



Instructions For Use For

Oxehealth Vital Signs

en English

For use with Oxehealth Vital Signs versions:

1.61 to 1.63

Vital Signs Basic UDI-DI: 506075145VITALSIGNSFF

Alternative electronic instructions for use are available at the website below, or you can request further paper copies from Oxehealth using the contact information at the end of these instructions.



Website: www.oxehealth.academy/instructions-for-use



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Symbols Used In This Manual And On Product Labels

	Read the instructions for use		Caution
	Medical Device, according to the definition within Regulation (EU) 2017/745 on Medical Devices (as amended)		Unique Device Identifier
	Lot or batch number (in the case of Vital Signs, the software version number)		Date of manufacture
	Manufacturer		CE Marking, made in conformance with EC Directive 93/42/EEC for medical devices
	Importer		Authorised Representative in the European Community

Instructions For Use For Oxehealth Vital Signs



Carefully read all instructions prior to use. Observe all warnings and precautions noted throughout these instructions. Failure to do so may result in inaccurate readings of pulse rate or breathing rate.

These instructions for use are for the Oxehealth Vital Signs software medical device, which is a product module within the Oxehealth Oxevision platform. For instructions on how to use other product modules within the Oxehealth Oxevision platform, refer to other instructions for use for those features.

Before using Oxehealth Vital Signs, you must first be trained in its use. Oxehealth Vital Signs training will be made available from your organisation, or by Oxehealth.



IMPORTANT - please read carefully

If any serious adverse incident occurs when using the Oxehealth Vital Signs medical device, where a subject or user is or could have been seriously harmed, it is vital that you inform Oxehealth using the contact details at the end of these instructions and also inform the MHRA.

For details of how to inform the MHRA of an adverse incident, please visit <https://www.gov.uk/guidance/contact-mhra>.

Intended Use

The Oxehealth Vital Signs device is intended for noninvasive spot measurement of pulse rate and breathing rate. It is software assessing video footage from a fixed-installation solution for use within single occupancy rooms within hospitals, general care, domestic and secured environments with professional healthcare oversight and where a framework exists which mandates periodic checks by a trained professional to ensure subject safety.

The Oxehealth system is intended for use by appropriately trained staff with a duty of care, and should not be used by untrained users.

The Oxehealth Vital Signs device is indicated for use on humans 12 years of age or older with all skin types, who do not require critical care.

The device is not intended to be the sole method of checking the physical health of a subject.



Warnings

The Oxehealth Vital Signs device must not be used with any subject receiving critical care.

The Oxehealth Vital Signs device must not be used in rooms that contain or may contain:

- Domestic animals
- A shower or significantly sized water feature

Oxehealth Vital Signs must not be used as the sole basis for making any decisions or recommendations relating to clinical diagnosis, subject care or treatment. Decisions or recommendations must be made by a clinician based on broader evidence than Oxehealth Vital Signs alone provides.

It is possible that the introduction of the Oxehealth Vital Signs device could affect the behaviour of individuals in your care. It involves the introduction of the Oxevision system including cameras and illuminators which could result in false perceptions of the capabilities, limitations and intended use of the software. It is essential that you engage with the individuals under your care and other interested parties to ensure that they fully understand the capabilities, limitations and the intended use of the software, using the training materials and subject information provided by Oxehealth. Failure to fully inform individuals could result in them becoming distressed or coming to serious harm.



Cautions

If the Oxehealth Vital Signs device fails to respond as described, discontinue use until the situation has been corrected. Contact Oxehealth for support through the user interface or at the telephone number or address given at the end of this manual.

The Oxehealth Vital Signs device is designed to measure pulse rate and breathing rate in the ranges specified, and will not give measurements outside these ranges.

Oxehealth Vital Signs may not give measurements of pulse rate in the following circumstances:

- In subjects with low perfusion, anaemia, poor circulation or blood volume deficiency

- Where insufficient skin is visible to the Oxehealth Vital Signs device
- Where visible skin is significantly scarred or tattooed
- Where visible skin has excessive make-up, sunscreen or other topical applications that hide the underlying skin applied

Oxehealth Vital Signs may not give measurements of pulse rate or breathing rate in the following circumstances:

- Where insufficient body area is visible to the Oxehealth Vital Signs device
- If the area of the subject is heavily saturated due to exceptionally bright illumination

Oxehealth Vital Signs may not give measurements of pulse rate or breathing rate, or may give inaccurate measurements of pulse rate or breathing rate in the following circumstances:

- In subjects with tremor, alcohol withdrawal or motion disorders
- When subjects are talking or are controlling their breathing
- Large airflows through the room
- Other sources of movement in the image
- If another living being is present in the image (including hidden from view, for example by sheets)
- Running, dripping or spraying liquids in the image
- Moving patches of light or shadow in the image
- In the presence of sources of flashing or variable light, including other Near Infrared illumination, for instance from an existing CCTV installation
- Sources of mechanical vibration, for example massage devices, in the image
- Vibration of the Oxehealth Vital Signs hardware, caused for example by drilling into a nearby structure at the time of the measurement.

The availability of pulse rate or breathing rate is thus affected by the circumstances of the measurement. If it is not possible to take a Vital Signs measurement using **Take Vital Signs**, wait until the circumstances have changed then attempt another measurement using **Take Vital Signs**, or use another method for obtaining a measurement.

Oxehealth Vital Signs is not intended to give pulse rate or breathing rate measurements if a subject is moving and measurements may not be available or may be inaccurate if this is the case. Vital signs displayed by the **Vital Signs Trends** function may be affected in this way. When using the **Take Vital Signs** function, ensure that the subject is still before proceeding to obtain pulse rate and breathing rate measurements.

Oxehealth Vital Signs measures pulse rate and breathing rate from the skin and the body of a subject and measurements may not be available or may be inaccurate if suitable areas of the subject are not available. Vital signs displayed by the **Vital Signs Trends** function may be affected in this way. When using the **Take Vital Signs** function, ensure that Oxehealth Vital Signs is reading from suitable areas of the body of the subject you intend before proceeding to take measurements.

The **Vital Signs History** and **Vital Signs Trends** charts display data gathered from a specified room so may show data for a subject who is not the subject currently occupying that room.

The **Vital Signs Trends** chart shows a summary of average vital signs to assist trend identification and cannot be used to measure or monitor pulse rate or breathing rate. To take a new

measurement of pulse rate or breathing rate, use the **Take Vital Signs** function, or use other means to establish vital signs.

Please be aware that:

- The system provides an estimated breathing rate (chest wall movements), rather than end tidal CO₂. It is not a replacement for end tidal CO₂ measurements.
- The system is not intended to detect the presence or absence of arrhythmias or to report measurements during an irregular arrhythmia.
- The system is not intended to be used as a continuous vital signs monitor.
- The system is not intended to be used as an apnea monitor.
- The accuracy of Oxehealth Vital Signs outputs has not been studied in patients with neuromuscular disorders.

The Oxehealth Vital Signs device analyses video captured from a video camera within a room illuminated by a Near Infrared Illuminator to measure pulse rate and breathing rate from the subject, and so obstruction of either of these parts of the device will severely compromise its operation. It is also possible that individuals will attack or attempt to damage the housing containing the camera and illuminator, and this can also result in compromising the operation of the system and the software. Ensure that the housing containing the camera and illuminator is kept free from obstruction according to the maintenance directions in the Vital Signs Instructions for Use, and inform Oxehealth of any attack on or interference with the housing.

Oxehealth software and related hardware installed inside or outside the room environment is not to be installed or maintained by anyone other than an Oxehealth trained representative. Any attempt by a non-Oxehealth representative to interfere with the hardware, operating system administration or software configuration outside that described in this manual may result in damage to the device performance.

If you make significant physical changes to a room, for instance visible structural changes or adding large items of furniture, this may affect the device performance and you should inform Oxehealth.

Specification

	Accuracy	Measurement Window
Pulse rate measurement*	50 to 130 ± 3 beats per minute	9 seconds
Breathing rate measurement*	8 to 39 ± 2 breaths per minute	30 seconds

* Reported accuracy uses the root-mean-square error (RMSE) criterion

Installation

Installation will be carried out by an Oxehealth approved installer, according to installation instructions and verification procedures provided by Oxehealth.

