Smokerlyzer® Range

For use with Micro+ pro, baby, & basic

COdata+ Software User manual

CE

coVita™
breath analysis is the new blood test

bedfont®

Scientific contributions to health.

Contents

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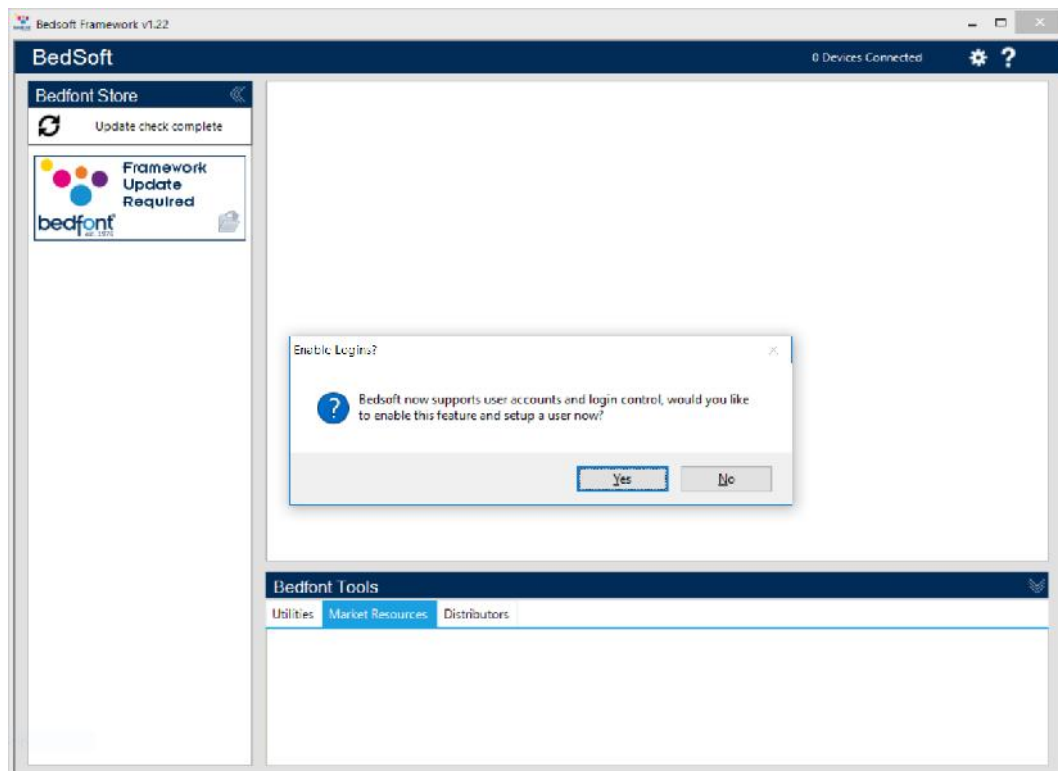
Welcome to COdata⁺™

This manual outlines the basic functionality of the software, and guides you through how to use each function. COdata⁺™ can be used with the Smokerlyzer® monitors to store, download and analyse results.

