

ToxCOTM

User manual



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breath analysis is the new blood test

Our family, innovating health, for yours.



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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/USB nor install the software on another machine.

This software has been installed and tested on PCs running Windows operating systems XP and Vista, 7, 8, 8.1 and 10. 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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Welcome to ToxCOdata™

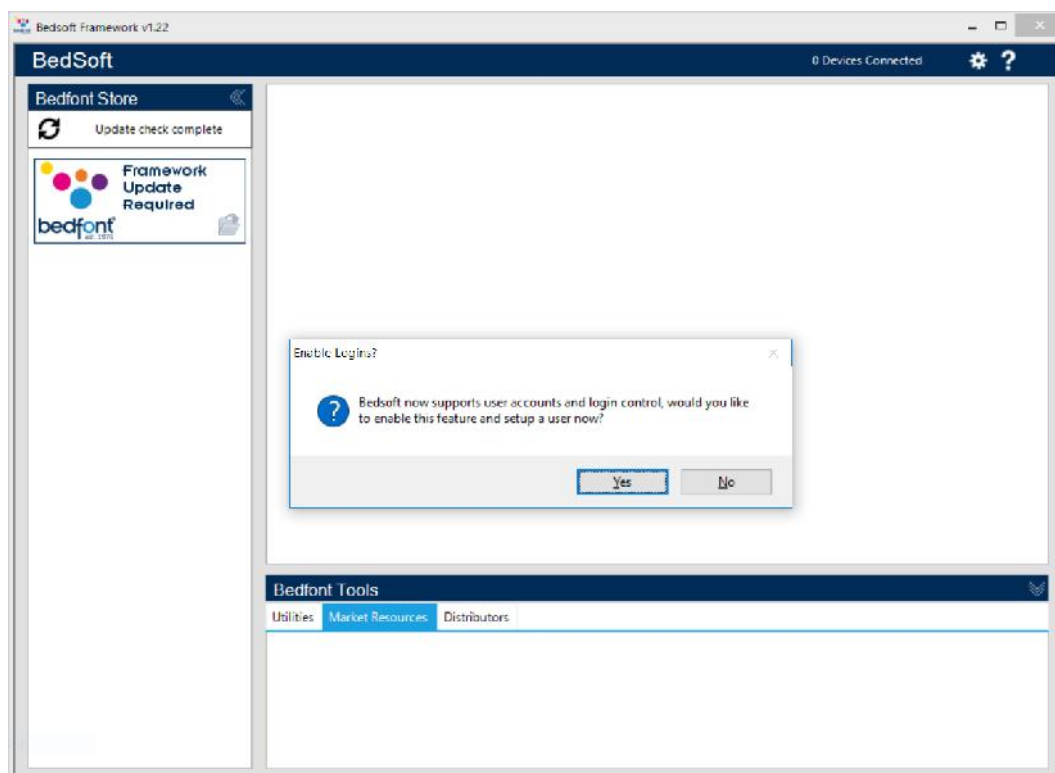
This manual outlines the basic functionality of the software and guides you through how to use each function. ToxCOdata™ can be used with compatible ToxCO® breath monitors to store and export results.

For further information about the ToxCO® device, please see the printable manual, which can be accessed via the help menu  within the software.