Maintenance

The Oxehealth Vital Signs device analyses video from an infrared illuminated room that has been captured by a video camera to measure the pulse rate and breathing rate of a subject. Hardware is often installed within a housing and so the cleanliness of the housing must be maintained. When

cleaning, pay attention to the manufacturer's instructions for cleaning, and in particular, do not use solvent based, ammonia, caustic or abrasive cleaners or abrasive cleaning materials on the clear front, as this may scratch or fog the material, and potentially degrade the ability of the device to see the subject clearly and may reduce the reliability and accuracy of the readings.

If components within the sealed housing are directly exposed to liquids, vapours or dust then they may be damaged and cease to operate correctly. If this happens, stop using the Oxehealth Vital Signs software and inform Oxehealth.

In the event of failure of any part of the Oxehealth product, inform Oxehealth.

Only Oxehealth or Oxehealth trained maintenance personnel may make modifications to this device as these may affect device performance. If you are in doubt whether changes could affect the device, you should contact Oxehealth who can advise.



IMPORTANT SAFETY AND SECURITY NOTICE - please read carefully

Maintaining the privacy of subjects, and protecting the confidentiality of their data is of the utmost importance. Ensure that you observe all of your organisation's safety, privacy and security policies and guidelines, and do not relocate any equipment that has been installed for the Oxehealth software, or change any security or access arrangements to the equipment without first informing Oxehealth.

If you are using any mobile devices to access your Oxehealth software, pay particular attention to ensuring these devices are used only by authorised and trained staff, using the devices as intended.

The Vital Signs software is not intended to be used as a surveillance tool, and you must use the functions to view the video feed in accordance with your organisation's privacy and security policies. Failure to do so puts you and your organisation at risk of violating individuals' rights, and data protection laws.

How To Use Oxehealth Vital Signs

The Overview Screen

The **Overview Screen** shows all of the rooms connected to the Oxehealth Vital Signs software:

oxevision About Instructions For Use -

Overview 13 Jan 2022, 14:52:52

Settings Shift Report Export Report Observation Round Incident Reports

Room 1: On 0 secs. Last vital signs recorded: ---

Room 2: Door Open 14 secs. Last vital signs recorded: ---

Room 3: In Room 14 secs. Last vital signs recorded: ---

Room 4: In Bed 14 secs. Last vital signs recorded: ---

Room 5: Door Open 14 secs. Last vital signs recorded: ---

Room 6: In Room 14 secs. Last vital signs recorded: ---

Alerts: No Alerts

Contact Oxehealth at support@oxehealth.com or 0800 030 6781

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Depending on the number of rooms, the overview screen will show smaller panels for each room as shown below to keep all of the rooms visible:

oxevision About Instructions For Use -

Oxevision - Medium Ward 03/06/2021, 14:56:56

Settings Shift Report Export Activity Report Observation Round

Room 50: In Bed 1 min 14 sec. Last vital signs recorded: ---

Room 51: Out Of Bed 9 sec. Last vital signs recorded: ---

Room 52: Out Of Room 7 sec. Last vital signs recorded: ---

Room 53: Out Of Bed 0 sec. Last vital signs recorded: ---

Alerts: Room 55: No Activity (5 sec) | Room 52: Out Of Room (7 sec)

Room 54: Room Entrv

Room 55: No Activity

Room 56: Edge Of Bed

Room 57: No Activity

oxevision About Instructions For Use -

Overview 03/06/2021, 15:58:03

Settings Shift Report Export Activity Report Observation Round

Room 1: In Room 59 min 2 sec

Room 2: In Room 59 min 1 sec

Room 3: In Room 59 min 1 sec

Room 4: In Room 59 min 2 sec

Room 5: In Room 59 min 2 sec

Room 42: On 0 sec

Room 43: Door Open 59 min 54 sec

Room 44: In Room 55 min 54 sec

Room 45: In Bed 55 min 54 sec

Room 46: Door Open 55 min 54 sec

Room 47: In Bathroom 55 min 54 sec

Room 50: In Bed 55 min 54 sec

Room 51: Out Of Bed 53 min 37 sec

Room 52: Out Of Room 1 hr 1 min

Room 53: Out Of Bed 53 min 42 sec

Room 54: Room Entry 55 min 54 sec

Room 55: No Activity 53 min 36 sec

Room 56: Edge Of Bed 53 min 45 sec

Room 57

Room 58

Room 6

Room 7

Room 8

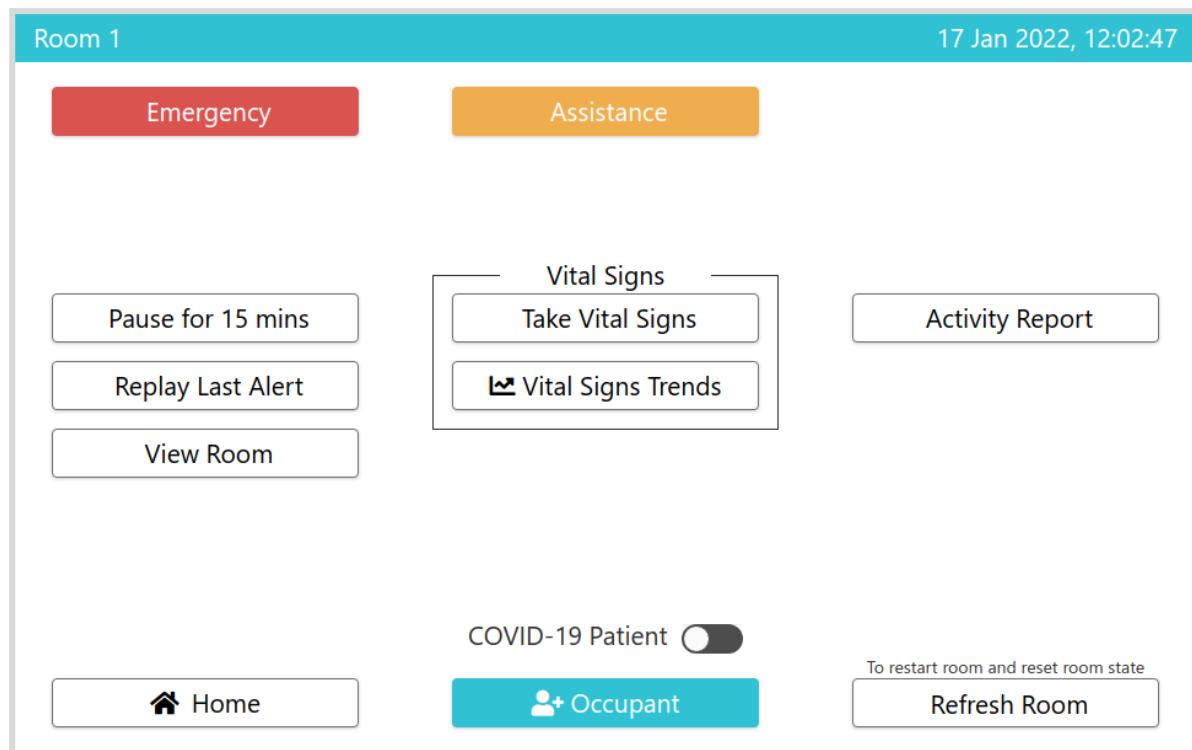
Room 9

Alerts: Room 57: No Activity (53 min 26 sec) | Room 55: No Activity (53 min 36 sec)

IMPORTANT - please read carefully

Depending on the number of rooms and layout chosen, you may need to scroll down to see all of the room cards.

Each room is shown as a clickable panel, which brings up the room **Action Menu** for that room:

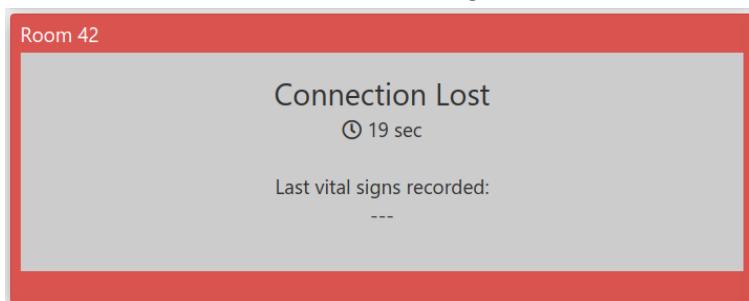


Note that the room **Action Menu** may include **Vital Signs History** or **Vital Signs Trends** depending on your software configuration. See the sections on [Viewing Vital Signs History](#) and [Viewing Vital Signs Trends](#) on how to use these functions.

The room **Action Menu** may include other menu items for other product modules (refer to other Oxehealth Oxevision product module instructions for use for information).