For further information about the piCO™, piCO$_{baby}$™ and Micro⁺™ Smokerlyzer® monitors, please see the printable manuals which can be accessed via the help menu ❓ within the software.
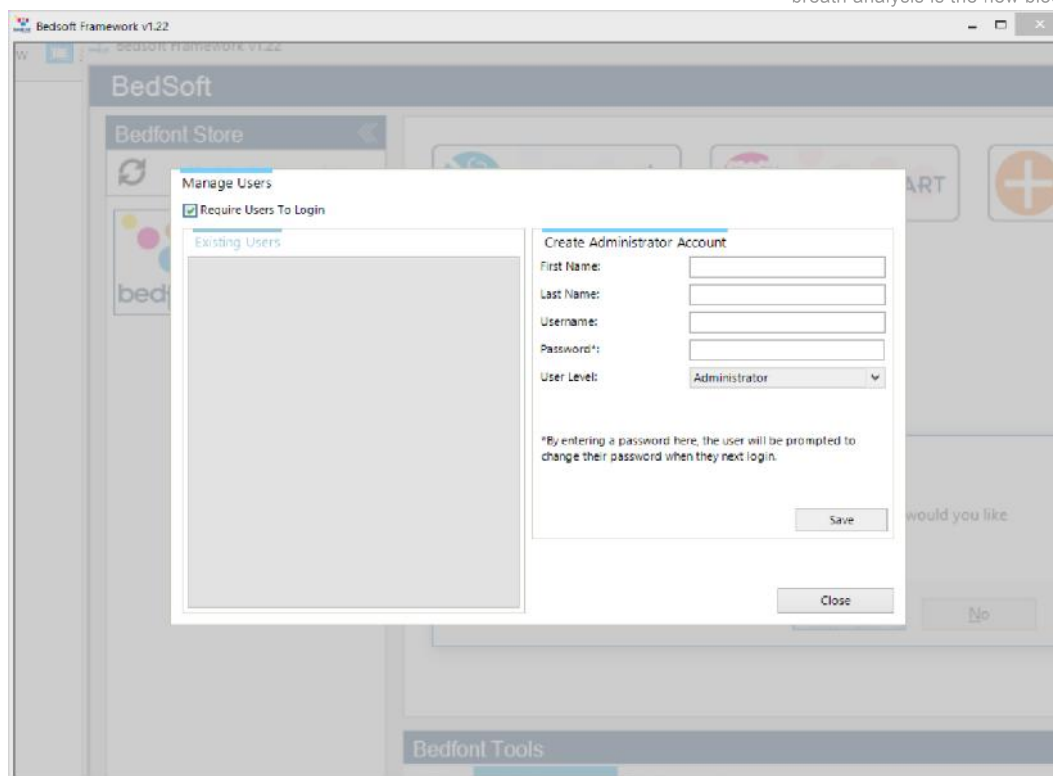
Installation

To access COdata⁺™, you must first download and install the Bedsoft framework software.
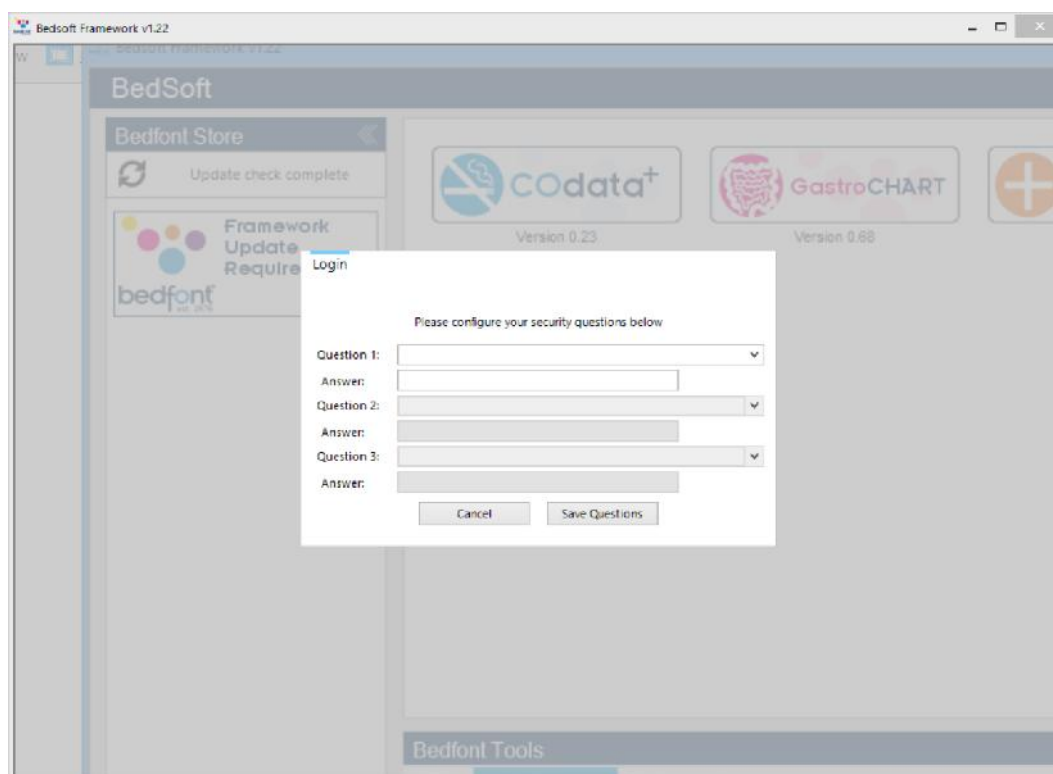
Bedsoft has been updated to conform to the new GDPR standards, which means it now includes accounts and passwords to help limit unnecessary access to patient information. Once Bedsoft has been installed and updated, a prompt will appear asking if you want to set up user accounts.

