and password to the profile. A password is not required, but is highly recommended in this case.



### 4.1.3. Login as a patient, log out, close the software

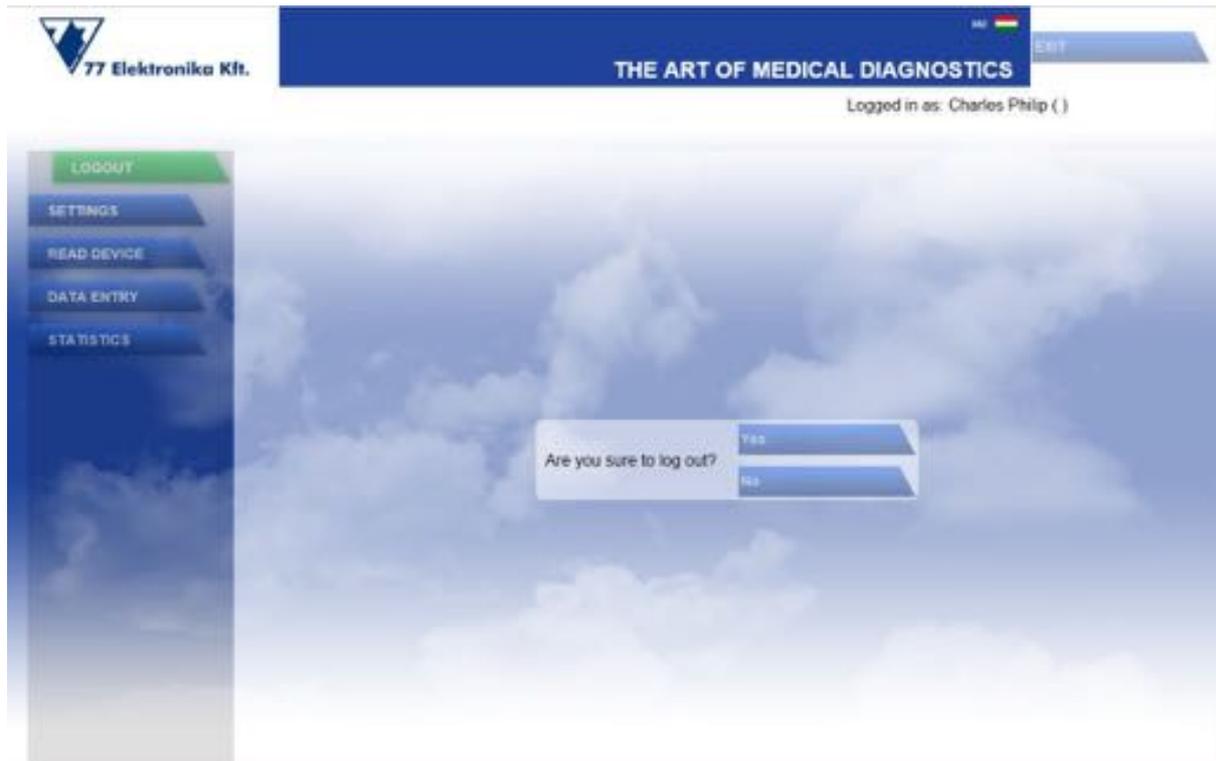
To log in to the system, choose the appropriate option: “Login as a patient.” Then enter your username and password in the proper fields.





To log out of the system, click on the “LOG OUT” panel. It is at the top of the menu bar on the left-hand side of the screen. The program will ask you for confirmation. To log out, click “YES.” To remain at this record, click “NO.”

Before closing the program, it is recommended that you log out first, then click “EXIT” (at the top right-hand side of the window). The program will then shut down.

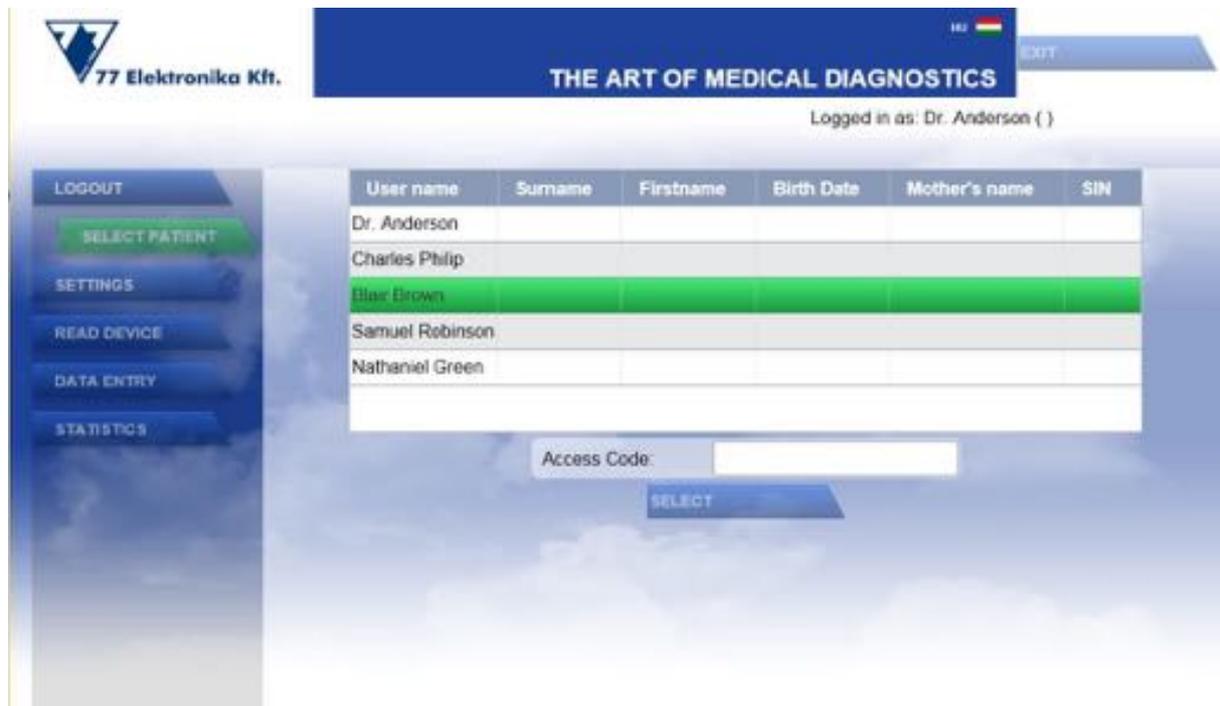


#### 4.1.4. Login as a doctor

To log in to the doctor's records, enter the username and password in the appropriate fields, then press the login button. First, a user heading panel appears, under which the patients are listed. The doctor may also have blood glucose monitoring profiles, which are listed along with the patients.

To open the patients' files, an access code is needed, which gives doctors access to their patients' data. The patient sets his/her doctor's personal access code (which your doctor will give you). The patient sets the access code at the Settings/Personal data/ menu (see also Section 4.2.1).

To choose one, just click on the selected patient and enter the correct code in the proper field. Then click "SELECT."



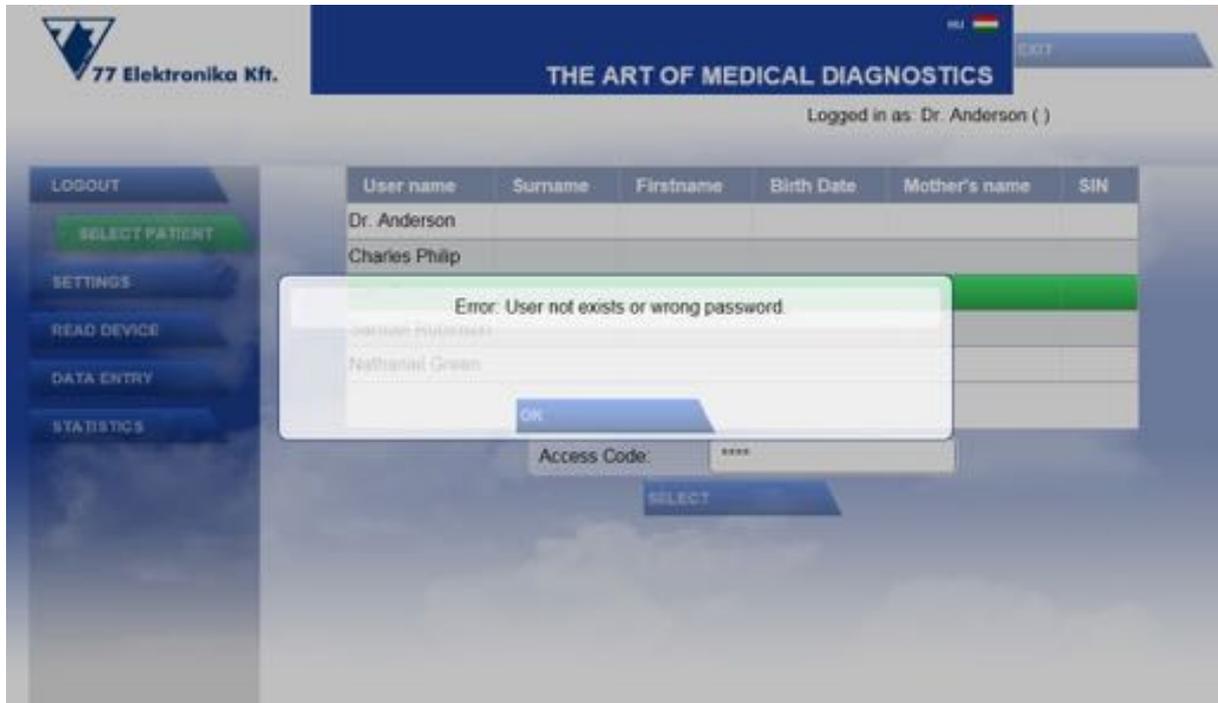
The screenshot shows the software interface for 'THE ART OF MEDICAL DIAGNOSTICS'. The user is logged in as 'Dr. Anderson'. A table lists several patients, with 'Blair Brown' selected. Below the table is an 'Access Code' input field and a 'SELECT' button.