Installation

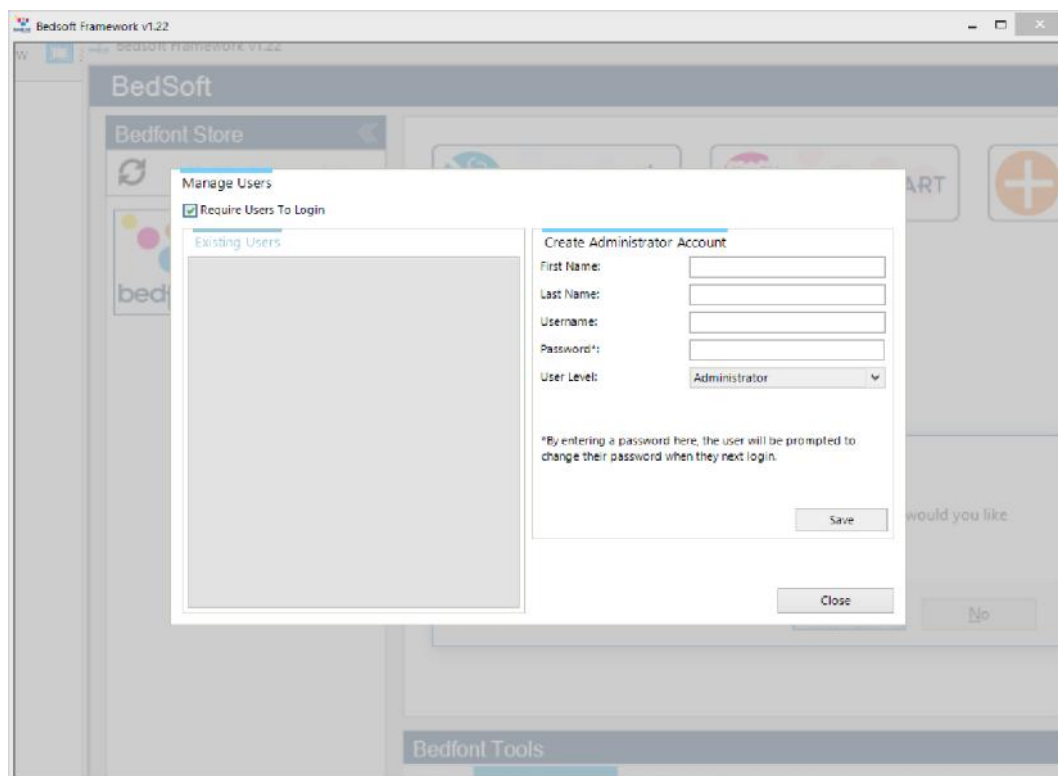
To access ToxCOdata+™, you must first download and install the Bedsoft framework software.

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.

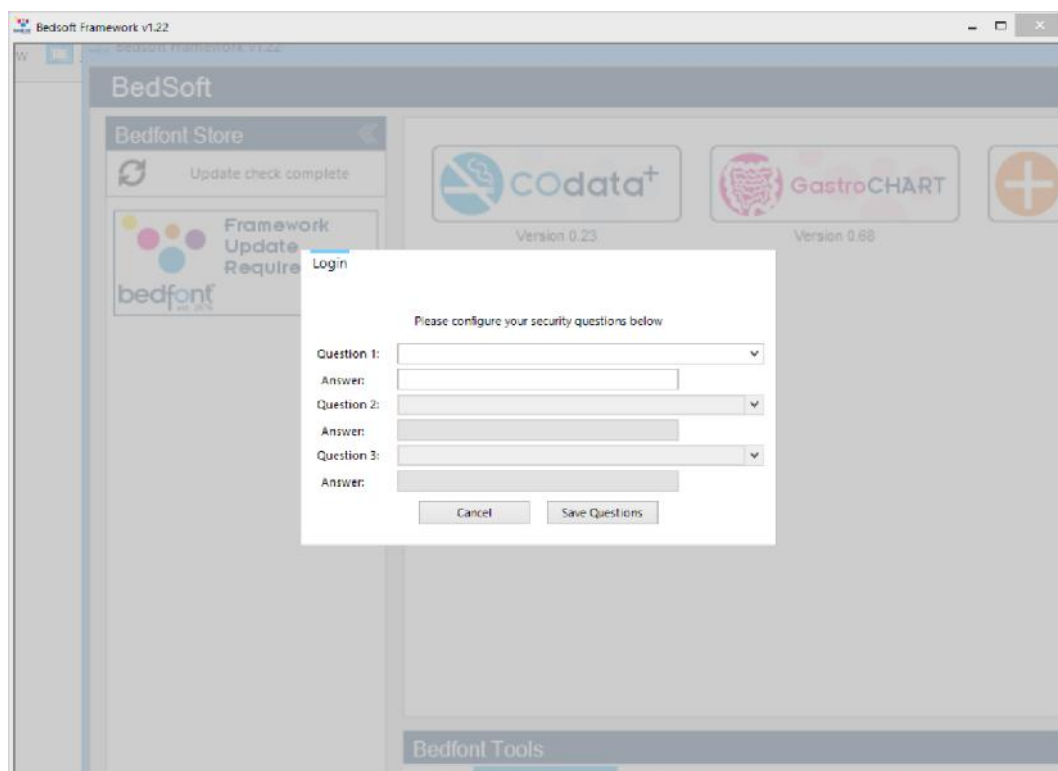


Clicking 'yes' will prompt you to make the first account, which will be an administrator's account. It is advisable to assign an admin person for the first account as this account will be used to manage any future users should they forget their login details.