On the **Overview Screen**, the large icons indicate the status of the room as follows:

- **Connection Lost:** the Oxehealth Vital Signs software is not connected to the room.



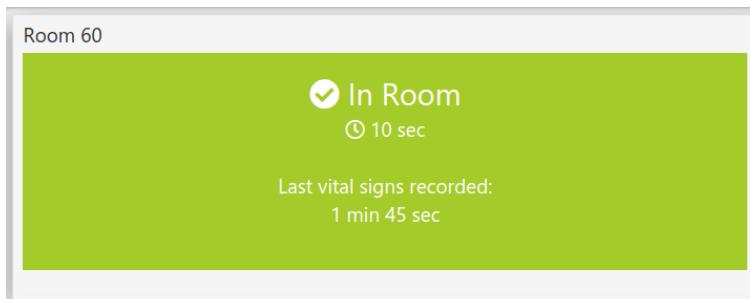
The main text in the room icon will display the nature of any software disconnection, and the time that the connection has been down.

The **Last vital signs recorded** text on the room icon will continuously update, and indicates how long it has been since anyone last used the **Take Vital Signs** function successfully for this room.

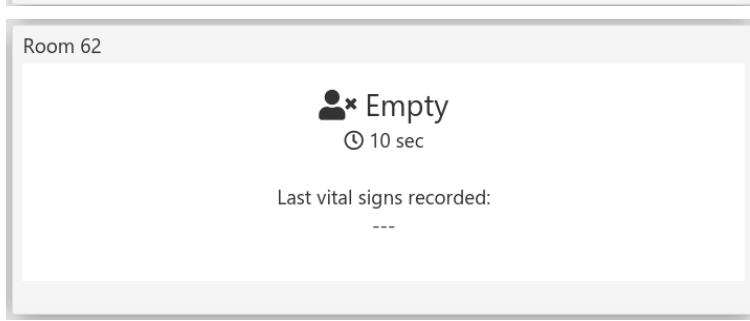
In this state, it will be possible to use the **Vital Signs History** and **Vital Signs Trends** functions on the **Action Menu**.

In this state, it will not be possible to use the **Take Vital Signs** or **Pause** functions on the **Action Menu**.

- **Connected:** the Oxehealth Vital Signs software is connected to the room and running, such that the software is receiving video and making estimations.



The main text in the room icon will display non-medical information from other modules about what is happening in the room, and the time that the room has been in this state. Other modules may also modify the colour of the room icon while they are processing data, or when they determine the room to be empty.



Refer to other product module instructions for use for further information.

IMPORTANT - please read carefully

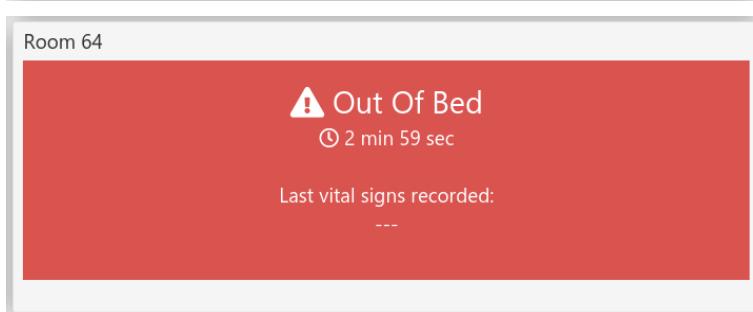
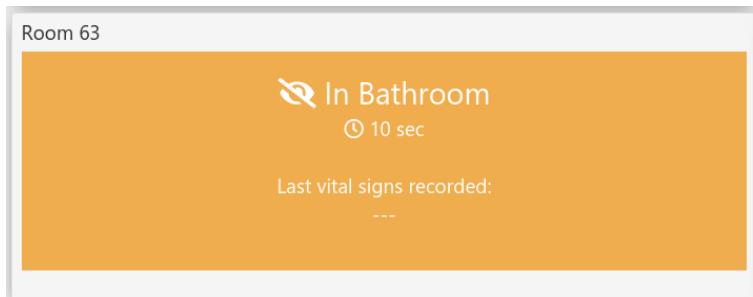
When other Oxehealth product modules are running and showing different non-medical information about what is happening in the room, the Oxehealth Vital Signs is still operational, and it is still possible to take vital signs.

The **Last vital signs recorded** text on the room icon will continuously update, and indicates how long it has been since anyone last used the **Take Vital Signs** function successfully for this room.

In this state, it will be possible to use the **Take Vital Signs**, **Pause**, **Vital Signs History** and **Vital Signs Trends** functions on the **Action Menu**.

- **Alert State:** the Oxehealth Vital Signs software is connected to the room and running, such that the software is receiving video and making estimations.

In this state, other product modules are producing a non-medical alert to prompt further checks in the room. These prompts may be informational (orange), or alerts (red) as the examples below show, and will be pre-configured to a scheme specific to your installation.



The main text in the room icon will display the nature of the non-medical alert, and the time that the room has been in this state. Refer to other product module instructions for use for information on these alerts.

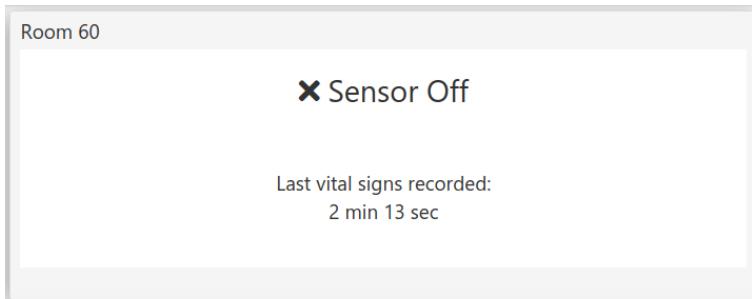
IMPORTANT - please read carefully

When other Oxehealth product modules are producing an alert, Oxehealth Vital Signs is still operational, and it is still possible to take vital signs.

The **Last vital signs recorded** text on the room icon will continuously update, and indicates how long it has been since anyone last used the **Take Vital Signs** function successfully for this room.

In this state, it will be possible to use the **Take Vital Signs**, **Pause**, **Vital Signs History** and **Vital Signs Trends** functions on the **Action Menu**.

- **Sensor Off:** the Oxehealth Vital Signs software is connected to the room, but a user has chosen to stop measuring, such that the Oxehealth Vital Signs software has ceased receiving video and making estimations for this room.



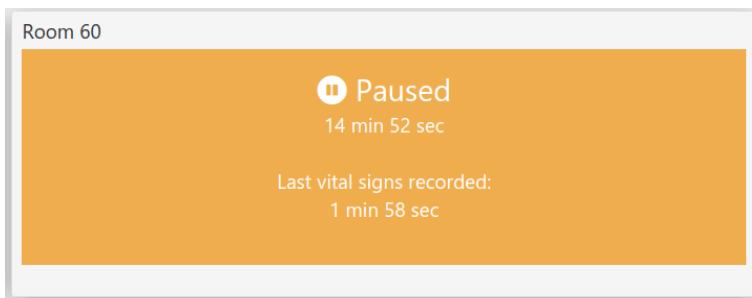
The timer indicates the time that the software has been stopped for the room.

The **Last vital signs recorded** text on the room icon will continuously update, and indicates how long it has been since anyone last used the **Take Vital Signs** function successfully for this room.

In this state, it will be possible to use the **Vital Signs History** and **Vital Signs Trends** functions on the **Action Menu**.

In this state, it will not be possible to use **Pause** or **Take Vital Signs** function on the **Action Menu**.

- **Paused:** the Oxehealth Vital Signs software is connected to the room, but a user has chosen to pause measuring, such that the Oxehealth Vital Signs software has ceased capturing video and making estimations temporarily for this room.



The time for the room will continuously update, and is a countdown timer, indicating how long is left before Oxehealth Vital Signs automatically restarts capturing video and processing.