User name	Surname	Firstname	Birth Date	Mother's name	SIN
Dr. Anderson					
Charles Philip					
Blair Brown					
Samuel Robinson					
Nathaniel Green					

Access Code:

**SELECT**

If the entered access code is incorrect, the program will send you an error message. Please check the spelling, and then try again.



After a successful login, the displayed patient tab is the same as it is in the patient's version (Description to follow). To change between patients, just click on "SELECT PATIENT" and enter the profile with the corresponding access code.

## 4.2. Settings

Use the “SETTINGS” menu to manage personal information, such as personal data, and important information about the patient’s state of health and diabetic condition. The “SETTINGS” menu is divided into the following 5 panels.

(The menu bar is on the upper side of the window; the buttons are in a horizontal display.) You can switch between panels by clicking the “NEXT” tab at the bottom of the screen, or by clicking on the selected tab at the top.

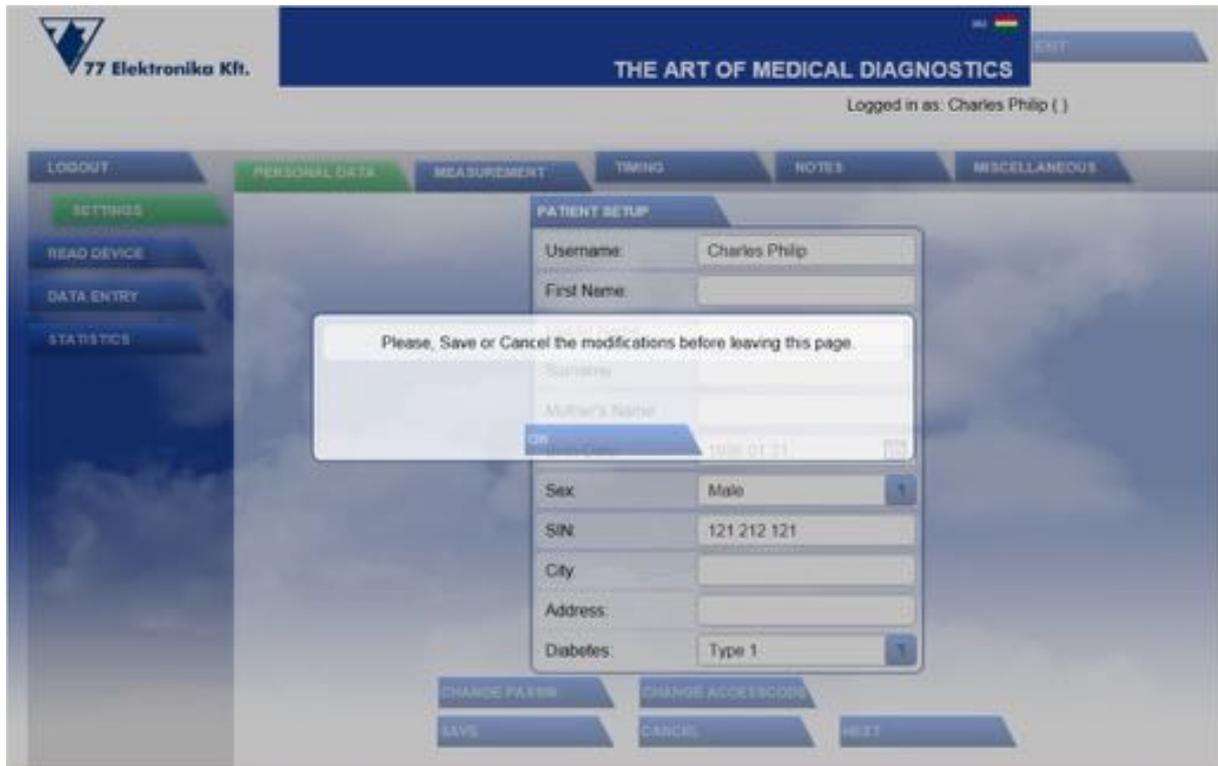
- PERSONAL DATA
- MEASUREMENTS
- TIMING
- NOTES
- MISCELLANEOUS

Switch to full screen mode, and then double click on the “ART OF MEDICAL DIAGNOSTICS.”



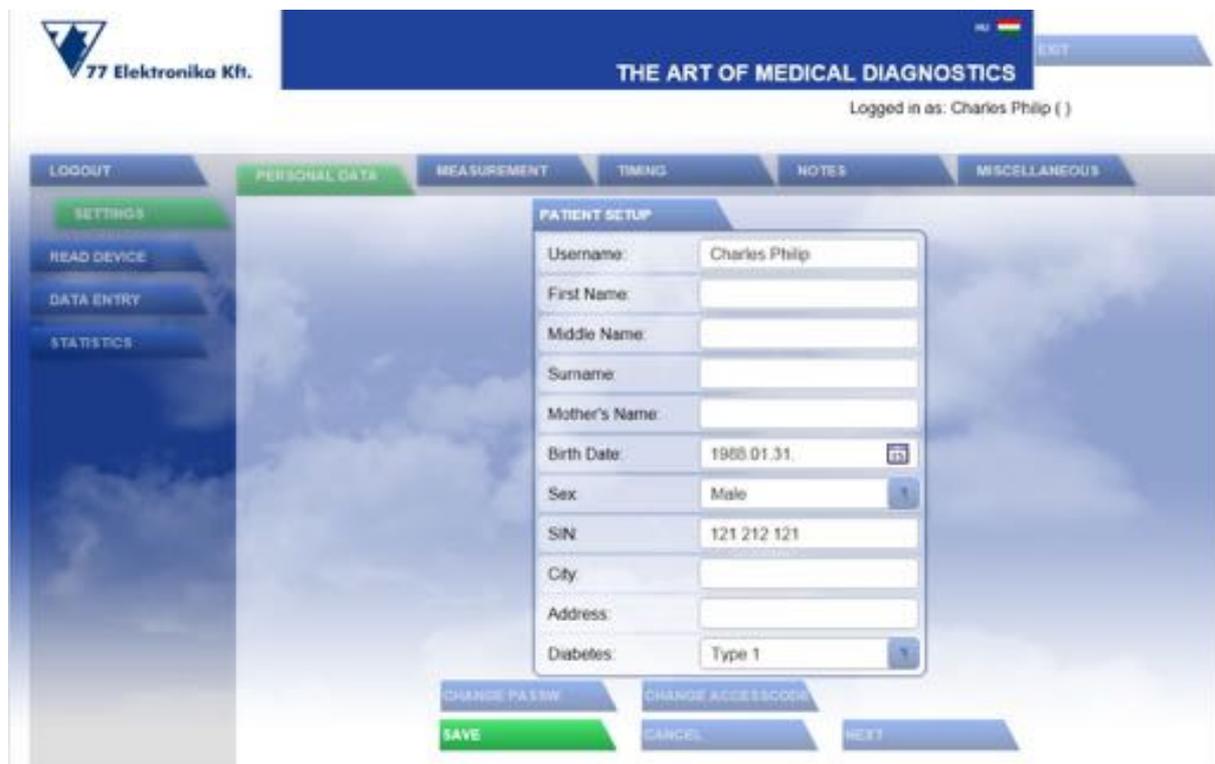
**Note:**

**To save any of the settings, the modifications must be accepted or rejected by clicking on the “SAVE” button or “CANCEL” button. In other cases, the program will send you a warning. These buttons are hidden until any modifications are made on the page. This applies to all sections of the program, so please remember this for each modification you make.**



### 4.2.1. Personal Data

In the “PERSONAL SETTINGS” panel, you can enter basic information, such as your first name, middle name, and surname, your mother’s name, and your birth date and sex. None of this information needs to be added, but it becomes important in the case of a doctor’s revision. It is highly recommended that you enter your social insurance number (SIN) and address (including city and street details), also for purposes of revision. The type of diabetes must be entered to facilitate the program’s calculations. The options are: “Type 1” (Diabetes), “Type 2” (Diabetes), “NONE,” and “Unknown.”