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.

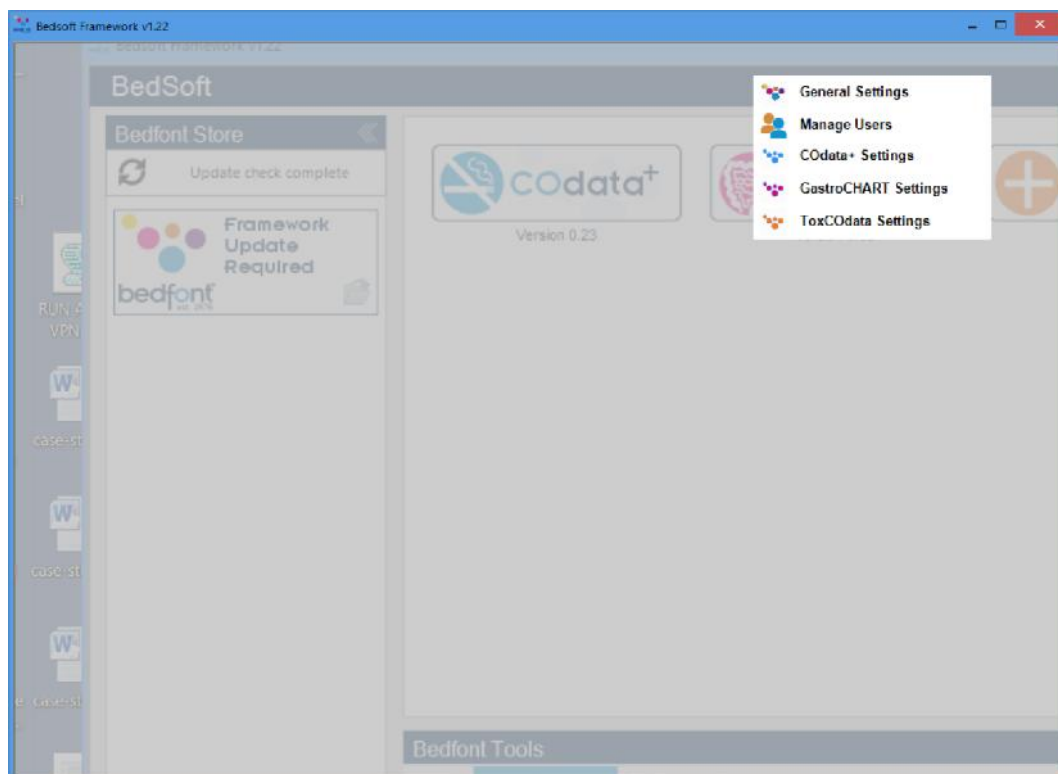


Please note:

Saving lives, one breath at a time.