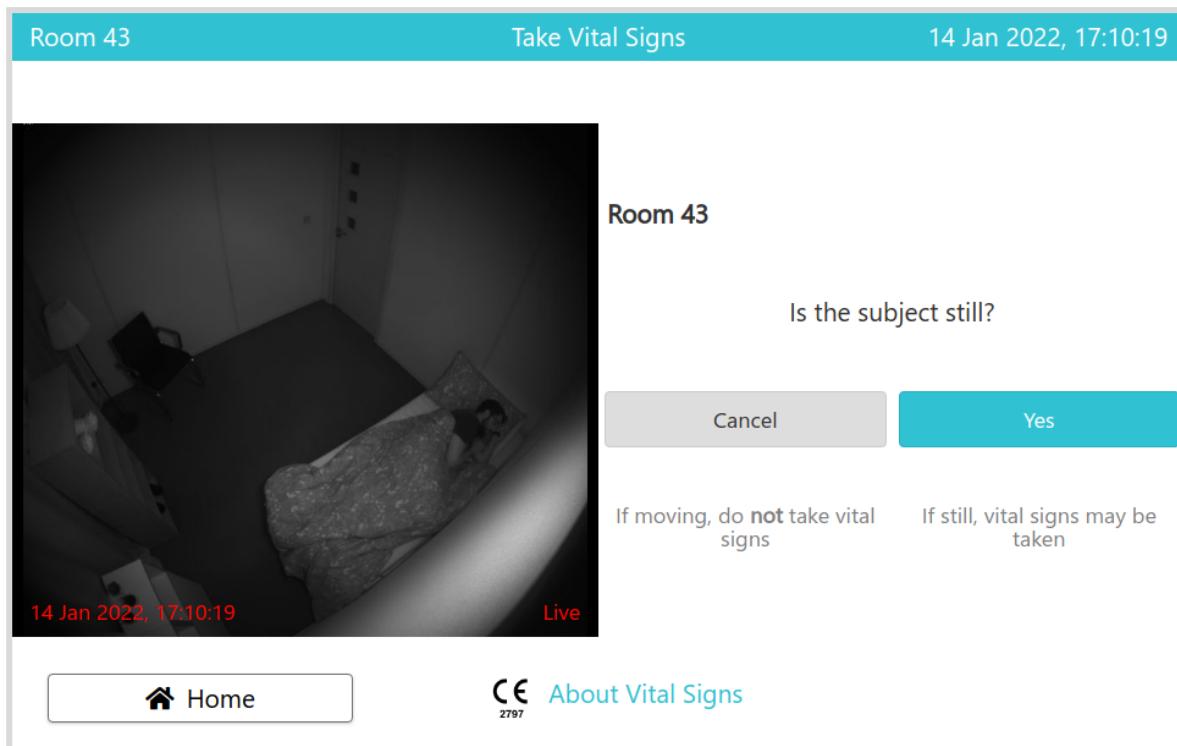
The **Last vital signs recorded** text on the room icon will continuously update, and indicates how long it has been since anyone last used the **Take Vital Signs** function successfully for this room.

In this state, it will be possible to use the **Extend Pause**, **Cancel Pause**, **Vital Signs History** and **Vital Signs Trends** functions on the **Action Menu**.

In this state, it will not be possible to use the **Take Vital Signs** function on the **Action Menu**.

Taking Vital Signs Observations

To take vital signs observations from a subject, click the room icon for the room the subject is in, then select **Take Vital Signs** from the **Action Menu**. You will then see the first **Take Vital Signs screen** below:



This screen will show live video of the room, and ask you if the subject is still. If the Oxehealth Vital Signs device software is not able to make any vital signs estimations at the current time, the **Yes** button will indicate **Acquiring Vitals**, and you will not be able to proceed:

Acquiring Vitals...

If the subject is not still, the **Acquiring Vitals** button is shown, or if you do not wish to proceed for any reason, click **Cancel**, and you will return to the **Overview screen**.

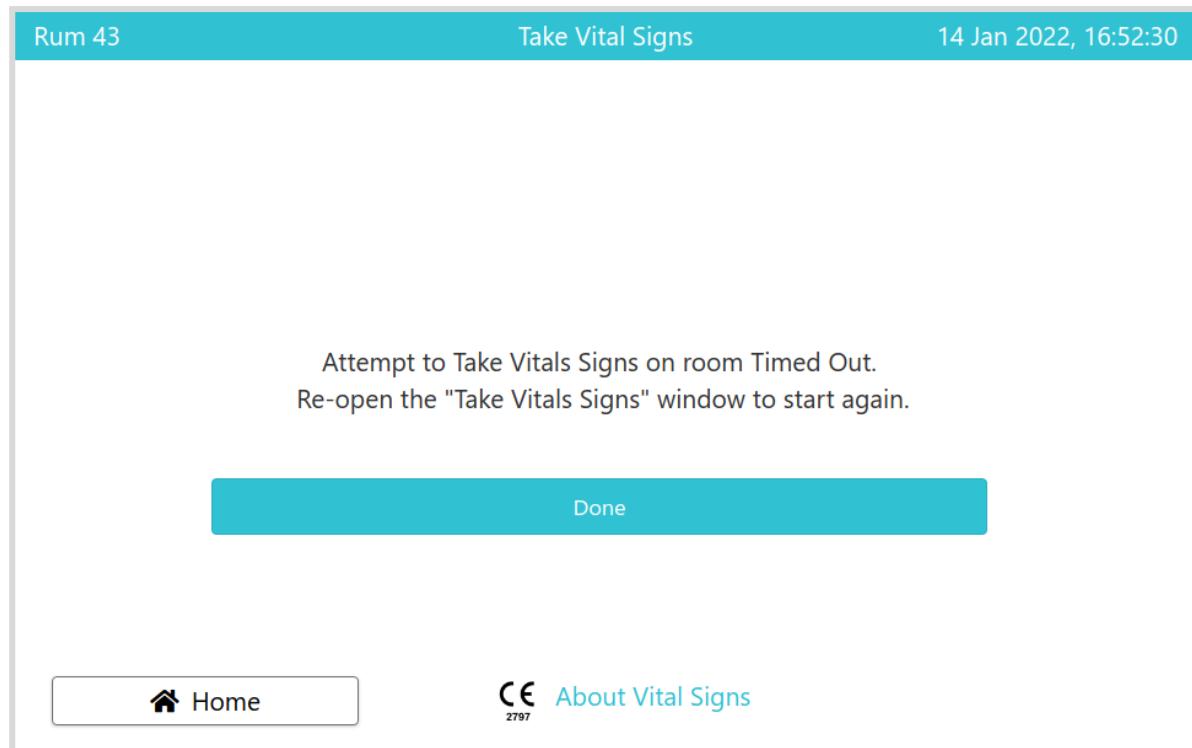
IMPORTANT - please read carefully

Oxehealth Vital Signs will not give pulse rate or breathing rate measurements if a subject is within a field of view where a privacy mask has been applied to cover an area such as a bathroom.

IMPORTANT SECURITY NOTICE - please read carefully

When taking Vital Signs observations, be careful to maintain the privacy of your subject by ensuring that your screen is not visible to any members of the public.

If you are unable to proceed for more than 15 seconds, the **Take Vital Signs screen** will automatically close and you will see the following display:



Click **Done**, and you will return to the **Overview screen**.

IMPORTANT - please read carefully

If the **Yes** button is available, you may proceed if the subject is still. If you are not sure the subject is still, do not proceed.

Guidelines for considering the subject to be still:

- Asleep in a bed, on the floor or in a chair
- Lying in bed awake, but not moving
- Sitting up in bed, a chair or on the floor awake, but not moving