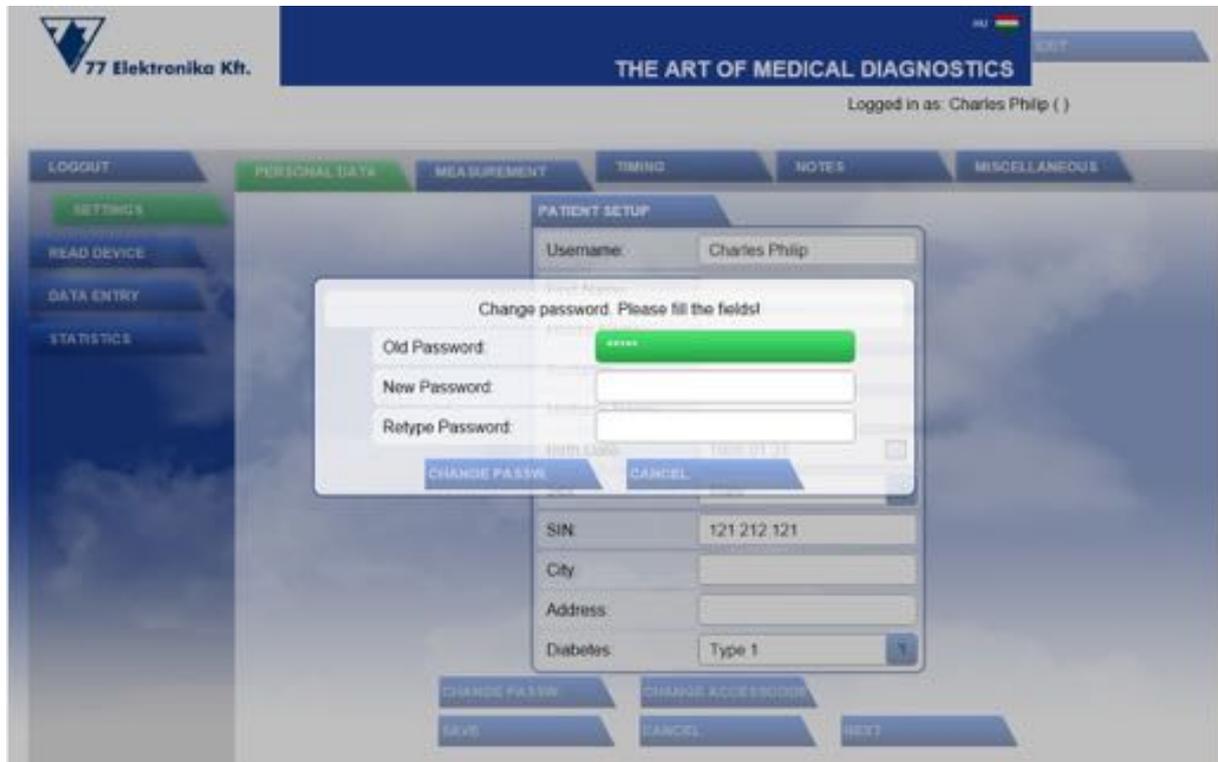


The screenshot shows the 'PERSONAL DATA' section of the software. At the top, there is a navigation bar with 'PERSONAL DATA' selected. Below it, a 'PATIENT SETUP' form is displayed with the following fields and values:

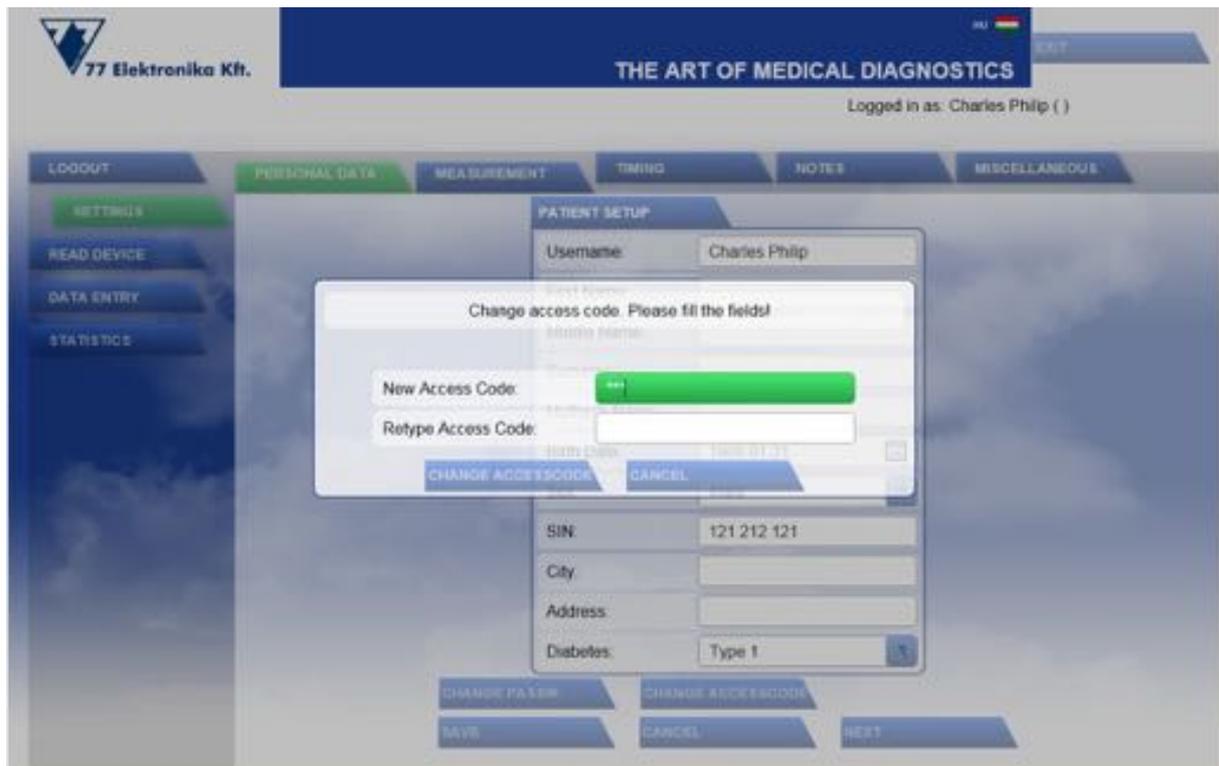
Username:	Charles Philip
First Name:	
Middle Name:	
Surname:	
Mother's Name:	
Birth Date:	1988.01.31
Sex:	Male
SIN:	121 212 121
City:	
Address:	
Diabetes:	Type 1

At the bottom of the form, there are buttons for 'CHANGE PASSWORD', 'CHANGE ACCESS CODE', 'SAVE', 'CANCEL', and 'NEXT'.

If you would like to change your login password, click on the button at the bottom of the screen: "CHANGE PASSWORD." A window will appear in which you first enter your old password, and then enter your new password twice, for confirmation.



If you would like to be supervised by your chosen doctor (such as your GP), an access code will be needed. This code allows your doctor to access your data after you send it to him/her. To allow this access, click the "CHANGE ACCESS CODE" button. You need to enter the code given by the doctor in the pop-up window twice, for confirmation. You can revise the code in the same way. Just type the new code twice; the old one is no longer needed.