Clicking 'yes' will prompt you to make the first account, which will be an administrator's account. It is advisable to assign an admin person for the first account as this account will be used to manage any future users should they forget their login details.

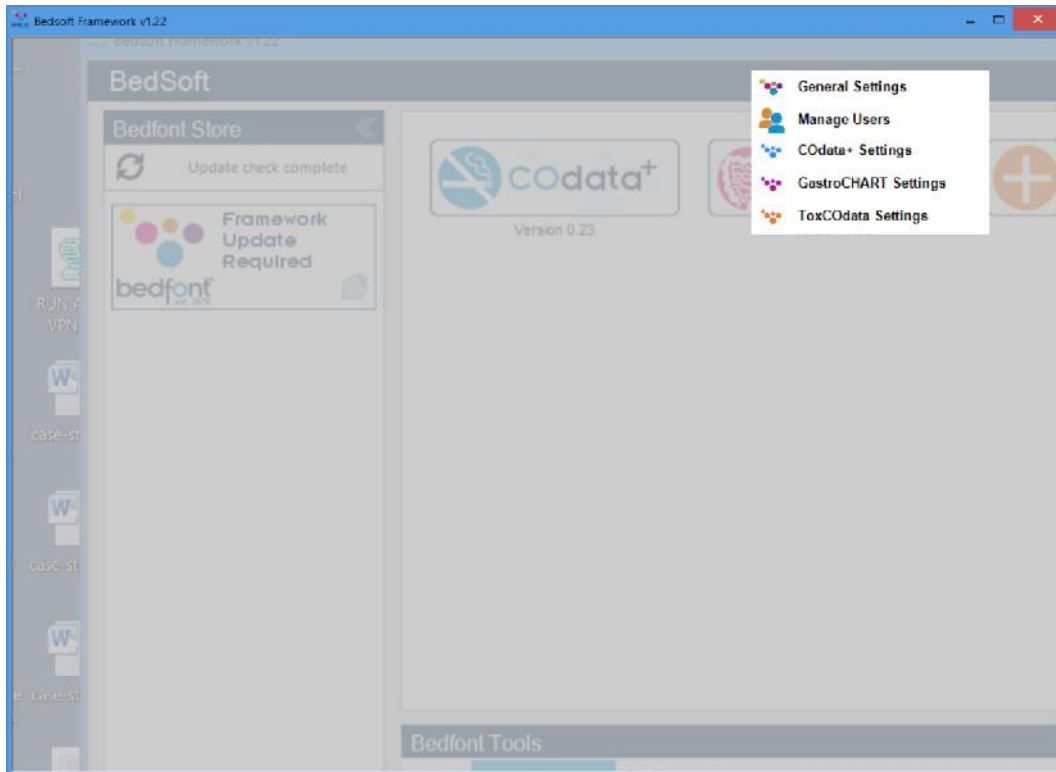*Our family, innovating health, for yours.*

