COdata+ V2.0

Manual

scientific contributions to health

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ISO 9001:2000
Cert No. FM 31664
ISO 13485:2003
Cert No. MD 502905

COdata⁺ Operating Manual

Contents

Licence Agreement

This is a single user agreement from Bedfont Scientific Limited and the software may be installed on any single computer for which it is designed. You may not copy the original CD nor install the software on another machine. When used on a network system, you must purchase a separate license for each individual computer on which the software is to be used.

This software has been installed and tested on PCs running Windows operating systems 2000, XP and Vista. It has also been tested successfully on networked PCs. However, before installation on a networked PC, we recommend that the network administrator is contacted. Bedfont shall not be liable for any network problems caused by the installation of this software.

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Installation

1. With computer switched on, insert CD into CD or DVD drive.

2. If AutoRun is enabled, software will start automatically.

3. If AutoRun is disabled, access CD or DVD drive and open AutoRun.exe

4. Select the software package you wish to install, COdata⁺ or GastroCHART.

5. Follow the on-screen prompts to install the software and all the associated components onto your computer.

6. Whilst the computer is switched on, attach your device then power on. If prompted to search windows update select "NO" then "Next".

7. The wizard will now automatically search for the drivers to install your USB device.

English

Main Application

This user manual outlines the basic functionality of the software and guides you through how to use each function.

The main software window offers three main menu options each containing multiple sub menu items.

Breath Test

Add/Edit Patients

This section allows you to manage the patients used within the software. From here you can add new patients, edit/delete existing patients and produce PDF results for printing/emailing.

Breath Test Tool

This section allows you to take live readings from a piCO+ device and store them against a patient.

You can also take live readings from a Micro+ device as well as synchronise patient data with the device.

Exit

This option exits the program. You may be prompted with messages as the software is closing checking whether to save changes to any open information.

Tools

Profile Builder

This section allows you to create your own user profiles for use within the software and/or on a Micro+ device.

Languages

This section allows you to select the language to use within the software and/or define your own translation.

Fagerström Test

This section offers you an interactive version of the Fagerström Test, this test identifies how dependent on Nicotine a patient is based on a series of questions.

NiCOdep® Test

This section offers you the NiCOdep® Test, this test identifies how dependent on Nicotine a patient is based on a series of questions.

Health Care Professional Information

This section allows you to add your personal details such as name and address to be printed on the PDF reports generated by the software.

Help

Help Index

This menu option opens the Help File for viewing/printing.

Manuals

This section allows you to view/print manuals for the software.

About

This menu option brings up an about box containing information about the software, the license agreement and contact information.

Add/Edit Patients

This section allows you to manage the patients used within the software. From here you can add new patients, edit/delete existing patients and produce PDF results for printing/emailing

Add New Patient

To add a new patient, 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. Enter a patient ID and/or part of the surname and click 'Apply Filter' to update the patients list. To edit a patient click on the appropriate row in the list and the lower section will update to display the patient's details.

Make any necessary changes and click 'Save Patient Details' to save the changes.

If you want to delete the patient from the software click the 'Delete' button.

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Breath Test Tool

This section allows you to take live readings from a piCO⁺ device and store them against a patient. You can also take live readings from a Micro⁺ device as well as synchronise patient data with the device.
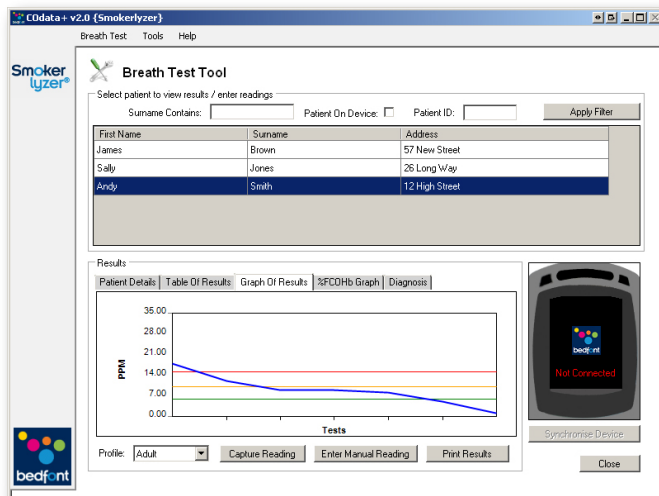
Take Live Reading

Before taking a live reading, select the appropriate patient from the list. You can filter the list using the three criteria fields above the list. Enter any applicable search criteria and click 'Apply Filter' to update the list. To take a live reading from either device you need to connect it to a USB port on your computer. Assuming the appropriate driver has been installed (see device manual) the software will show the device as connected. Once connected use the interface on the device to start a breath test in the normal way. As the ppm reading on the device begins to increase so will the reading shown on the software. Once the test is complete click 'Capture Reading' to store the reading. This will bring up a small form over the device image that shows you the reading and allows you to modify the date/time and add any applicable notes. Click 'Add Reading' to save the reading against the patient.