### 4.2.2. Measurement

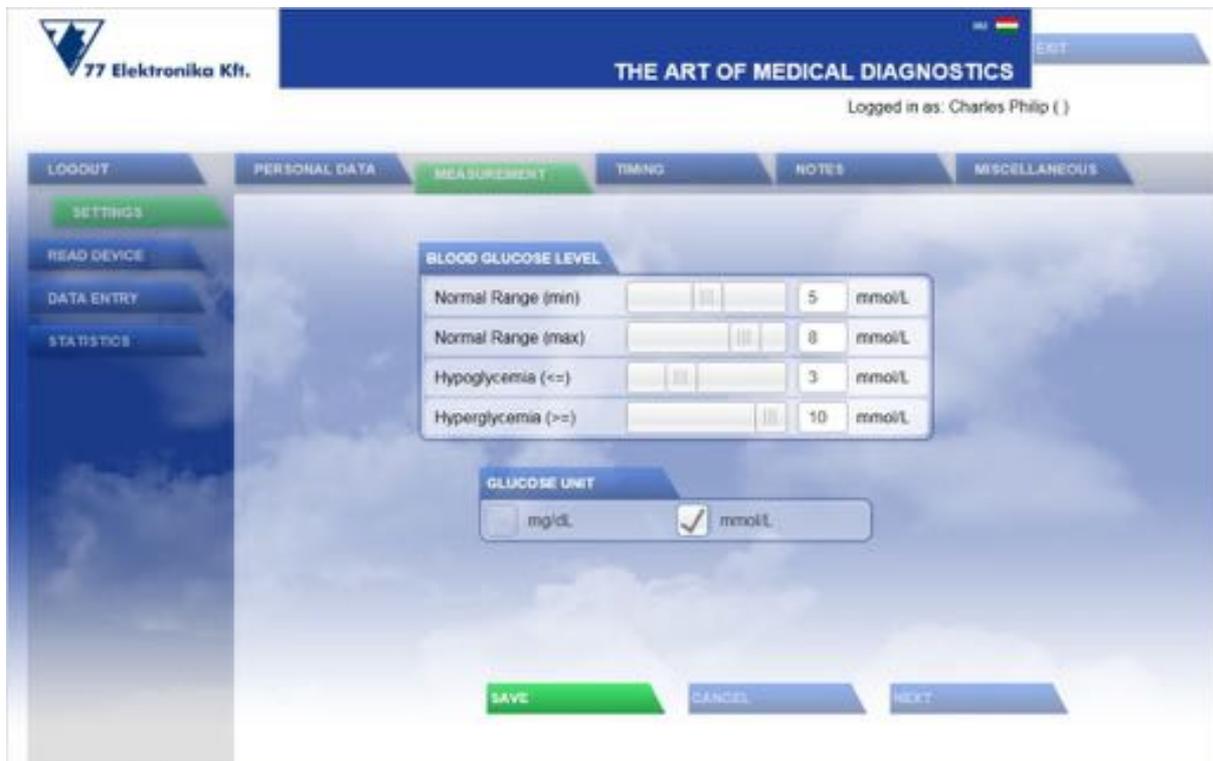
Use the measurement tab to set the normal ranges of your blood glucose level. The minimum and maximum values can be entered by moving the sliders.

The normal range is different for each person, and depends on his/her mealtimes. On average, the normal fasting blood glucose range for a non-diabetic adult is 70-110 mg/dL (3.9-6.1 mmol/l). One-hour after a meal, a normal blood glucose result should be less than 160 mg/dl (8.9 mmol/l).

Please consult your doctor about this.

The Hypoglycemia and the Hyperglycemia ranges can be specified using the same method.

The unit of measurement is optional. It can be specified as mg/dL or as mmol/L. Measurement results are transferred automatically to the selected unit of measurement. 1 mmol/l is equivalent to approximately 18 mg/dl. Both units of measurement are widely used.



### 4.2.3. Timing

Five mealtimes are normally prescribed for patients with diabetes. These five mealtimes can be specified in the Timing panel. The program assigns the measurement results' timing to the specified mealtime intervals. (This is important, because the measured values for one and a half hours before a mealtime are calculated differently in the statistics.) This helps to create a more accurate statistical record of the patient's condition.



**Note:**

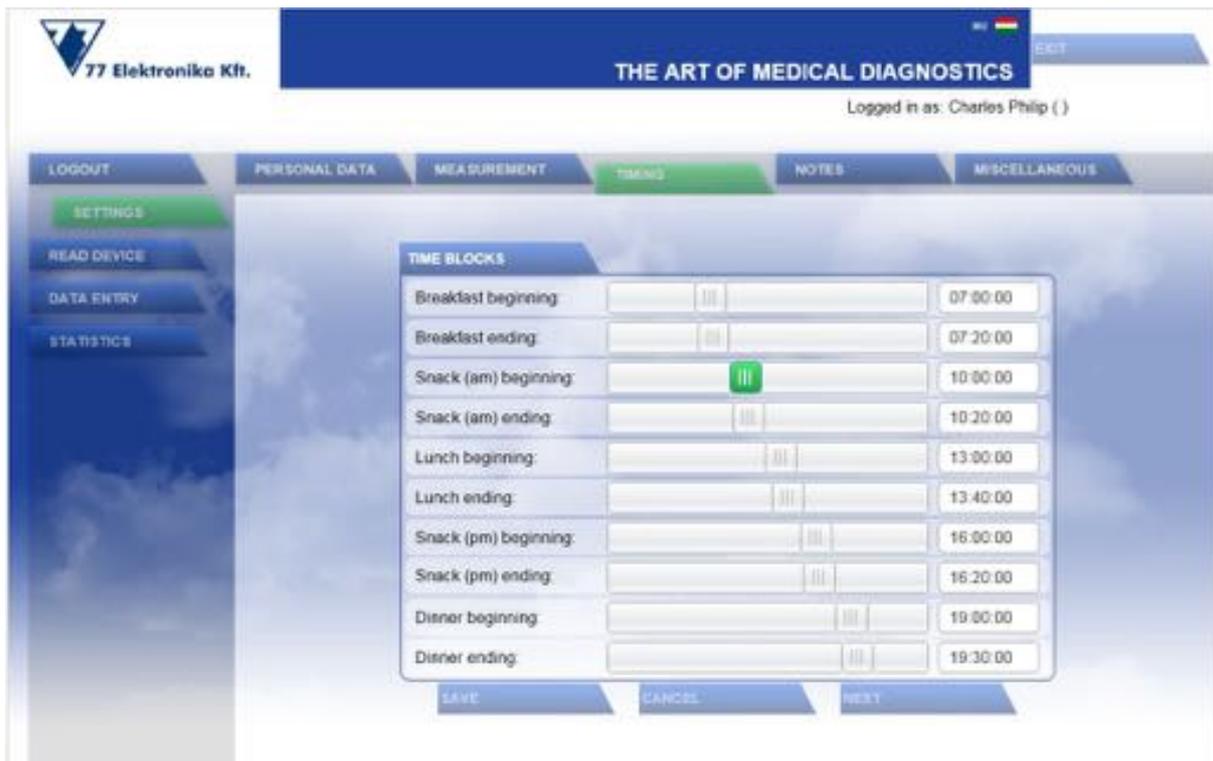
The program calculates the results before and after meals differently. Please be precise about setting the mealtimes.

The beginning and end of these five mealtimes can be set by moving the sliders.



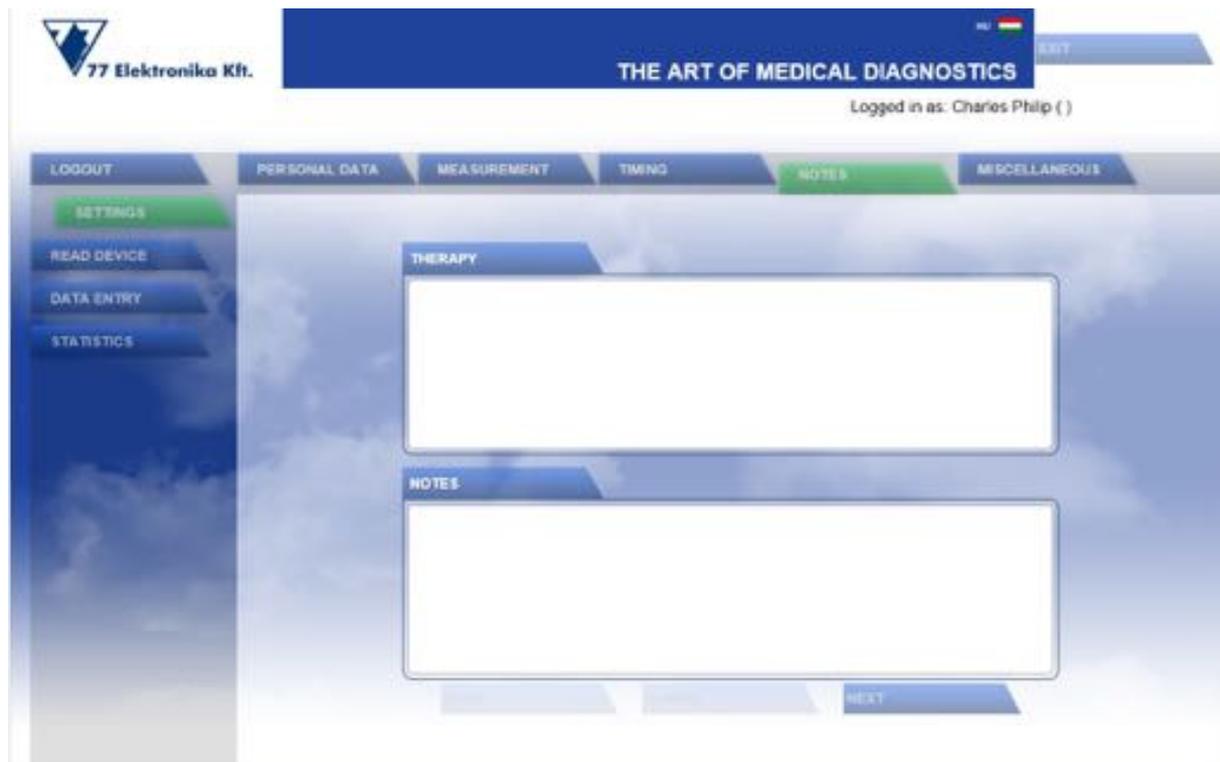
**Note:**

The mealtimes are ordered one after the other and cannot be combined. Mealtime durations are at least 5 minutes, and at least 5 minutes must have elapsed between two meals.