Upon your first login, you will be prompted to provide 3 security questions and answers. This will be required in the event you should forget your password.
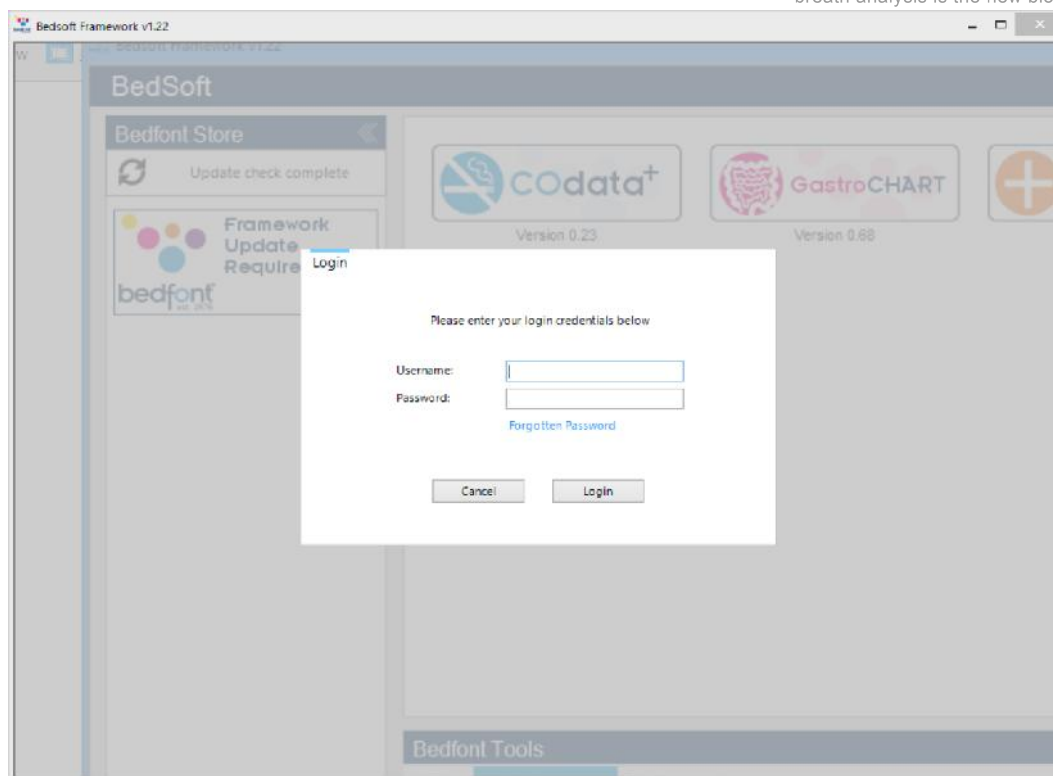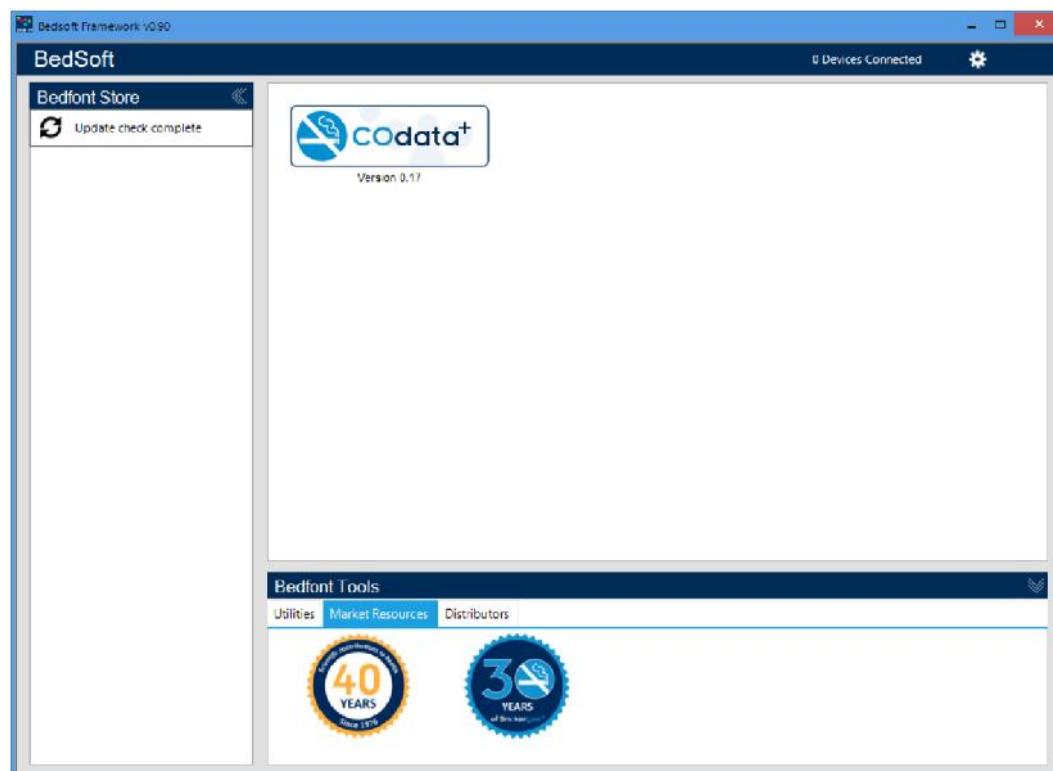