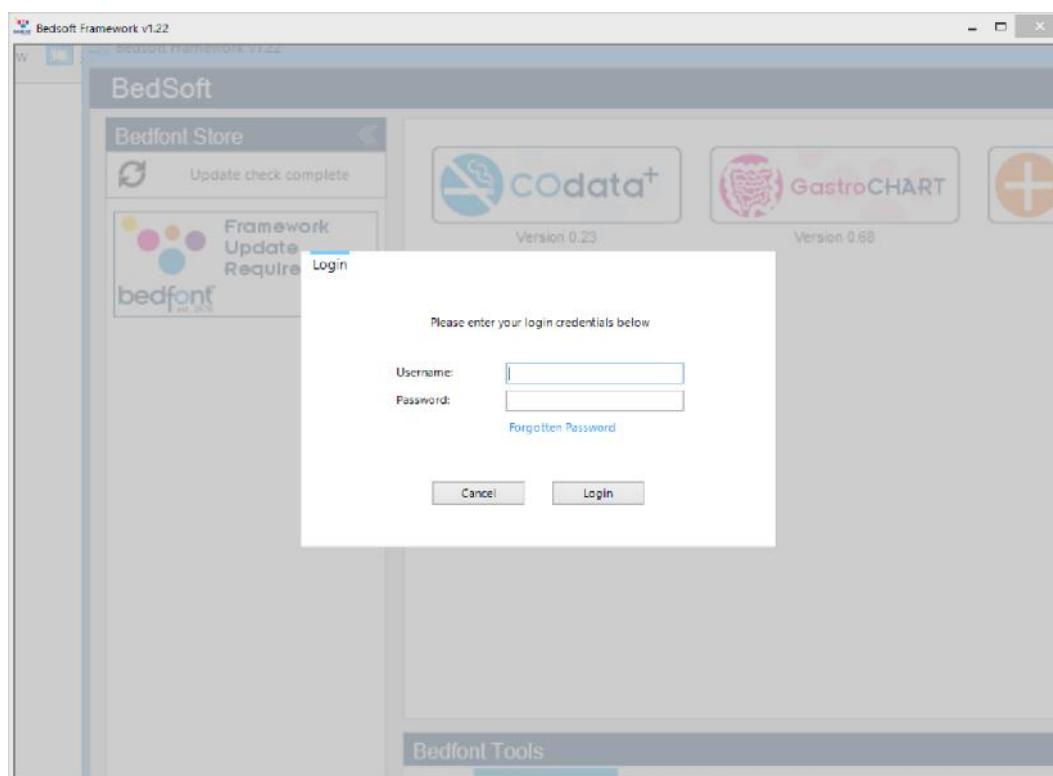


- A user level account cannot access the admin panel to reset security questions or change account privileges – only an administrator account can access the admin control panel to reset security questions, passwords, username's and create/delete accounts.
- Within the admin panel there is an option to 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.



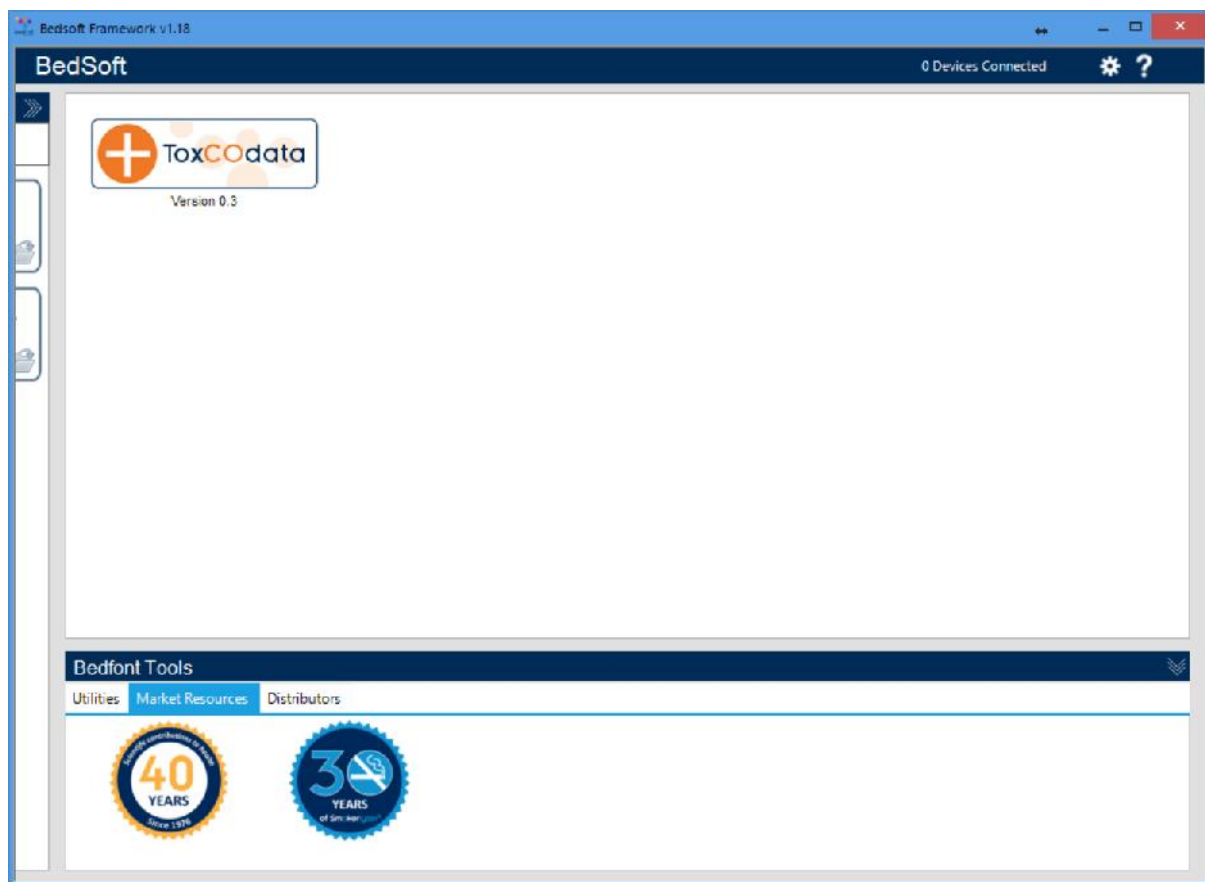
Once you have enabled user accounts, you will not be able to access ToxCOdata™ without your login details.