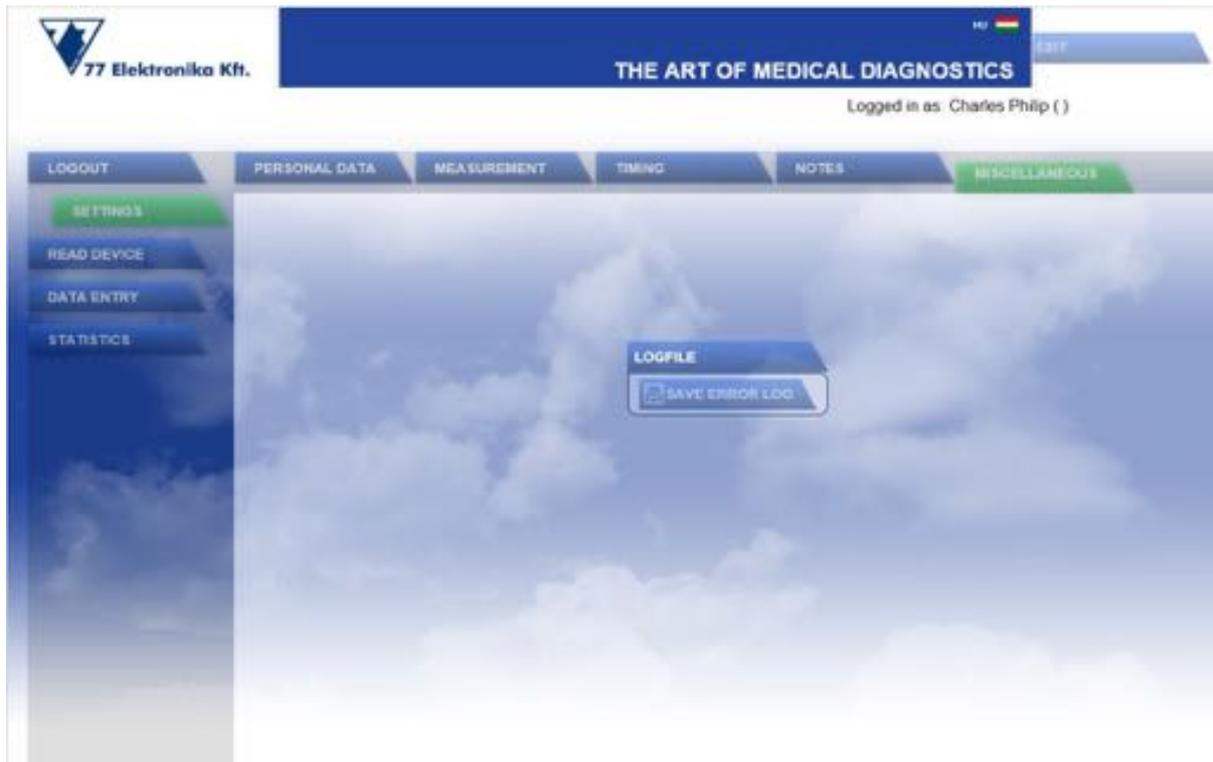
#### 4.2.4. Notes

The "NOTES" is the interface for describing the details of the therapy. These details can be written in the "THERAPY" window, and comments can be added in the "NOTES" window.



#### 4.2.5. Miscellaneous

When there is malfunction of the software, you can create a report of the problem. By clicking on the “SAVE ERROR LOG” tab, the software offers you a log in which to save your notes on errors, which can be sent to our developers. In order to receive feedback, please contact us at this e-mail address: [errorreport@e77.hu](mailto:errorreport@e77.hu)



If there is a serious problem, such as a crash, which stops the running of the program, a warning window will appear, in which an error report or the logfile can be sent to us.



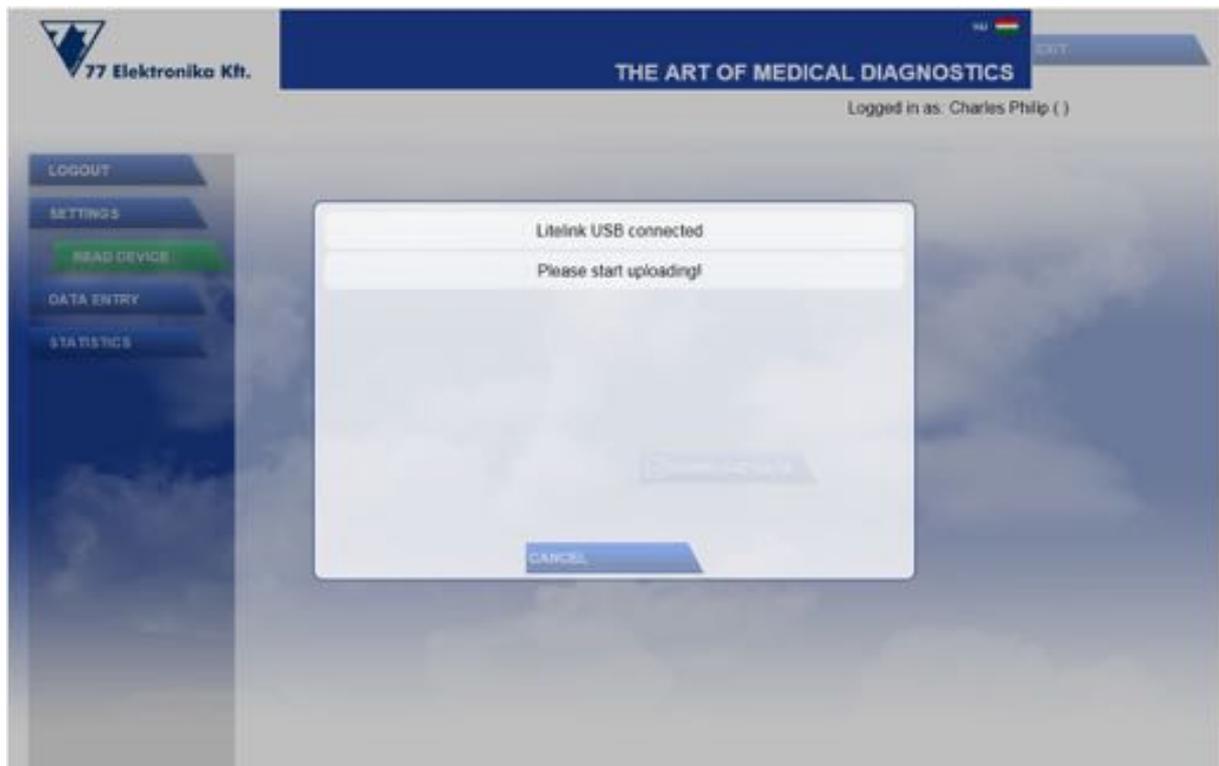
### 4.3 Read device

Use this menu function to upload data from the blood glucose meter through the infrared device (Lite Link).

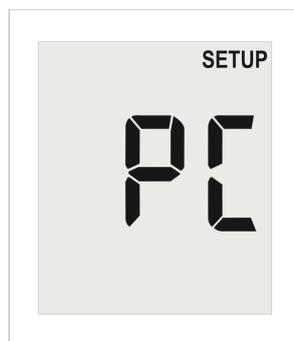
1. The Lite Link must be plugged into a USB port on your PC to establish communication between them. Connect the Lite Link device.
2. Click on the “DOWNLOAD DATA” button in the “READ DEVICE” window.