Please note:

- A user level account cannot access the admin panel to reset security questions or change account privileges – only an administrator account can access the admin control panel to reset security questions, passwords, username's and create/delete accounts.
- Within the admin panel there is an option to turn user accounts off completely. If this option is off then patient details will be accessible to anyone on the computer.
- In order to change accounts, Bedsoft must be restarted.
- If you decide to set up user accounts later or switch user accounts on/off, this can be accessed from the settings menu at any time.

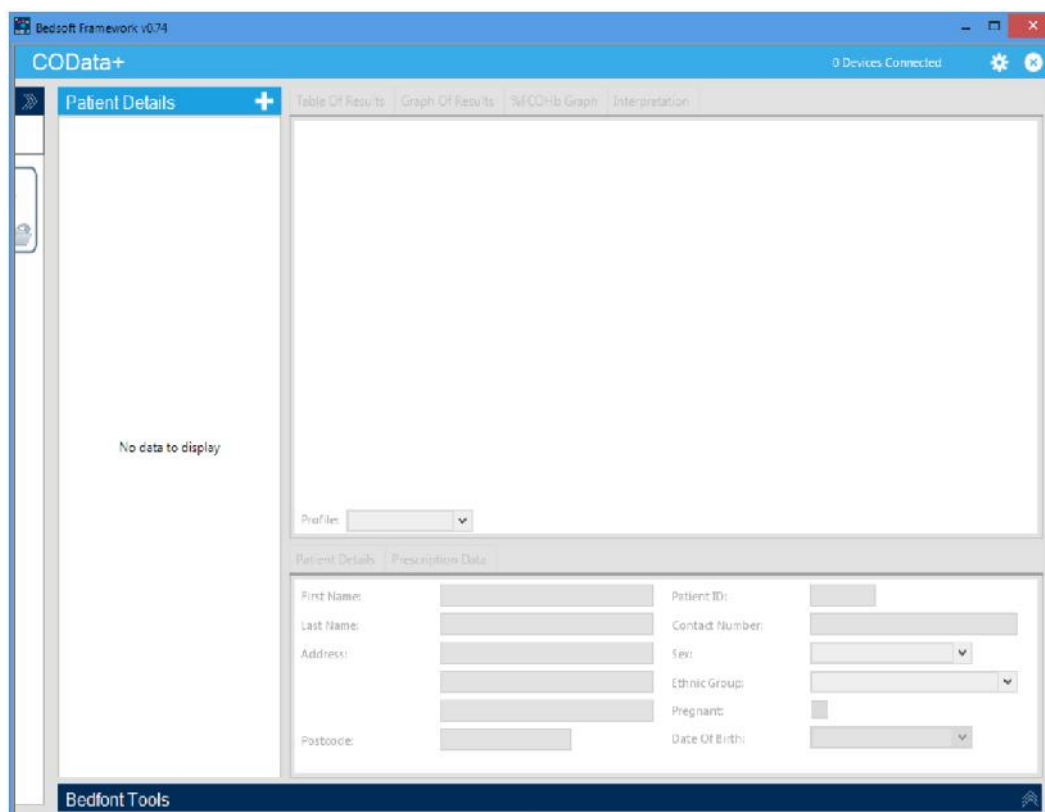Once you have enabled user accounts, you will not be able to access COdata⁺™ without your login details.