Enter Manual Reading

To enter a manual reading, select the appropriate patient from the list. You can filter the list using the three criteria fields above the list. Enter any applicable search criteria and click 'Apply Filter' to update the list. Once the patient has been selected click 'Enter Manual Reading' to add the reading. This will replace the device image with a small form that allows you to enter the ppm reading, a date and time and any notes. Click 'Add Reading' to save the reading against the patient.

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Delete Reading

To delete a reading, select the appropriate patient from the list. You can filter the list using the three criteria fields above the list. Enter any applicable search criteria and click 'Apply Filter' to update the list. Once the patient has been selected click the 'Table Of Results' tab to show 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 five tabs become active and are populated with data. The first tab shows a summary of the patient's personal details. The second shows a table of current results. You can re-order the list by clicking on the column headings. The third shows the ppm values plotted on a graph against the threshold values from the profile. You can change the profile to compare against using the profile pull down list. The fourth shows the %FCOHb values plotted on a graph, these are only applicable for patients marked as pregnant. The final tab allows you to enter an interpretation for the patient; this is printed on the PDF report.

Synchronise Device

If a Micro+ device is connected the 'Synchronise Device' button will become active.

Print Results

To find a patient to print results you can use the filter boxes at the top of the screen. Enter a patient ID and/or part of the surname and click 'Apply Filter' to update the patients list.

To produce a PDF report of readings for this patient click 'Print Results'. The report includes a chart of the results; you can change the profile thresholds that are drawn using the profile pull down list.

Synchronise Micro+ Device

This section allows you to synchronise patients with the Micro+ device. You can add/remove patients from the device and synchronise readings with the device.

Patients

This section offers you two lists, the first shows patients that have been added within the software that are currently not on the device. The second shows a list of patients on the device. By clicking on a name in either list the patient will be moved to the other list, this allows you to add new patients to the device and remove patients currently on the device. No changes aresaved until the 'Synchronise Device' button is clicked.

Synchronise

Once you have finished selecting which patients you want on the device click 'Synchronise Device'.

Please note if you just want to download the data without changing any patients simply leave the lists unchanged. When you click 'Synchronise Device' all the readings from the device are downloaded and saved against the relevant patients. Then the patients that you have selected to be on the device are sent to the device along with the three latest readings. This process can take up to a minute to complete, please do not disconnect the device during this time.

Once complete a message is displayed telling you to restart the Micro+ before using the device.
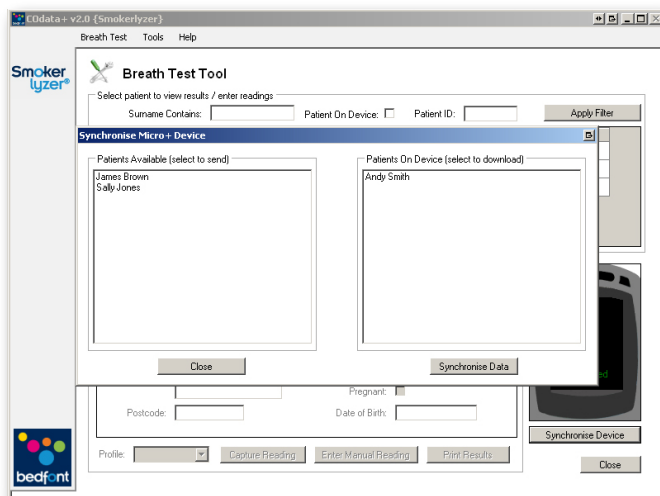
Profile Builder

This section allows you to create your own user profiles for use within the software and/or on a Micro+ device.

The two standard profiles (adult/child) are shown as examples of the existing thresholds.