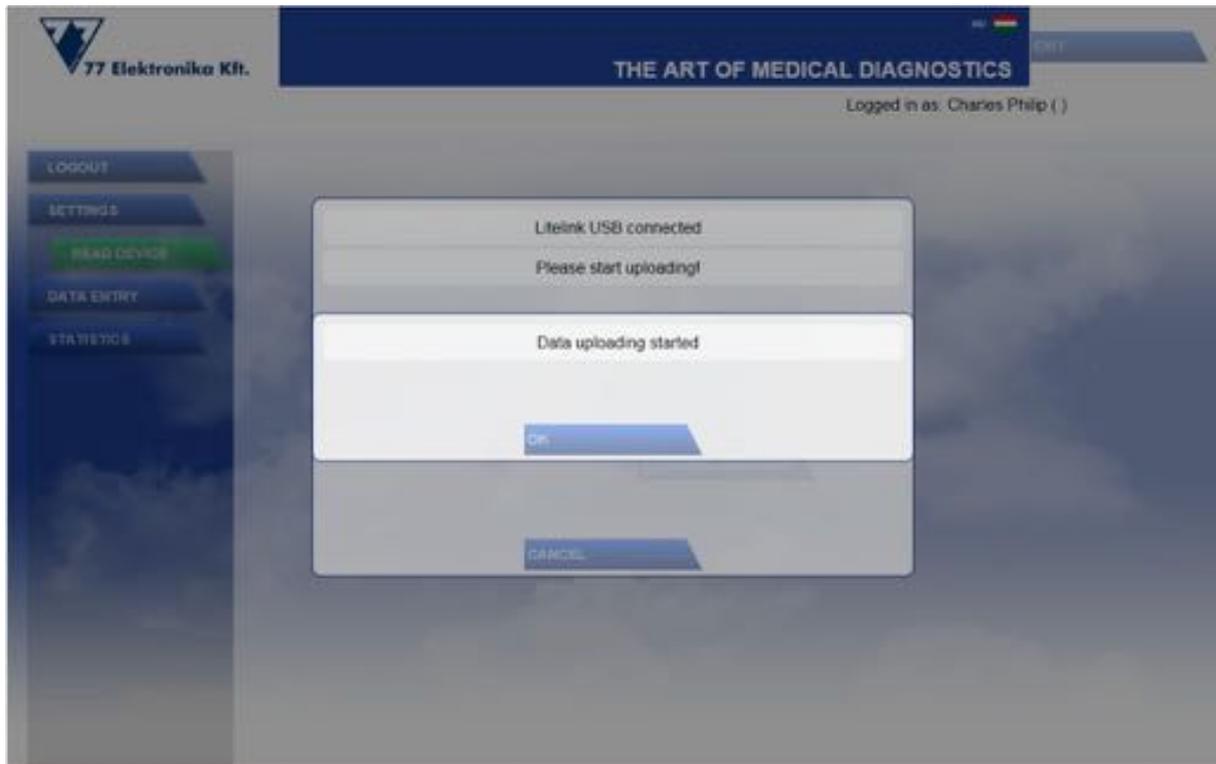


3. The software automatically detects the presence of the connected Lite Link device.

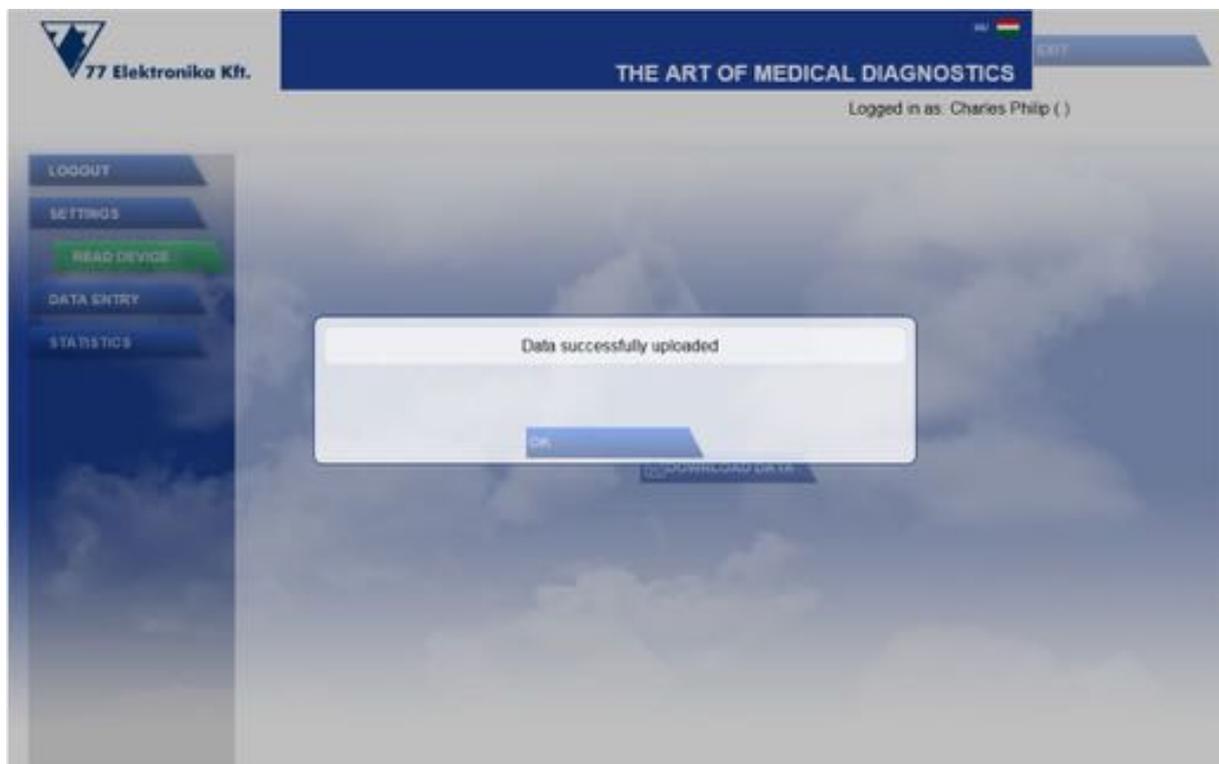


4. Switch the glucose meter to "PC" mode and place it close to the infrared device (at a maximum distance of 20 cm), as described at the device's user manual. The data transfer can be initiated at the glucose meter. Wait patiently while the data is being uploaded.