Once BedSoft has been downloaded and user accounts enabled/disabled, COdata⁺™ can be downloaded and installed from the left hand side of the screen, under the Bedfont® Store heading. Once COdata⁺™ installation is complete, the software tab will move into the centre of the screen, as shown below.

Main page

Click on the COdata⁺™ tab to open the main software window. This will is the main layout of the programme:

Navigation symbols

Description	Symbol
Add/edit patients	➕
Add new reading	Add New Reading
Close button	⊗
Tools	⚙
Save symbol	💾
Delete button	🗑
Print button	🖨
Send report via email	✉
Device connected status	Micro+ Connected 🔃 ⚙ ⊗
Help	❓

General settings

This section allows you to edit your proxy server settings and email server settings. Click on the tools icon ⚙ and select general settings:

COdata+™

![General Settings icon] **General Settings**

![COdata+ Settings icon] **COdata+ Settings**

![GastroCHART Settings icon] **GastroCHART Settings**

From here you can edit your proxy server settings and email server settings:

Add/edit patients

This function allows you to manage the patients used within the software. From here you can add new patients and edit or delete existing patients.

Add new patient

To add a new patient click the ![plus button] button next to "patient details", then simply complete the form in the lower half of the screen. You must complete at least one name field (surname or first name) and specify either an address or a contact number. The date of birth field must also be before today, all other fields are optional.

Edit/delete patient

To find a patient to edit you can use the filter boxes at the top of the screen. These filter boxes are identified by the text "contains", (![Contains filter boxes]). Clicking the grey filter button at the end of the box will bring up a list of potential filters, to type in a search term, click the filter box. To edit a patient click on the appropriate row in the list and the lower section will update to display the patient's details, if already editing a patient you will be prompted to save the current record. Make any necessary changes and click the ![save icon] to save the changes. If you want to delete the patient from the software you can click the ![trash icon] symbol.

Take a live reading

This function allows you to take live readings from a Smokerlyzer® device and store them against a patient. Before taking a live reading, select the appropriate patient from the list. You can filter the