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





Main page

When you have clicked on the ToxCOdata™ icon, the main software window will open to show the main layout of the programme. The navigation symbols are described below:

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Navigation symbols

Description	Symbol
Close button	
Tools	
Save symbol	
Delete button	
Print button	
Device connected status	ToxCO Connected
Help	

General settings

This section allows you to edit your Proxy Server Settings and Email Server Settings.

Click on the settings icon  and select general settings:



-  General Settings
-  ToxCODATA Settings

From here you can edit your Proxy Server Settings and Email Server Settings:

Bedsoft Settings

Proxy Server Settings
Email Server Settings

☒ Direct access to the internet (no proxy server)
☐ Use a proxy server to access the internet

☐ Automatically detect proxy server
Proxy Server:
Port Number:
☐ Enable proxy authentication
Username:
Password:

Close

Patient profiles

Adding a new patient

This feature allows you to add a new patient by clicking the  symbol to go load a new profile. 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.

Editing a patient

To edit a patient's information, either use the filters to search (Contains: ▼ Contains: ▼) or click on their name from the patient list on the left. Their profile will load at the bottom half of the screen. Edit the information as desired and click the save icon  to register the changes.



The screenshot displays the ToxCodata+ application interface. At the top, the title bar indicates 'Bedsoft Framework v1.19'. The main header features the 'ToxCodata+' logo and a status indicator '0 Devices Connected'. The interface is divided into several sections. On the left, a sidebar contains a 'Patient Details' tab and a list of patients: Keane, Shirley, Joe, and Wasabi. The 'Table Of Results' tab is also visible. The main content area shows a 'Table Of Results (click to delete)' with columns for Reading Date, PPM, %COHb, Manual Entry, and Notes. Below this, there is an 'Add New Reading' button. At the bottom, the 'Patient Details' section for 'Joe Wasabi' is displayed, including fields for First Name, Last Name, Address, Postcode, Patient ID, Contact Number, Sex, Ethnic Group, Pregnant, and Date Of Birth.

Deleting a patient

To delete a patient's profile, either use the filters to search (**Contains:** **Contains:**) or click on their name from the patient list on the left. Their profile will load at the bottom half of the screen. Click the trashcan icon  to delete their profile, you will be prompted to confirm your decision; click 'yes' to delete.

Unspecified patients

The 'unspecified patients' section contains any records that have not been assigned to a patient profile during the sync process. Click 'unspecified patients' in the bottom left-hand corner to view the readings.



The screenshot shows the ToxCodata+ application window. The top bar indicates 'Bedsoft Framework v1.19' and 'ToxCO CT800005 Connected'. The interface is divided into several sections:

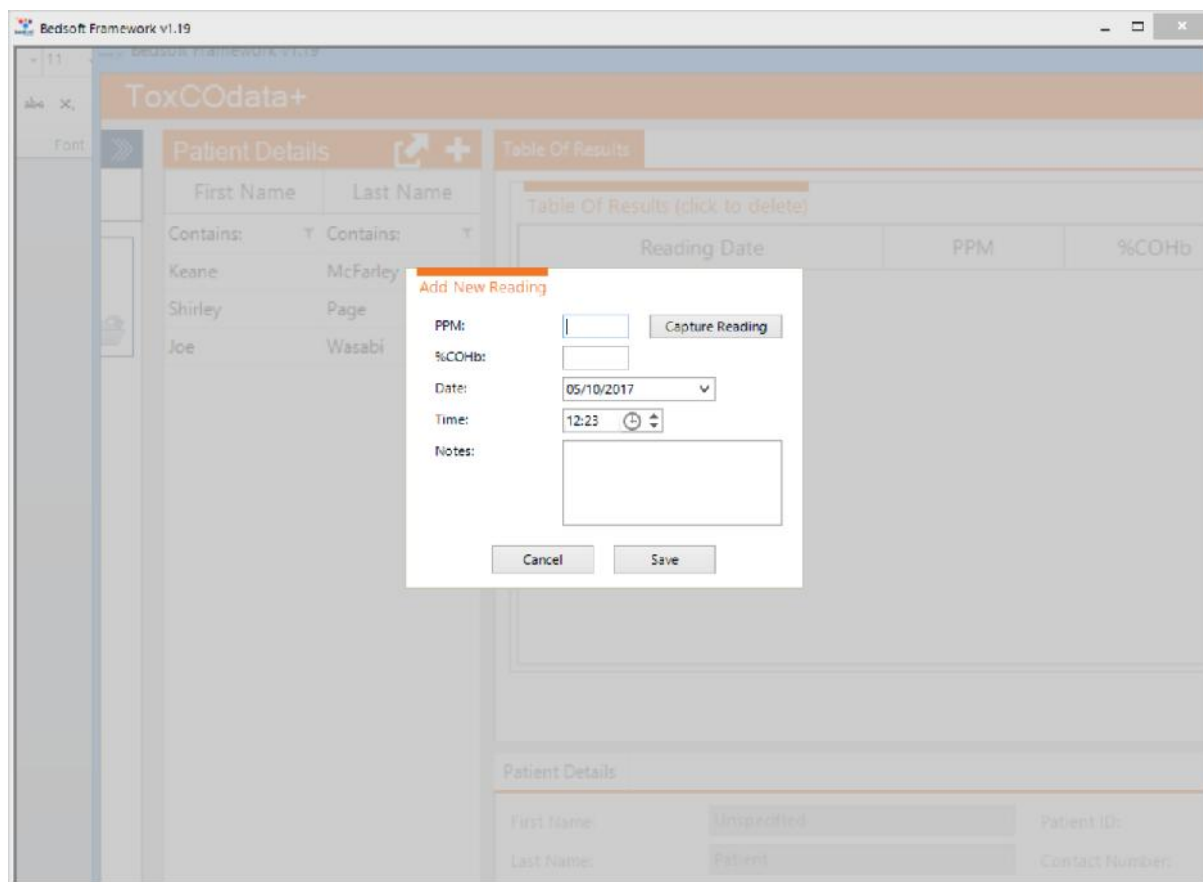
- Patient Details:** A table with columns 'First Name' and 'Last Name'. It lists three patients: Keane (McFarley), Shirley (Page), and Joe (Wasabi).
- Table Of Results:** A table with columns 'Reading Date', 'PPM', '%COHb', 'Manual...', and 'Notes'. It contains 10 rows of data from 24/08/2017 15:24 down to 24/08/2017 14:41.
- Add New Reading:** A button located below the Table Of Results.
- Patient Details Form:** A section with input fields for 'First Name', 'Last Name', 'Address', 'Postcode', 'Patient ID', 'Contact Number', 'Sex', 'Ethnic Group', 'Pregnant', and 'Date Of Birth'.
- Buttons:** 'Unspecified Patients' and 'Ambient Readings' are located at the bottom left.
- Bedfont Tools:** A bar at the very bottom of the window.

Reading Date	PPM	%COHb	Manual...	Notes
24/08/2017 15:24	44	7.67	☐	
24/08/2017 15:23	3	1.11	☐	
24/08/2017 15:21	49	8.47	☐	
24/08/2017 15:07	3	1.11	☐	
24/08/2017 15:01	56	9.59	☐	
24/08/2017 14:58	43	7.51	☐	
24/08/2017 14:52	4	1.27	☐	
24/08/2017 14:51	2	0.95	☐	
24/08/2017 14:50	4	1.27	☐	
24/08/2017 14:41	3	1.11	☐	

You can also add new readings manually by clicking on the '+' icon on the bottom right and filling out the necessary information.