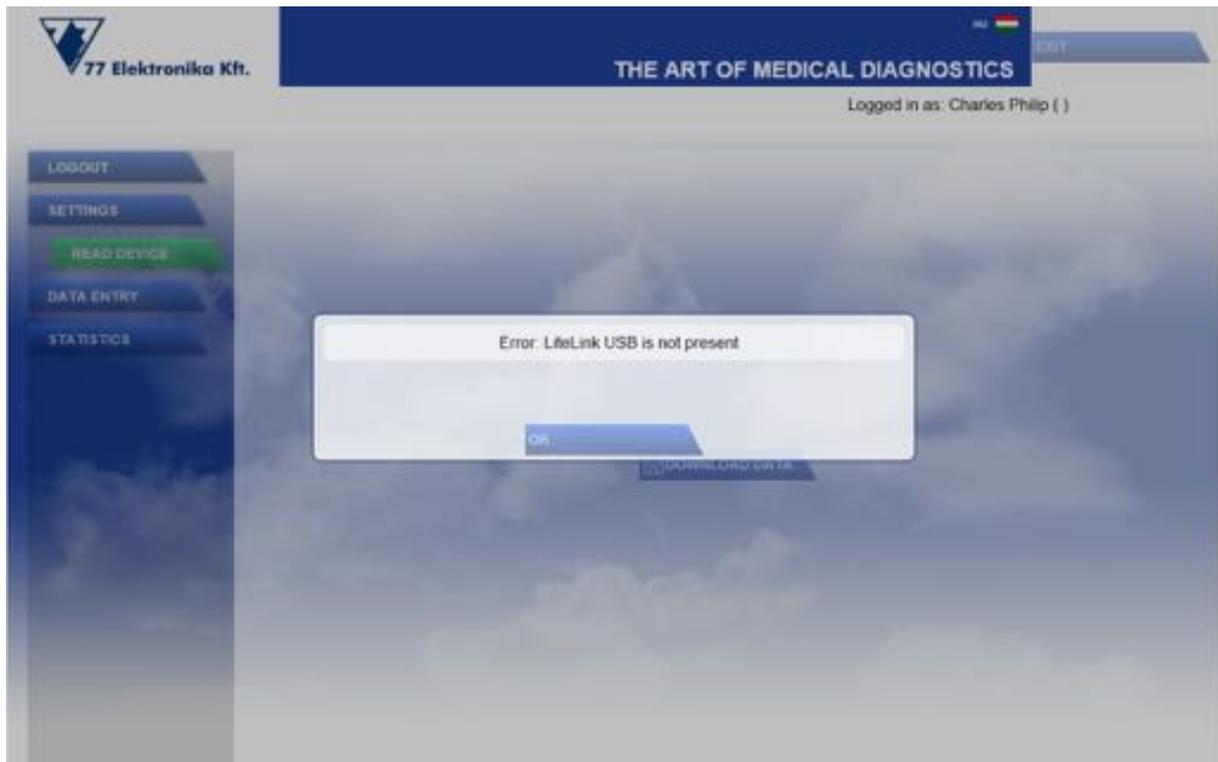




5. When the data transfer is complete, the program sends a message: "DATA SUCCESSFULLY UPLOADED."

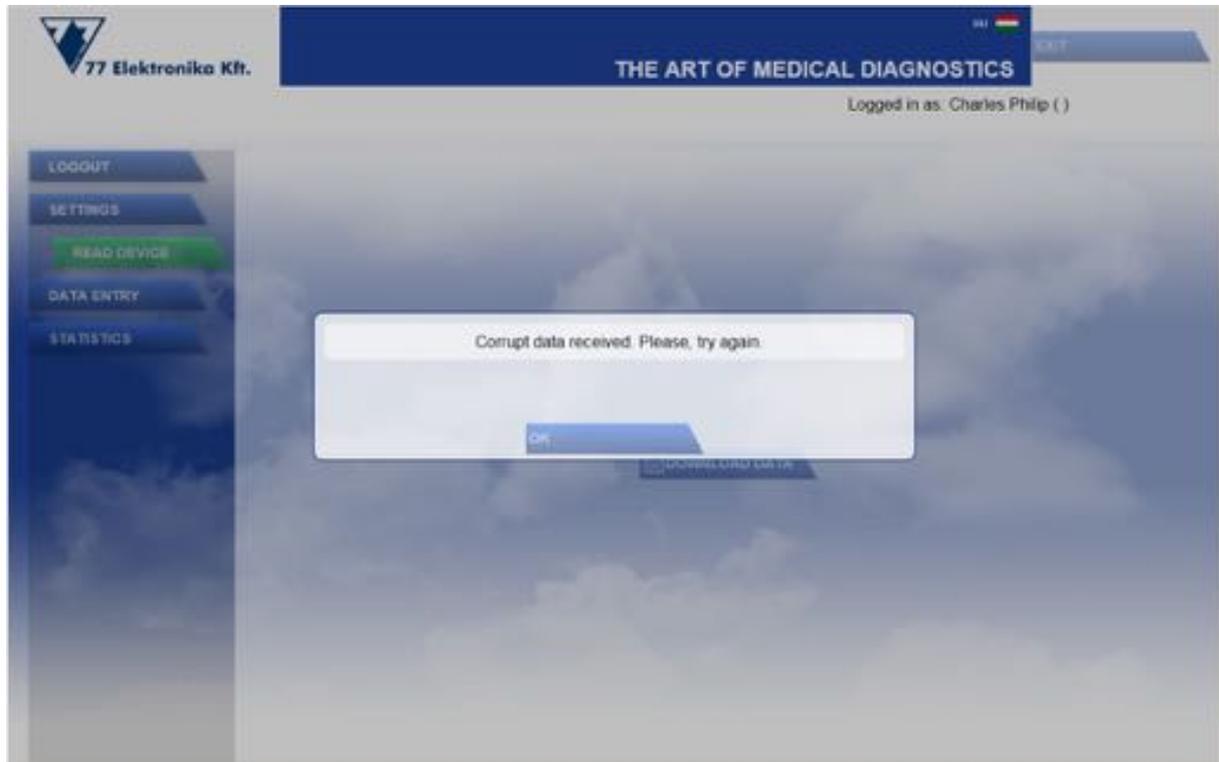


- If the PC does not detect the Lite Link, a warning pop-up window appears. If this happens, remove the device and place it close again, then click on the “DOWNLOAD DATA” button again. When the PC detects the Lite Link device, the data transfer can begin.



- If the data transfer is unsuccessful, the program displays an error message.

- Error messages
  - Unknown device. Do you want to send an error report to the manufacturer?  
This warning may appear if the PC does not recognize the device. Please carefully review the list of compatible devices. (See more in Section 2: Overview of the operating elements, 77 Elektronika blood glucose meters)
  - Corrupt data received. Please try again.  
This message appears if there is some communication problem between your PC and the measuring device, or if there is an uploading problem. Please check your meter and try again.



8. After a successful data transfer, the glucose meter switches off automatically.
9. The Lite Link can then be removed safely.

## 4.4 Data entry

The screenshot displays the 'DATA ENTRY' interface. On the left is a sidebar with buttons for LOGOUT, SETTINGS, READ DEVICE, DATA ENTRY (highlighted), and STATISTICS. The top header includes the company logo and name '77 Elektronika Kft.', the slogan 'THE ART OF MEDICAL DIAGNOSTICS', and the user 'Logged in as: Charles Philip ( )'. The main area is divided into three sections:

- INSTRUMENTS:** A table listing devices.
 

Type	Version	Serial Number
Dcont Ideal	60	F3030000
Dcont AutoSense 61		25060313
- MEASUREMENT:** A table showing recorded data points.
 

Timestamp	Value
2012.01.06. 19:51:00	24.70 mmol/L
2012.01.06. 19:49:00	18.90 mmol/L
2012.01.06. 19:48:00	19.40 mmol/L
2012.01.06. 19:46:00	13.00 mmol/L
2012.01.06. 19:45:00	12.80 mmol/L
2012.01.06. 19:44:00	8.40 mmol/L
2012.01.06. 19:42:00	8.70 mmol/L
2012.01.06. 19:40:00	3.30 mmol/L
2012.01.06. 19:39:00	3.60 mmol/L
- DATA VALUES:** A form for editing a selected measurement.
 

Value: 30.3

TimeStamp: Saturday, February 04, 2012 12: [calendar icon]

Marker:  Proneal

Plazma:  Postmeal

Hypo:  Sport

Ignored:

DESCRIPTION: [text area]

At the bottom, there are buttons for EXPORT, IMPORT, SAVE, and CANCEL.

This tab displays all the recorded data for checking and correcting false measurements. The upper table lists the devices, and the lower table, the corresponding data. The measurements can be chosen from this menu, which displays the details in the "DATA VALUES." Here, the parameters can be edited. Please make sure that the time setting is correct. If you had a problem with the time setting on the measuring device, this can be corrected here. Just click on the little calendar icon, and adjust the timing to make it correct.



There are seven types of marks to specify the data characteristics:

“MARKER”	If the measurement does not seem right, or may not be correct; for example, control measurements
“PLAZMA”	Measurement from plasma
“HYPO”	Measurement in the hypo section
“IGNORED”	Unwanted results; the statistics will not include these.
“PREMEAL”	Before-meal mark
“POSTMEAL”	After-meal mark
“SPORT”	Measurement after sports activity

Brief comments, such as notes on measurement modifications or symptoms that accompany a given measurement can be tagged to each measurement. This is done in the “DESCRIPTION” window.

There is an option in which once can export all data. This is one of the most important features of the program, as the exported database can be sent to your doctor, who imports and reviews it, and can also leave comments or therapy tips. (The “THERAPY” and “NOTES” interfaces in the SETTINGS section are especially designed for this.)

Choose “EXPORT” and save the .d2e file, then send it in an e-mail. The import database is quite similar; just click “IMPORT” and choose the right file (.d2e format).

## 4.5 Statistics

Diatransfer 2 consists of four parts:

- Blood glucose diary
- Timeline
- Daily averages
- Statistics

These sections can be found side-by-side in a horizontal display at the top of the window. Use the two sliders above this menu bar for setting the time and the period. With the top slider, you can set the last day of the review period. With the bottom one, you can adjust the length of the period, which can vary from 7 to 180 days.

The second table lists the measuring device(s). Here, when you choose a device, the Blood glucose diary, Timeline, and Statistics underneath show the corresponding values. To display all the measurement values (from all devices), please do not select any of them. Hold the CTRL button and click on the marked measurement in order to unmark it.



### Note!

**It is recommended that one device be used by only one person. If a measuring device is used by more than one person, the program will not be able to separate the data, which can lead to incorrect diagnosis.**



### Note!

**The Statistics menu is hidden until the measurements are uploaded.**



### 4.5.1. Blood Glucose Diary

The blood glucose diary displays the measurement data in a tabular format, similar to typical blood glucose diaries in a paper format; it displays the times with the measurement results. These values are already checked, and if necessary, they can be corrected or marked in the “DATA ENTRY” section. (The program shows the marks added to the results along with the comments.)

The values are color-coded to denote the following ranges:

- red – hyper,
- pink – high
- black – normal
- yellow - low
- blue – hypo

These color codes are applied to all sections with statistics. (Daily averages, Statistics)



The screenshot shows the 'THE ART OF MEDICAL DIAGNOSTICS' software interface. The top bar includes the company logo, the title 'THE ART OF MEDICAL DIAGNOSTICS', and the user 'Logged in as: Charles Philip ()'. Below the title bar, there are input fields for 'Last day in statistics' (2012.12.19) and 'Date range in days' (14 days). A table on the right lists device types: 'Dcont Ideal' (Version 60, Serial Number F3030000) and 'Dcont Autosense 61' (Serial Number 25900313). The main area is a 'BLOOD GLU. DIARY' table with columns for Timestamp, Value, Ignore, Marker, Plasma, Hypo, Premeal, Postmeal, Sport, and Description. The table contains several rows of data, with one row highlighted in red indicating a low value: '2012.12.15. 8:31:00 10.10 mmol/L'.