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list using the three criteria fields above the list. Enter any applicable search criteria and the list will be updated automatically. To take a live reading from either device you need to connect it to a USB port on your computer and click on the 'AddNew Reading' button. Assuming the appropriate driver has been installed (see device manual) the software will display the connected devices in the top right-hand corner;
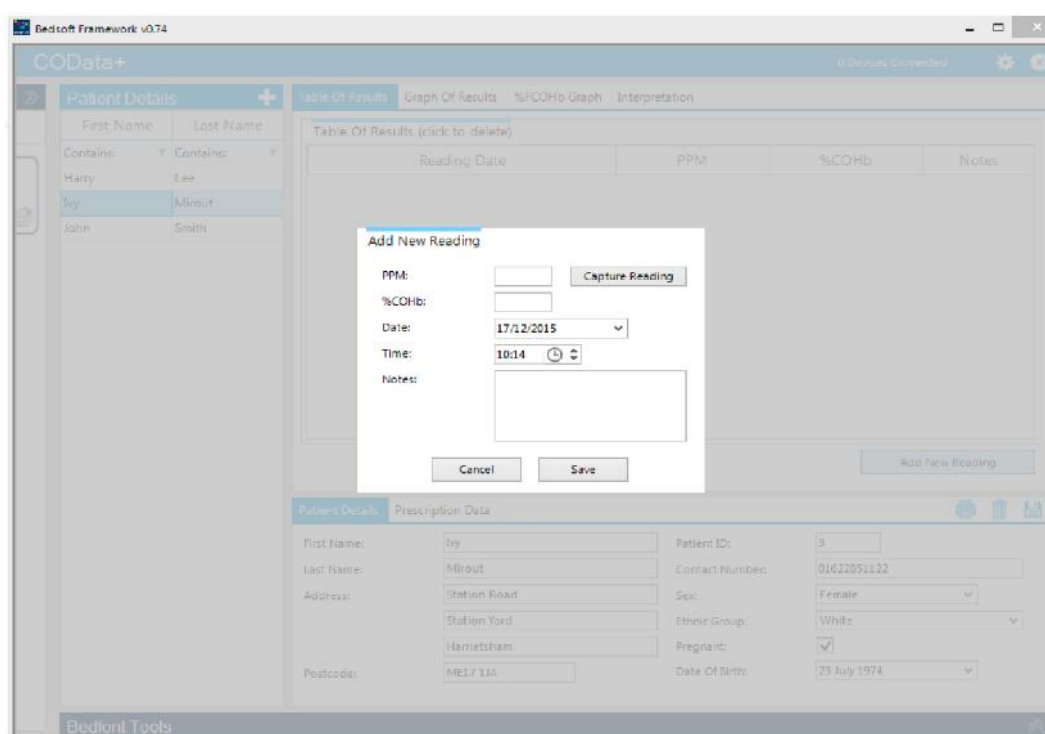
Micro+ Connected

Once connected, use the interface on the device to start a breath test in the normal way. Once the test is complete click 'Capture Reading' to store the reading. The form also allows you to modify the date/time and add any applicable notes.

Click 'save' to save the reading against the patient.

Enter a manual reading

To enter a manual reading, select the appropriate patient from the list. You can filter the list using the two criteria fields above the list. Select any of the applicable search criteria and the list will be automatically updated. Once the patient has been selected you can click 'Add New Reading'. This will bring up another form to enter the readings in. Click 'save' the reading against the patient.

Delete a reading

To delete a reading, select the appropriate patient from the list. You can filter the list using the two criteria fields above the list. Enter any applicable search criteria and the list will be updated automatically. Once a patient has been selected, click the window on the right, which will display

any existing readings. To delete a reading click on the appropriate row, a confirmation message will appear and if confirmed the reading will be deleted.

Patient tabs

When a patient is selected a series of tabs become active and are populated with data. There are four tabs located at the top of the patient window and two tabs located at the bottom.

From the top

1. The first tab (selected by default) shows a table of current results. You can re-order the list by clicking on the column headings.
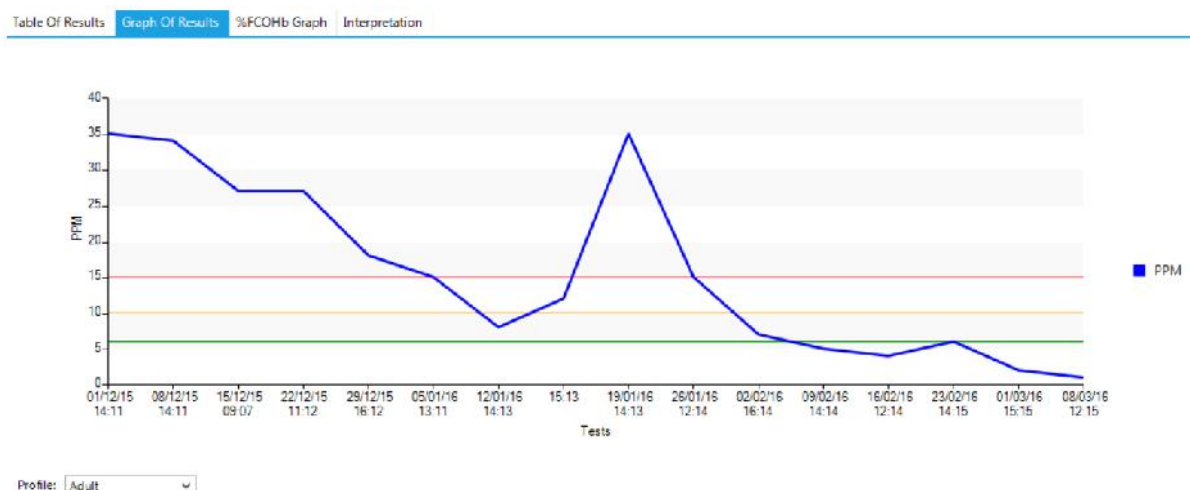
Table Of Results | Graph Of Results | %FCOHb Graph | Interpretation