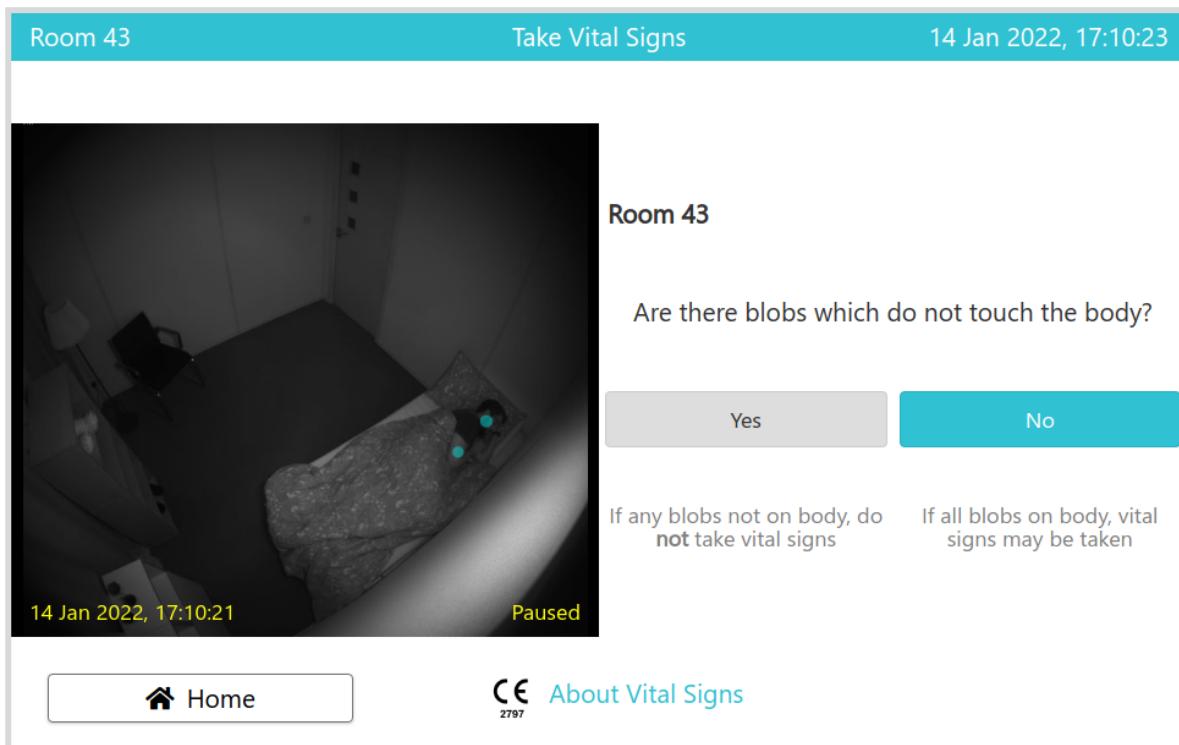
Do not proceed if the subject is carrying out small repetitive movements, for example:

- Rocking while sitting or lying
- Having a seizure
- Visibly shivering
- Displaying tremors
- Standing or sitting still, but manually brushing teeth or washing
- Brushing hair
- Fidgeting
- Tapping their foot or hand

**CAUTION**

If you can see the subject, but insufficient skin is visible (e.g. they are partially covered by bed sheets), then you may proceed with caution. If a subject has covered most of their skin, then it may not be possible to take a pulse rate observation, but a breathing rate observation may still be possible.

If you judge the subject to be still according to these guidelines, and you want to proceed, click **Yes** and you will see the second **Take Vital Signs** screen below:

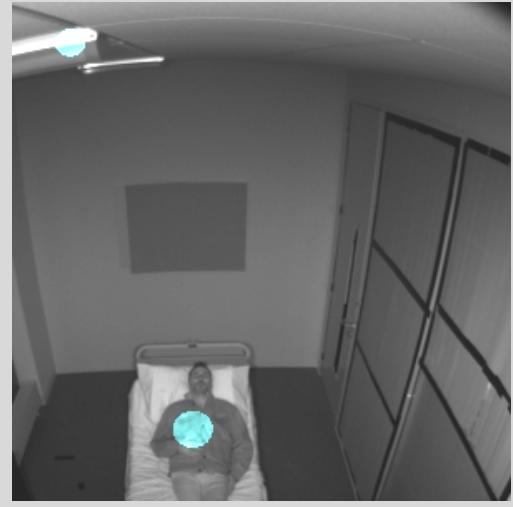


The video of the room will now pause, and you will see the regions in the image from which the Oxehealth Vital Signs software is estimating breathing and pulse rate as coloured blobs, together with the question **“Are there any blobs which do not touch the body?”**

IMPORTANT - please read carefully

The blobs in the image represent the locations from which the software is estimating pulse rate and breathing rate, and it is important that you ensure that the software is extracting these from the body of the subject. You will see up to two circular blobs, but these may be touching or overlaid, so be sure that you have accounted for this before proceeding to answer **No** to the question.

Examples of blobs that are and are not touching the body are shown below:

Only one blob visible, not touching the body**Select "Yes"****Two blobs visible, both touching the body****Select "No"****Only one blob visible and touching the body****Select "No"****Two blobs visible, one not touching the body****Select "Yes"**

In the last of these examples (bottom right), note that one of the blobs is on the light fitting on the ceiling.

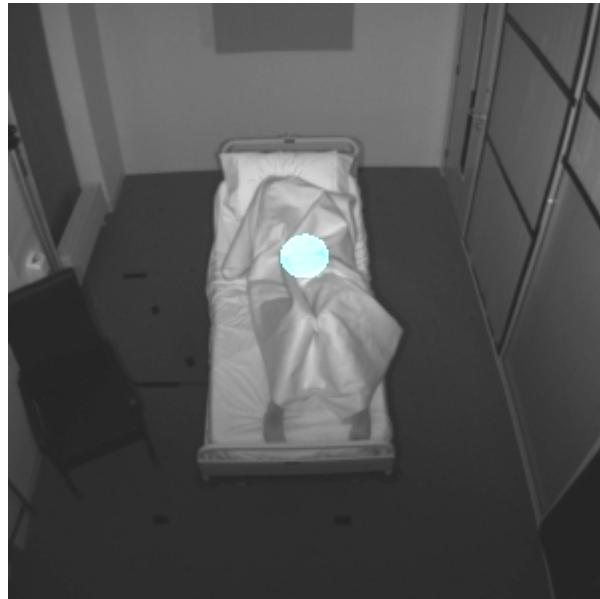


CAUTION

You must consider other means of obtaining vital signs observations if you have any cause for concern over the readings obtained by Oxehealth Vital Signs.

If you can see the subject, but they are covered, for example by bed sheets, then you may proceed with caution if you consider all of the visible blobs to be on the body of the subject.

An example of a subject being covered, but whose body can clearly be made out, with a blob touching is shown below:

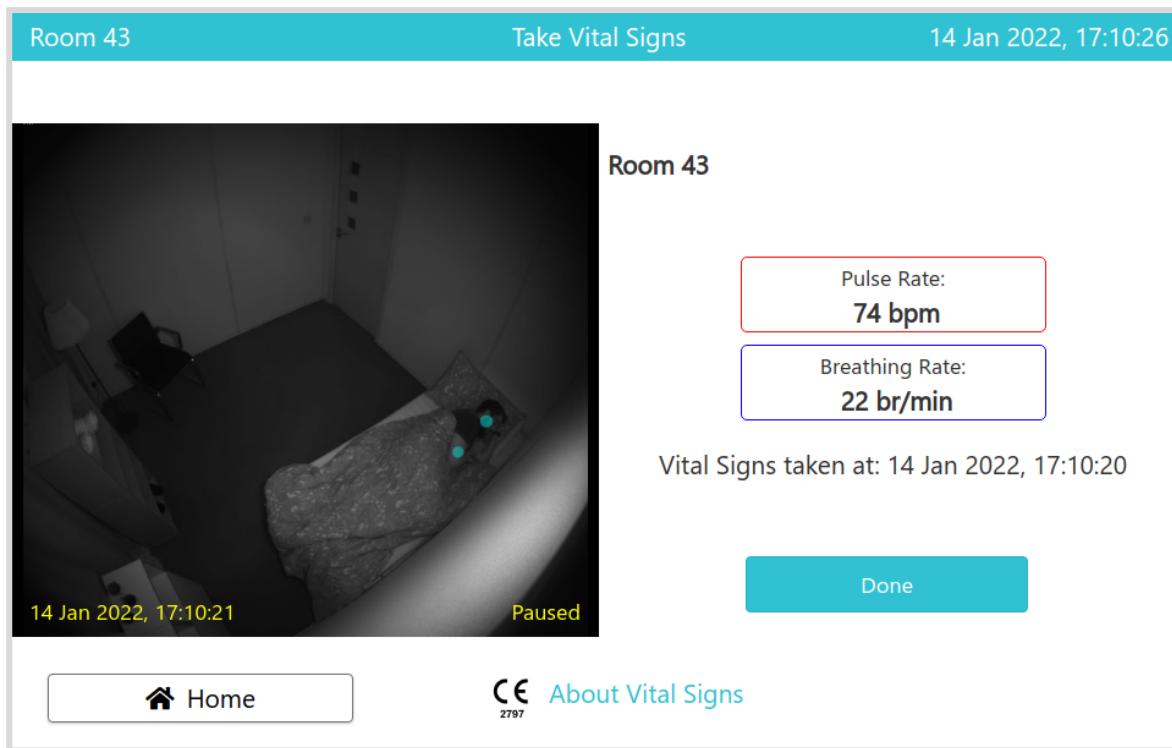


If a subject has covered all of their skin, then it may not be possible to make a pulse rate observation, but a breathing rate observation may still be possible.