Timestamp	Value	Ignore	Marker	Plasma	Hypo	Premeal	Postmeal	Sport	Desc
2012.12.18. 4:48:00	6.20 mmol/L	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2012.12.17. 17:47:00	9.70 mmol/L	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2012.12.17. 17:46:00	5.50 mmol/L	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2012.12.17. 4:31:00	5.30 mmol/L	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2012.12.16. 4:32:00	7.00 mmol/L	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2012.12.15. 17:58:00	6.50 mmol/L	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2012.12.15. 17:56:00	8.90 mmol/L	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2012.12.15. 8:31:00	10.10 mmol/L	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2012.12.13. 2:41:00	7.90 mmol/L	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2012.12.12. 13:09:00	8.20 mmol/L	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

If “LO” is displayed as a result after testing, this means that the measured value is too low, and is out of the measurement range!

If “HI” is displayed as a result after testing, this means that the measured values is too high, and is out of the measurement range!

In either HI or LO appears, contact your healthcare professional immediately.

Also, if the program displays HI or LO, the measurement is out of the glucose meter’s normal range and the exact value cannot be displayed, either on the meter or on the computer.

Incorrect high or low results may have serious medical consequences. If your blood glucose is unusually high (higher than 16 mmol/l) or low (lower than 3 mmol/l), or if you question your results, repeat the test more carefully using a new strip. Consult your healthcare professional before making significant changes to your diabetes medication program. Do not ignore physical symptoms.

## 4.5.2. Timeline

The results are displayed here in a graphical format. The blood glucose values are located on the vertical axis. The values can be displayed in units of mmol/L or mg/dL, depending on the unit settings. (To find the setting, go to: Settings, Measurement, and Glucose Unit). The horizontal axis represents the time values. The chart can be controlled with the mouse. When you point on a measurement (rep point on the curve), the parameters are displayed. You will see the actual measured value, the time, when the measurement was made, and any flags that may be connected to that value.

The two green horizontal lines define the normal range (as was set in the Settings menu, under Measurement values). This range includes the values that represent healthy results for the person. The two horizontal red lines define the adjusted acceptable zone. If a value is outside of this range, contact your healthcare professional immediately.

The diagram can be enlarged by scrolling with the mouse. It can also be zoomed out in the same way, by moving backwards. To move the chart to the left or the right just click, hold the button, and drag the diagram.



### 4.5.3. Daily averages

This tab displays the averages, the extreme values, and the deviation of the measurements in a daily unit, like a logbook.

The measurement results are assigned to the timing settings (Settings/ Timing/ Time blocks). The program automatically pairs results with the corresponding mealtimes (based on the time setting on both the measuring device and on the program) Marks can specify these values. For example, the “PREMEAL” mark automatically assigns it to the appropriate pre-mealtime interval.

The screenshot displays the 'Daily Averages' tab in the software. The interface includes a sidebar with navigation options: LOGOUT, SETTINGS, READ DEVICE, DATA ENTRY, and STATISTICS. The main content area shows a table of daily statistics for blood glucose measurements. The table has columns for Day, Date, Measurements, Mean value, Lowest value, Highest value, SD, and Before Breakfast. The data is as follows:

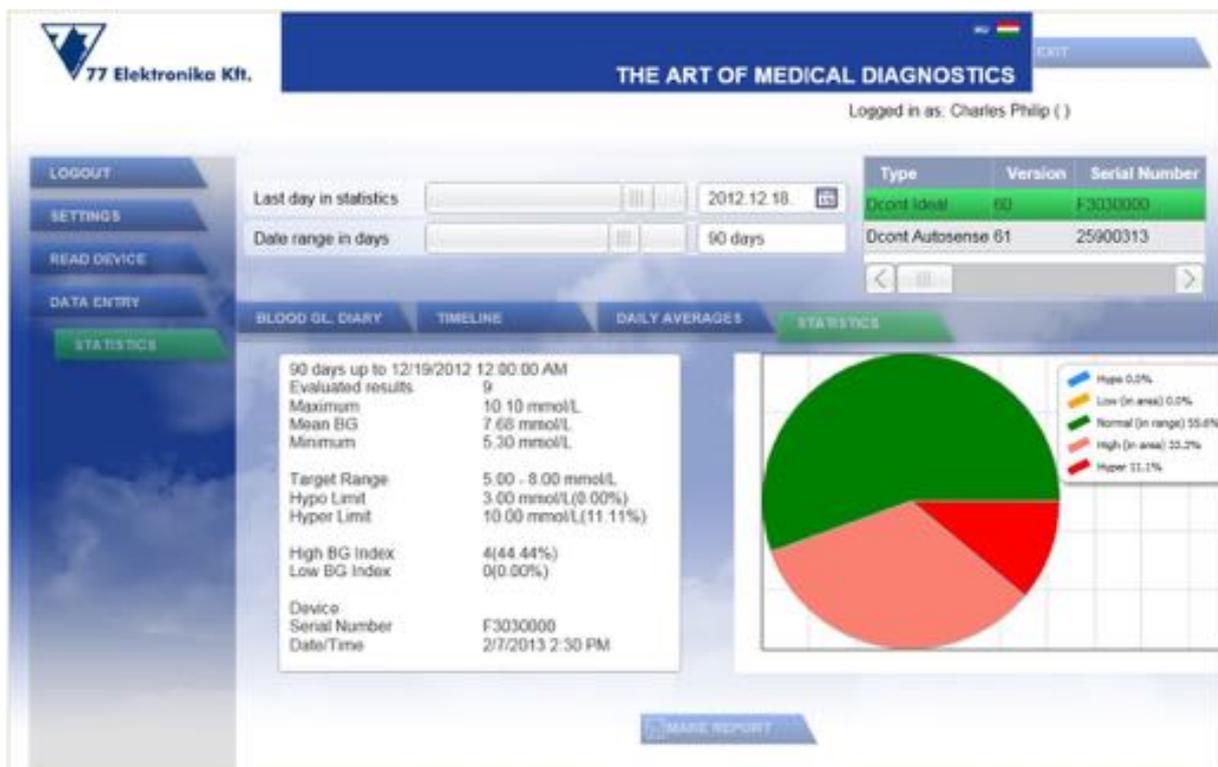
Day	Date	Measurements	Mean value	Lowest value	Highest value	SD	Before Breakfast
Tue	2012.12.18.	1	6.20 mmol/L	6.20 mmol/L	6.20 mmol/L	0.00 mmol/L	6.20 mmol/L
Mon	2012.12.17.	3	6.83 mmol/L	5.30 mmol/L	8.70 mmol/L	2.03 mmol/L	5.30 mmol/L
Sun	2012.12.16.	1	7.00 mmol/L	7.00 mmol/L	7.00 mmol/L	0.00 mmol/L	7.00 mmol/L
Sat	2012.12.15.	3	6.50 mmol/L	6.50 mmol/L	10.10 mmol/L	1.50 mmol/L	
Thu	2012.12.13.	1	7.90 mmol/L	7.90 mmol/L	7.90 mmol/L	0.00 mmol/L	7.90 mmol/L
Wed	2012.12.12.	1	8.20 mmol/L	8.20 mmol/L	8.20 mmol/L	0.00 mmol/L	

Additional interface elements include a sidebar with 'LOGOUT', 'SETTINGS', 'READ DEVICE', 'DATA ENTRY', and 'STATISTICS' (highlighted). The top header shows '77 Elektronika Kft.' and 'THE ART OF MEDICAL DIAGNOSTICS'. The main content area has a search bar for 'Last day in statistics' (2012.12.19) and 'Date range in days' (180 days). A table on the right shows device information: Type (Dcont Idew), Version (00), Serial Number (F3030000), and Dcont Autosense (61, 25900013).

#### 4.5.4. Statistics

On this tab, Diatransfer 2 summarizes the measurement results (including the edited results and ignoring the marked ones) and calculates the statistics for the specified period. (The period can be set with the sliders at the top.) These calculations show how many results were evaluated, as well as the minimum and maximum values, including the mean blood glucose results.

The hypo, hyper, low, high, and normal ranges are displayed in pie chart format with different colors. The color scheme is the same as was shown earlier, in the “Blood gl. diary” or the “Daily averages” tabs.



From this information, the software can create report, which can be downloaded and saved in PDF format. On this report, the heading gives the patient’s name, birthdate, and the time the report was created. The document itself displays the averages, the deviation, the range limits, and the pie chart format of the results with a timeline diagram. This report is a great help for your doctor when you have a medical examination, as it gives him/her a more complete picture of your health status.

First press the “MAKE REPORT” button; then you can download the report as a PDF document. The PDF report can be easily printed; just click on “Print” or push the “CTRL”+ “P” buttons.