Add New Profile

To add a new profile, complete the boxes from green to red4. These are the ppm threshold values that readings will be compared against. Finally enter a profile name (maximum of 5 characters) and click 'Save' to store the profile.

Edit Profile

To edit an existing profile click on the appropriate row in the list and modify the values from green to red4 as necessary. These are the ppm threshold values that readings will be compared against.

Finally modify the profile name if applicable and click 'Save' to store the changes.

Delete Profile

To delete an existing profile click on the appropriate row in the list and click on the 'delete' button.

A confirmation message will pop up and if confirmed the profile will be deleted.

Use Profile

To use a profile on a Micro+ device click on the appropriate row in the list and click on the 'use profile' button. This will then send the profile information to the device.
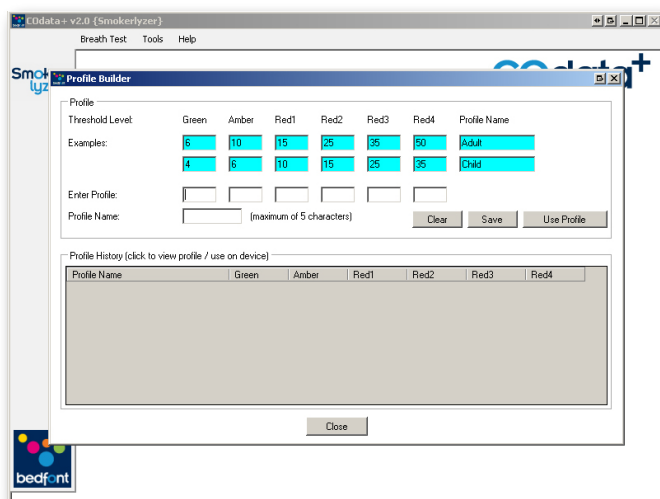
Add/Edit Language

This section allows you to make changes to any of the current translations or define your own cleaning

Add New Translation

To add a new translation, select '<Add New>' from the language list and this will provide you with a text box to enter the name of the new language. To add the translation work through each tab in turn and enter the translated text in the appropriate box. To save changes click 'Save Translation'.

Edit Existing Translation

To edit a translation select the appropriate translation from the language list.

The lower box will update to show the current translation, work through each tab in turn and modify the translated text in the appropriate box (if applicable). To save changes click 'Save Translation'.
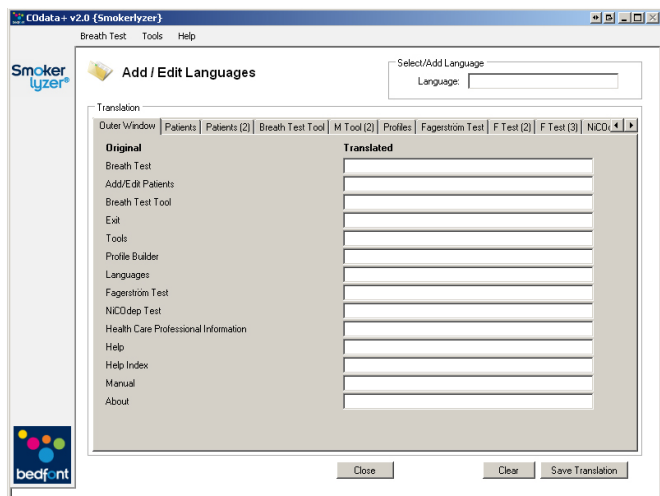
English

Fagerström Test

This section offers you an interactive version of the Fagerström Test. This test identifies how dependent on Nicotine a patient is based on a series of questions.

Completing The Test

Answer each of the six questions by 'ticking' the appropriate answer. Once complete click 'Calculate' to show the result.

To clear the form and start again, click 'Restart Test'.

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English

NiCOdep Test®

This section offers you the NiCOdep® Test, this test identifies how dependent on Nicotine a patient is based on a series of questions.

Completing The Test

Answer each of the three questions by 'ticking' the appropriate answer.
Once complete click 'Calculate' to show the result.

To clear the form and start again, click 'Restart Test'.

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Health Care Professional Information

This section allows you to add your personal details such as name and address to be printed on the PDF reports generated by the software.

Completing The Form

The form is made up of two sections. The first is for name and address information. The second is for contact information.

Any information entered in to this form is printed at the top of the PDF reports.

Complete any necessary fields and click 'Save & Exit' to save changes, to close without saving any changes click 'Quit No Save'.