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CardioScan User Guide

Setting up and fitting the CardioScan Holter.

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Setting up the CardioScan Holter

This guide shows how to prepare the CardioScan Holter ECG within the software.

1 Plug the dongle into a spare USB port on the PC.

2 Plug the light grey download cable into a spare USB port on the PC.

3 Plug the Holter recorder into the light grey download cable and ensure that a battery isn't inserted into the recorder. Please note that the recorder will have a solid green LED light.
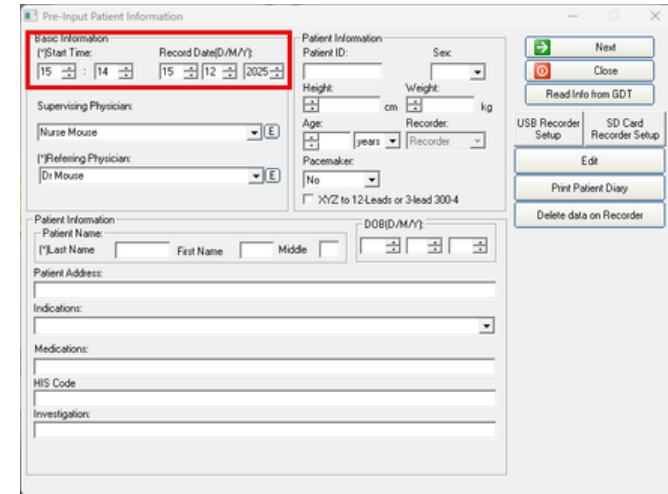
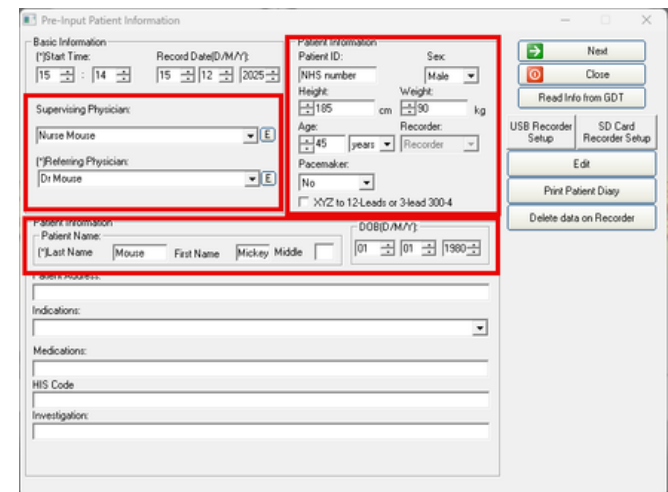**4** Open the CardioScan software using the icon on the desktop.

CardioScan

5 Click Enroll.

Enroll

6 The Start Time and Record Date need to be set to the time and date of the start of the Holter test.

7 Fill out the red ringed portions on the Pre-Input Patient Information box.

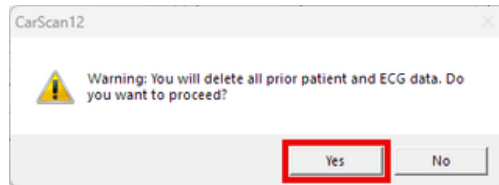**8** Optional step: Click [Print Patient Diary] .
This will allow you to print out a personalized diary for your patient to take with them and fill out while the test is in progress, which allows them to report symptoms while wearing the device.
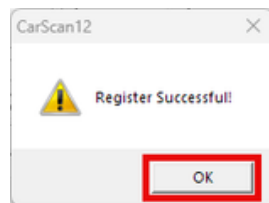
9 Click [→ Next] .

10 Click Yes.

CarScan12

⚠ Warning: You will delete all prior patient and ECG data. Do you want to proceed?

[Yes]   No

11 Click OK.

CarScan12

⚠ Register Successful!

[OK]

12 You can now unplug the light grey download cable from the recorder and the PC. The device is now ready to be fitted to a patient.

Fitting the CardioScan Holter to a Patient

This section explains how to fit the CardioScan Holter Recorder to the patient and, optionally, how to check that it's detecting an ECG trace on the patient.

1 Complete full skin preparation with your patient and ensure the skin is clean and dry.
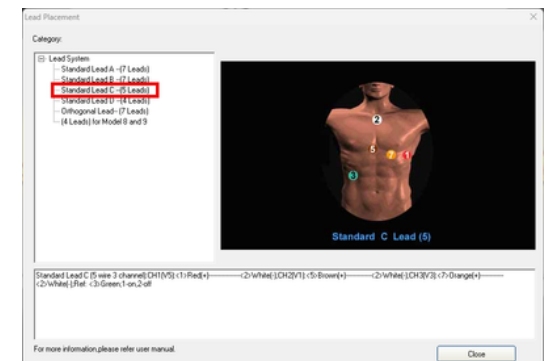
2 To see a placement guide for the patient leads and electrodes, go into the software and click Leads Placement.

Leads Placement

3 The most common lead type in use is Standard Lead C – (5 Leads).

4 Apply electrodes suitable for long term or Holter monitoring to the patient. Numed recommends using Ambu VLC or VL electrodes available from our website.

5 Plug the dark grey patient leads onto each electrode and plug the lead into the bottom of the Holter recorder.

6 Insert a brand-new high-quality alkaline AAA battery into the Holter recorder. Do not insert the battery at any point before this.

7 The LED light on the device will start flashing, then will beep after approximately 30 seconds, and the green LED light will stay on. The device is now ready to leave with the patient.

8 Give the following advice to the patient.

- Do not get the recorder wet. Avoid showers, bathing and swimming.
- Do not pull or jerk the lead wires. Do not remove the leads from the Holter recorder.
- Avoid electric blankets, heating pads and waterbed heaters.
- Do not remove the recorder from the carry pouch.
- Do not remove the battery. If the battery is removed and replaced, the recordings will be lost.

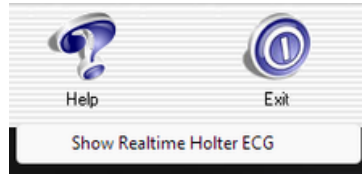## How to check the CardioScan recorder is detecting a trace.

This can only be done once the device has started recording.

1 Plug the black Hook Up (Isolation) cable into the top of the Holter recorder and into the PC.
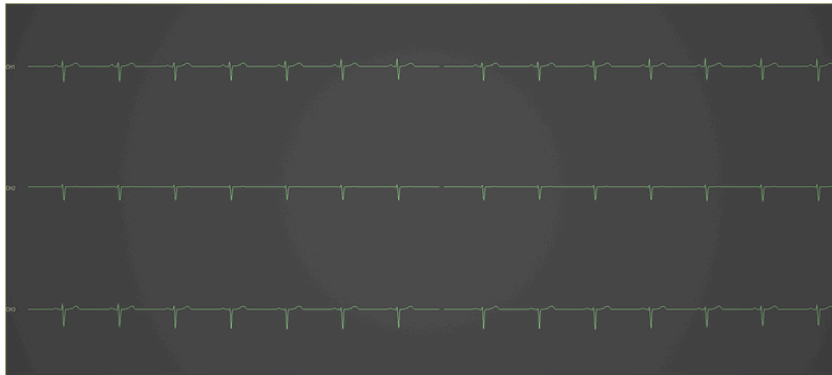
2 In the software, click Help, then click Show Realtime Holter ECG.

* Alternatively, press F5 on your keyboard.

3 This will show a 3-channel ECG on the screen so you can verify the device is recording correctly.

4 To leave the screen, press ESC on your keyboard.

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