Remember, Oxehealth Vital Signs may not give reliable or accurate measurements from the subject if another living being or moving object is in the image, even if hidden, for example by sheets. Never proceed if the blobs touch another living being or moving object.

If there are any blobs which do not touch the body, or you do not wish to proceed for any other reason, click **Yes**, and you will return to the **Overview** screen.

Otherwise, click **No** and you will see the final **Take Vital Signs** screen below:



The video of the room will remain paused, and you will see the Oxehealth Vital Signs breathing and pulse rate. The Oxehealth Vital Signs device software indicates the vital signs as follows:

Pulse Rate indicates the pulse rate of the subject in beats per minute (bpm).
(These may not be present if the Oxehealth Vital Signs software was not able to measure a pulse rate at the time that the video recording was paused.)

Breathing Rate indicates the breathing rate of the subject in breaths per minute (br/min).
(These may not be present if the Oxehealth Vital Signs software was not able to measure a breathing rate at the time that the video recording was paused.)

These vital signs observations have now been stored in the Oxehealth Vital Signs software history, and can be accessed using the **Vital Signs History** function on the **Action Menu** for this room.

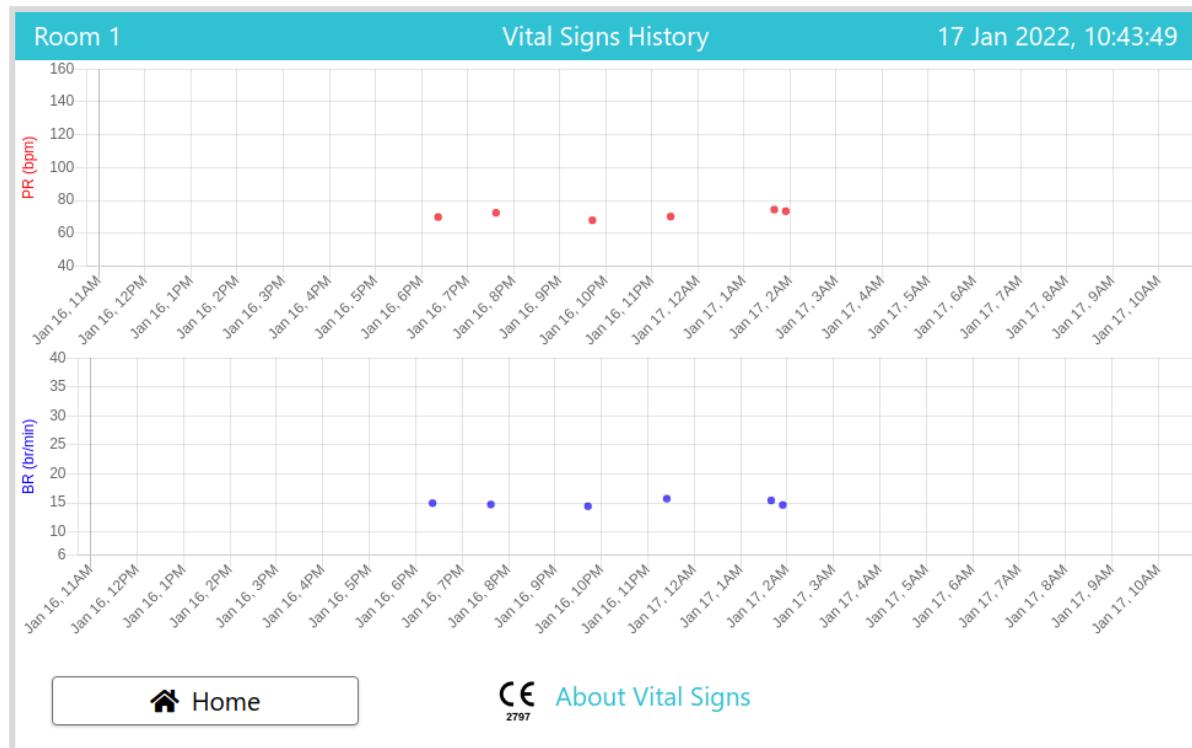
NOTE

You should also now record these vital signs observations according to your subject observation protocols.

Click **Done**, and you will return to the **Overview** screen.

Viewing Vital Signs History

To view the history of vital signs observations you have taken from a room, click the room icon, then select **Vital Signs History** from the **Action Menu**. (If your software does not show the **Vital Signs History** option, it may show **Vital Signs Trends** instead, in which case, refer to the next section on [Viewing Vital Signs Trends](#).) You will then see the **Vital Signs History** screen below:



The history of vital signs observations for the room is illustrated on the graphs as follows:

Red blobs (PR plot) indicate the pulse rate observations made in beats per minute (bpm).

These may not be present at each attempted observation point if the user cancelled the operation at any point, or the software did not measure a pulse rate at that time.

Blue blobs (BR plot) indicate the breathing rate observations made in breaths per minute (br/min).

These may not be present at each attempted observation point if the user cancelled the operation at any point, or the software did not measure a breathing rate at that time.

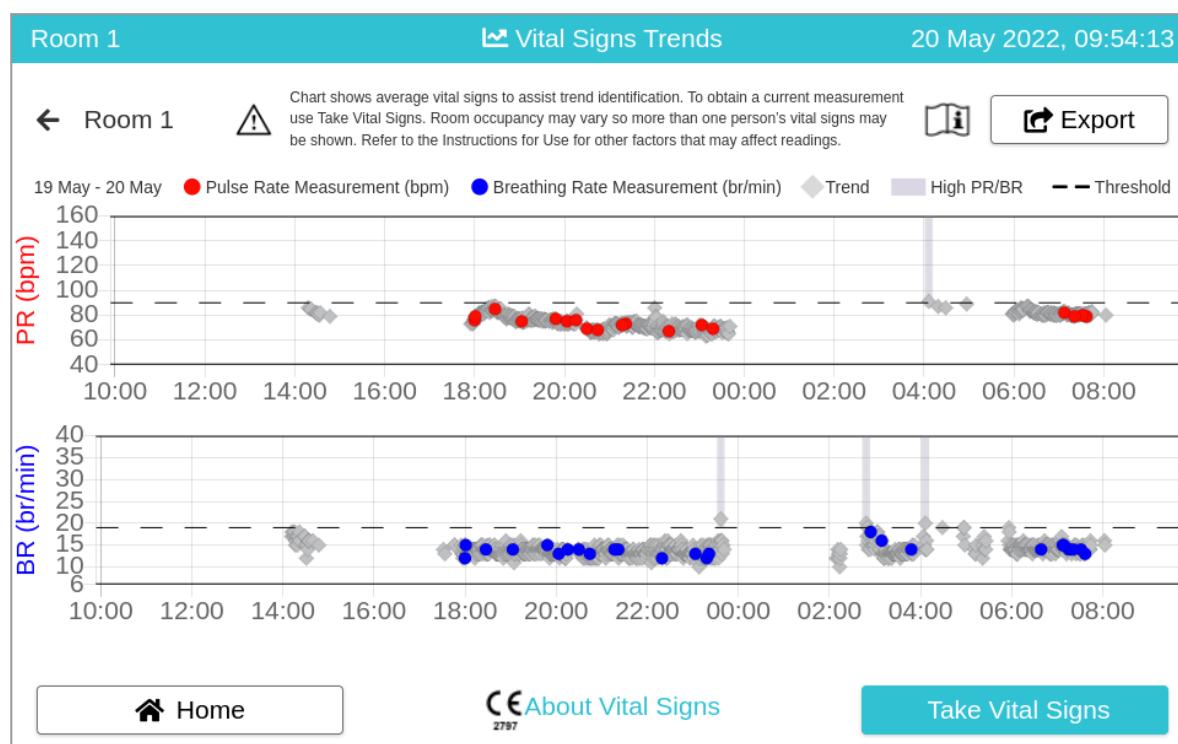
The history chart shows 24 hours of readings as its default setting, however your organisation may have a different duration configured. This is configurable and Oxehealth can change this for you during install or at a later date.

NOTE

The chart displays data gathered from a specified room so may show data for a subject who is not the subject currently occupying that room.

Viewing Vital Signs Trends

To view the history of vital signs measurements the software has automatically collected from a room, click the room icon, then select **Vital Signs Trends** from the **Action Menu**. (If your software does not show the **Vital Signs Trends** option, it may show **Vital Signs History** instead, in which case, refer to the previous section on [Viewing Vital Signs History](#).) You will then see the **Vital Signs Trends screen** below:



The history of vital signs measurements for the room is illustrated on the graphs as follows:

● **Red blobs (PR plot)** indicate the pulse rate observations made using Take Vital Signs in beats per minute (bpm).