Table Of Results (click to delete)

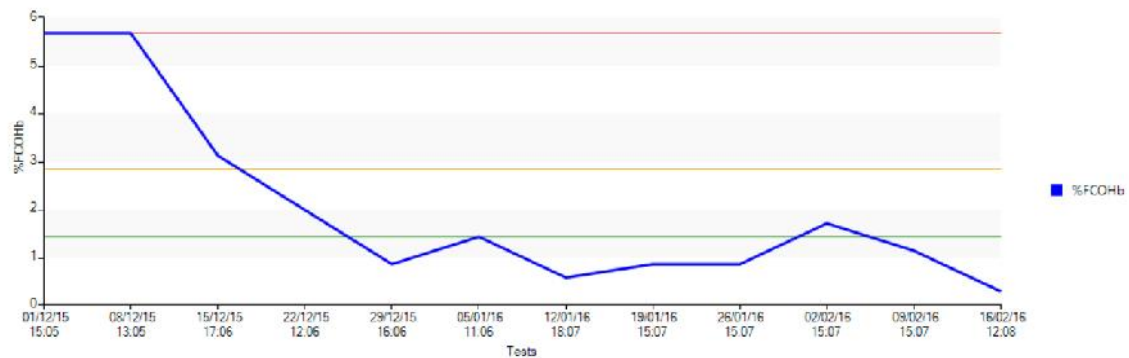| Reading Date	PPM	%COHb	Notes
08/03/2016 12:15	1	0.79	
01/03/2016 15:15	2	0.95	
23/02/2016 14:15	6	1.59	
16/02/2016 12:14	4	1.27	
09/02/2016 14:14	5	1.43	
02/02/2016 16:14	7	1.75	
26/01/2016 12:14	15	3.03	
19/01/2016 14:13	35	6.23	
12/01/2016 15:13	12	2.55	
12/01/2016 14:13	8	1.91	
05/01/2016 13:11	15	3.03	
29/12/2015 16:12	18	3.51	

Add New Reading

2. The second shows the PPM values plotted on a graph against the threshold values from the profile.

Table Of Results | Graph Of Results | %FCOHb Graph | Interpretation

Profile: Adult

3. You can change the profile to compare against using the profile pull down list. The third shows the %FCOHb values plotted on a graph, these are only applicable for patients marked as pregnant.

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4. The final tab allows you to enter an interpretation for the patient; this is printed on the PDF report.

Table Of Results | Graph Of Results | %FCOHb Graph | **Interpretation**

Frequent Smoker
These levels of CO indicate a serious addiction to nicotine. These levels are 5 times those of non-smokers.

Along the bottom

1. The first tab shows the patient's details. These details can be edited at any time.

Patient Details	Prescription Data			🖨 🗑 💾
First Name:	Joe	Patient ID:	12345	
Last Name:	Bloggs	Contact Number:	07634637274	
Address:	123 West Street	Sex:	Male ⌄	
	Heathfield	Ethnic Group:	Black ⌄	
	Withershire	Pregnant:	☐	
Postcode:	BE34 7HQ	Date Of Birth:	16 June 1983 ⌄	

2. The second shows any prescription data that needs to be entered for the selected patient.

Patient Details | **Prescription Data**   🖨 🗑 💾

Prescription: [   ]

Notes: [   ]

These tabs can be used in conjunction with the four tabs along the top of the screen.

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