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Ambient readings

When a ToxCO® device is connected to a PC and the sync menu is accessed, the ambient readings will automatically download from the device and be placed in the 'ambient readings' section on the main screen:

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The screenshot shows the ToxCOdata+ application window. On the left, the 'Patient Details' tab is active, displaying a list of patients with columns for First Name and Last Name. The main area shows the 'Ambient Readings' tab, which includes a filter section for 'Filter Ambient readings' with dropdowns for 'Serial Number' and 'Readings between', and a 'Clear Criteria' button. Below this is a table titled 'Table of Ambient readings (click to delete)' with columns for 'Reading Date', 'PPM', and 'Serial Number'. The table contains 15 rows of data. At the bottom, there are buttons for 'Export Readings' and 'Print Readings', and a status bar indicating 'Readings Matching Criteria: 61'.

Reading Date	PPM	Serial Number
24/08/2017 15:31	3	CT800005
24/08/2017 15:30	12	CT800005
24/08/2017 15:30	7	CT800005
24/08/2017 15:29	10	CT800005
15/08/2017 14:14	53	CT800005
15/08/2017 14:13	14	CT800005
15/08/2017 14:12	2	CT800005
15/08/2017 14:11	53	CT800005
15/08/2017 14:10	21	CT800005
15/08/2017 14:09	2	CT800005
15/08/2017 14:08	55	CT800005
15/08/2017 14:07	11	CT800005
09/08/2017 16:56	1	CT800005
09/08/2017 16:55	2	CT800005

You can filter through the readings by date, or device serial number and results can also be printed or exported into an excel file.

Synchronise a ToxCO® device

After connecting a device via USB, the device connected symbol will appear at the top of the screen. Click on the sync button  to synchronise and/or delete any data on the device.

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Bedsoft Framework v1.19

ToxCodata+ ToxCO CT800005 Connected

Synchronise Device

New readings on device

Readings Date and Time	Reading in PPM	Name on Device	Save against Patient
05/10/2017 12:30	1		Unspecified Patient
05/10/2017 12:29	1		Unspecified Patient
05/10/2017 12:28	1		Unspecified Patient
05/10/2017 12:26	1		Unspecified Patient
18/09/2017 11:58	1		Unspecified Patient
18/09/2017 11:55	1		Unspecified Patient
18/09/2017 11:53	2		Unspecified Patient
18/09/2017 11:52	2		Unspecified Patient

Save Results

Close

Bedfont Tools

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You can decide whether to import patients as 'unspecified', attach them to an existing patient, or you can select 'add a new patient'.

ToxCOdata+ ToxCO CT800005 Connected

Synchronise Device

New readings on device

Readings Date and Time	Reading in PPM	Name on Device	Save against Patient
05/10/2017 12:30	1		Unspecified Patient
05/10/2017 12:29	1		< Add New Patient >
05/10/2017 12:28	1		Keane McFarley
05/10/2017 12:26	1		Shirley Page
18/09/2017 11:58	1		Unspecified Patient
18/09/2017 11:55	1		Joe Wasabi
18/09/2017 11:53	2		dwe weve
18/09/2017 11:52	2		unspecified patient
			Unspecified Patient

Save Results

Close

Bedfont Tools

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If you select 'add a new patient', a form will appear for you to enter all patient information. Once you have completed this information, the results will be imported to their profile.

The screenshot displays the 'ToxCOdata+' application window. In the background, a table titled 'New readings on device' is visible, with columns for 'Readings Date and Time', 'Reading in PPM', and 'Name on Device'. Overlaid on this is a modal form titled 'Add New Patient'. The form includes the following fields:

- First Name: [Text input]
- Last Name: [Text input]
- Address: [Text input]
- Postcode: [Text input]
- Patient ID: [Text input]
- Contact Number: [Text input]
- Sex: [Dropdown menu]
- Ethnic Group: [Dropdown menu]
- Pregnant: [Checkbox]
- Date Of Birth: [Text input]

At the bottom of the form are 'Cancel' and 'Save' buttons.

Once you have chosen the desired destination for each result (unspecified or existing or new patients), click 'save results'. You will then be asked if you want to delete the readings from the device; if you wish to keep the readings for now, click 'no', otherwise click 'yes' to delete all readings from the ToxCO®.