These may not be present at each attempted observation point if the user cancelled the operation at any point, or the software did not measure a pulse rate at that time.

● **Blue blobs (BR plot)** indicate the breathing rate observations made using Take Vital Signs in breaths per minute (br/min).

These may not be present at each attempted observation point if the user cancelled the operation at any point, or the software did not measure a breathing rate at that time.

◇ **Grey diamonds (both plots)** indicate the average of automatic measurements made by the software without making spot-check observations using Take Vital Signs (see below).

Shaded areas indicate the times at which the average of the automatic measurements has exceeded the threshold for notifying you of sustained high vital signs (if this has been configured for your installation). The threshold is also shown (if configured) as a dashed shaded line.

Each grey trend point (◇) on this graph represents the average value of all collected pulse rates or breathing rates over a five minute period. Vital signs trend points are shown when measurements have been collected by the software for at least 75 seconds of the five minute period. The chart

shows a period of one day to provide a balanced overview of the subject's recent state and so that underlying trends may become apparent. Rapid, short duration changes in pulse rate or breathing rate will not appear on the trend chart.

Where no value is shown for a particular time, this may be because:

- There was too much movement in the room
- There was no subject in the room



CAUTION

The **Vital Signs Trends** chart shows a summary of average vital signs to assist trend identification and cannot be used to monitor pulse rate or breathing rate. To take an accurate measurement of pulse rate or breathing rate, use **Take Vital Signs**, or use other means to establish vital signs.

NOTE

The chart displays data gathered from a specified room so may show data for a subject who is not the subject currently occupying that room.

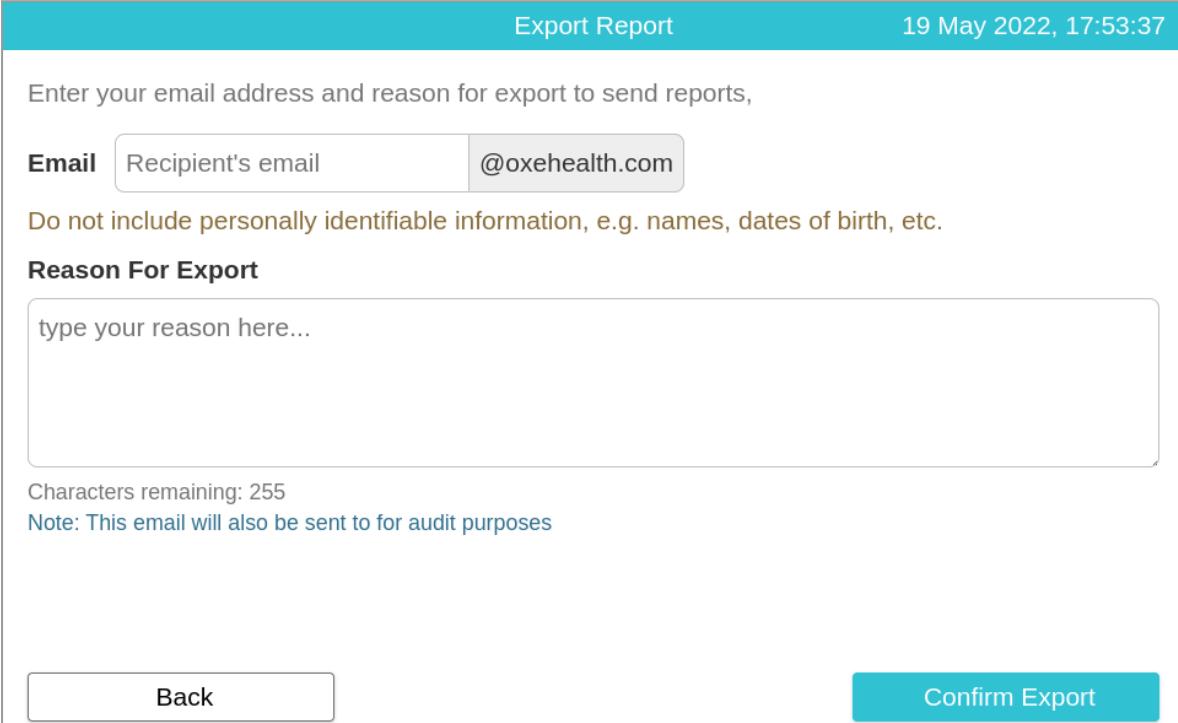
Export and Send a Vital Signs Trends Report

This feature allows you to export and send a **Vital Signs Trends** report to a recipient within your organisation by clicking the **Export** button situated in the top right part of the **Vital Signs Trends** screen:



Please note that *this feature is only available on fixed screen and tablet devices*.

The **Export Report** screen shown below will then appear prompting you to enter a recipient email address and the '**Reasons For Export**'. Click the **Confirm Export** button to send a read only report of the **Vital Signs Trend** chart to the designated recipient. The report will be sent as a PDF document attached to an email.



The screenshot shows the 'Export Report' screen. At the top, it displays the date and time: '19 May 2022, 17:53:37'. Below this, there is a text input field with the placeholder 'Enter your email address and reason for export to send reports,'. Underneath the input field, there is a section for 'Email' with a text input box containing '@oxehealth.com'. A note below the email field says 'Do not include personally identifiable information, e.g. names, dates of birth, etc.' Below the email input, there is a section for 'Reason For Export' with a text input box containing 'type your reason here...'. A note below this box says 'Characters remaining: 255' and 'Note: This email will also be sent to for audit purposes'. At the bottom of the screen are two buttons: 'Back' on the left and 'Confirm Export' on the right, which is highlighted with a teal background.

You will only be able to send the report to a recipient with an email address within your organisation, and you only need to enter the part of the email address before the '@' symbol. When you export a Vital Signs Trends report, a copy may also be sent to other recipients that your organisation has chosen for audit purposes. The email address of this person will be indicated on the Export Report screen shown above.

To cancel this action from the **Export Report screen**, click the **Back** button to return to the **Vital Signs Trends screen**.

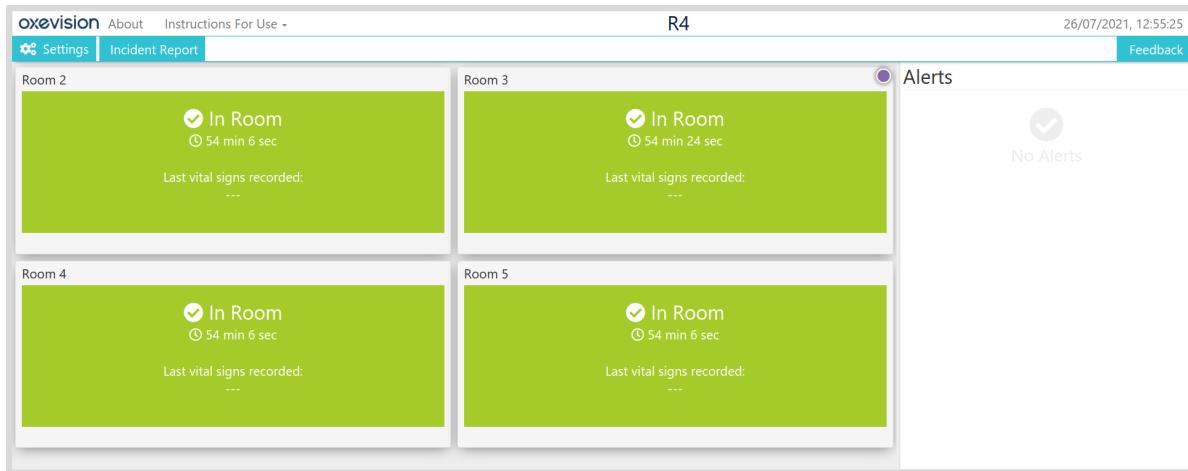
NOTE

Do not include any subject identifying information in the Export Report, 'Reason For Export' section, e.g. names, date of births.

Notification of Sustained High Vital Signs Trends

If this feature is configured for your installation, then you will be notified on the Overview Screen when the average of the automated measurements of pulse rate and/or breathing rate have exceeded the configured threshold for a particular room.

A purple dot -  - on the room card indicates that a sustained high pulse rate and/or breathing rate has been detected, and can be observed on the Vital Signs Trends chart as shown below:



Follow the instructions for [Viewing Vital Signs Trends](#) to observe the trends for the indicated room.

The high pulse rate and/or breathing rate indicators will subsequently disappear a configured time after the subject's pulse rate and breathing rate have both passed below the configured thresholds.

The threshold for high pulse rate and high breathing rate is the same for all rooms (with an option to be configured on a per room basis if required), and the time after which the notifications disappear is the same for all rooms. These options are configured for your installation by Oxehealth.

Pausing Measuring

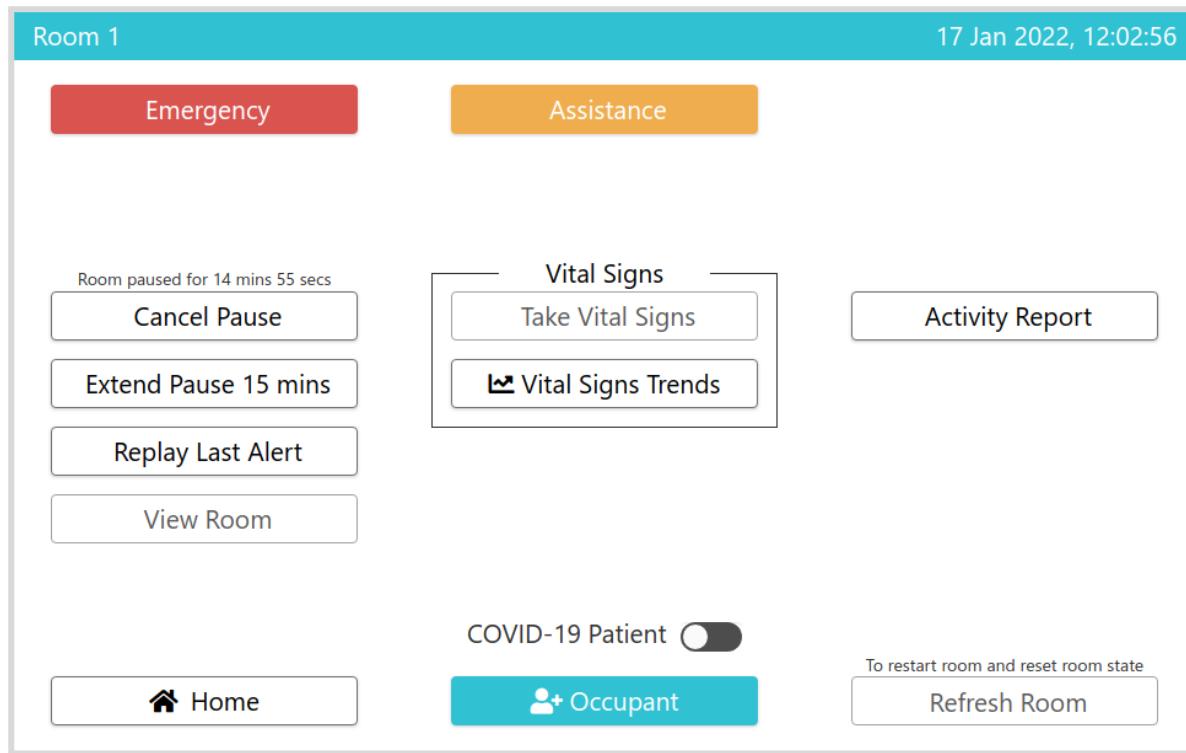
To pause measuring in any room, click the room icon for the room the subject is in, then select **Pause for 15 Minutes** from the **Action Menu**.

NOTE

The duration of the pause may not be 15 minutes if the default pause duration for this room has been changed. For instance, if the default pause duration has been changed to 45 minutes, the button will read **Pause for 45 Minutes**.

Extending and Cancelling a Pause

If you want to keep a room paused, or cancel the action and reconnect the room, click the room icon for the room the subject is in, and the **Action Menu** will look as it does below:



To Cancel the pause and reconnect the room, click **Cancel Pause**.

To extend the pause for another 15 minutes, click **Extend Pause 15 Minutes**. The room will now remain paused for the time that previously remained, plus the time added.

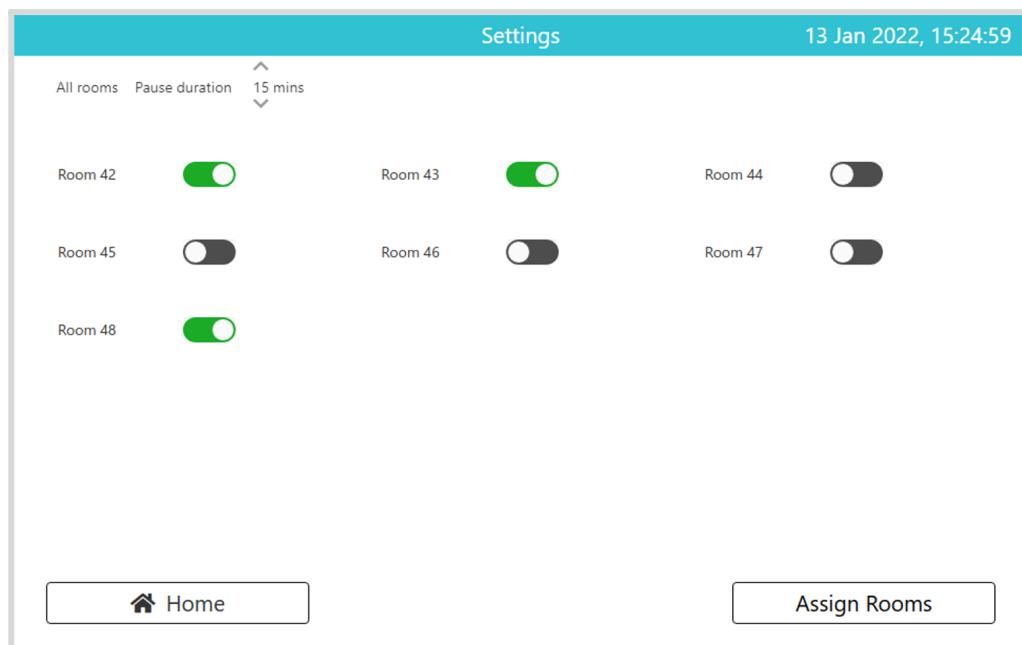
Click **Home** to return to the **Overview screen**.

NOTE

The extension of the pause may not be 15 minutes if the default pause duration for this room has been changed. For instance, if the default pause duration has been changed to 45 minutes, the button will read **Extend Pause 45 Minutes**.

Rooms Settings

To enable or disable Oxehealth Vital Signs device processing in any of the rooms, or change the default pause duration, Click the **Settings** button in the top left corner of the screen. You will then be shown the **Settings screen** below:



On the settings screen, you can control which rooms are connected, and set the default pause duration.

This screen shows the on or off status for each room, which is operated as follows:

Room 1	System		The room is chosen to be connected, such that the Oxehealth Vital Signs device software is receiving video, and making estimations for this room.
			To disconnect the room (stop the software from running, such that the software is not receiving or processing video), click the green toggle switch. The toggle switch should then look like the picture above.
Room 4	System		The room is chosen to be disconnected, such that the Oxehealth Vital Signs device software is not receiving video, or making estimations for this room.
			To connect the room (start the software, such that the software is receiving and processing video), click the black toggle switch. The toggle switch should then look like the picture above.

To change the **Default Pause** duration, click the up arrow above the pause duration to increase the pause duration **minutes** and click the down arrow below the pause duration to decrease the pause duration **minutes**.

Click **Home** to return to the **Overview screen**.

Sending Feedback to Oxehealth

To send feedback of any sort to Oxehealth, click the **Feedback** button in the top right corner of the screen. You will then see the **Feedback screen** below:

The screenshot shows a feedback form with the following fields:

- Name:** Enter your name (input field)
- Contact number:** e.g. 01234 567 890 (input field)
- Feedback Type:** General query (dropdown menu)
- Message:** Enter your message here (text area)

Below the form are two buttons: **Home** (with a house icon) and **Send Feedback**.

Select the **Feedback Type** (if this is available) and fill in the **Message** text field with the information you would like to share, your issues, suggestions or questions and click **Send Feedback** to send the information to Oxehealth. Please also provide your name and contact details, if available, as this will help a support representative to contact you if you require assistance. We will then receive your message automatically, and you will be returned to the **Overview screen**.

If you do not wish to send feedback, click **Home** and you will be returned to the **Overview screen**.

CAUTION

Do not include any subject identifying information in the feedback, e.g. names, date of births.



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