Saving lives, one breath at a time.



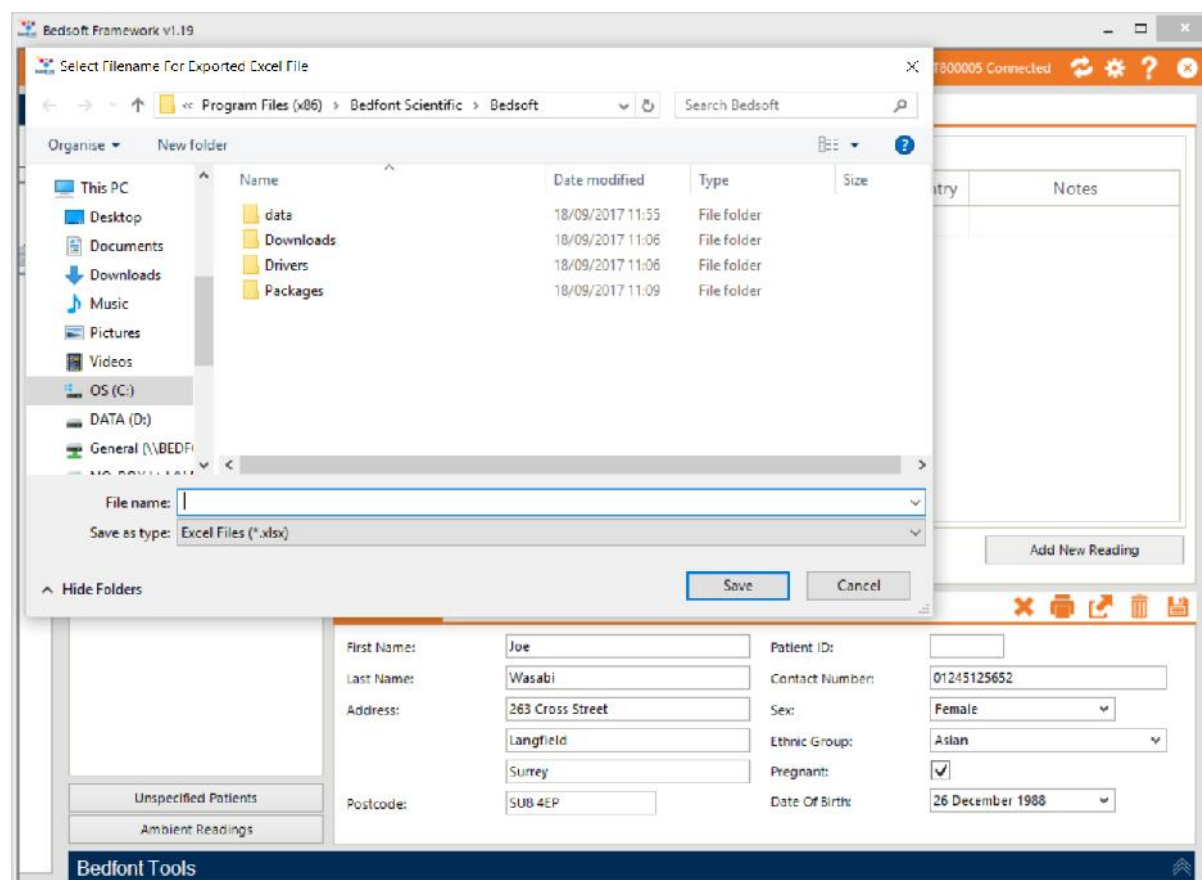
Delete a breath reading

To delete a breath reading, whether you are in a patient profile, in the 'unspecified patients' section or the 'ambient readings' section, simply click on the appropriate row. A confirmation message will appear and if confirmed the reading will be deleted.

Generate a report

Patient report

To generate a patient specific report, load their profile and click the export  button, which will bring up the screen below, and from there the data can be exported to an excel file.



Unspecified patients report

Generating a report for 'unspecified patients' will export all of the readings in this section. Open the 'unspecified patients' section and click the export button to export the readings into  excel.

Ambient readings report

Ambient readings can also be exported into an excel format. Open the 'ambient readings' section and, if desired, filter the information either by date or device serial number. Click

Export Readings

to export the results.





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