# CardioChek Link<sup>®</sup> User Guide



## CardioChek Link<sup>®</sup> User Guide

This software program is compatible with Microsoft Windows<sup>®</sup> 7, Windows<sup>®</sup> 8.X, Vista operating systems

#### A. Intended Use

CardioChek Link<sup>®</sup> is software used to retrieve test results from a CardioChek<sup>®</sup> PA or CardioChek<sup>®</sup> Plus analyzer, allowing results to be saved to a computer and printed. It is not intended to be used with any other device. A computer will run one copy of CardioChek Link and connect to one CardioChek analyzer. If multiple CardioChek Link windows are opened, only the first one will function. If multiple analyzers are connected, only one analyzer will be recognized.

#### **B. Materials Needed**

- CardioChek<sup>®</sup> PA or CardioChek<sup>®</sup> Plus analyzer
- CardioChek Link USB cable

#### C. Before Installing CardioChek Link Software

- 1. Close all other programs.
- 2. Make sure the CardioChek Link USB cable is not attached to your computer.

#### D. Installing CardioChek Link Software

- 1. Double-click "CardioChek\_Link.setup.exe".
- 2. A **Confirm** screen will display and ask if you would like to install. Click "Yes" or "No." If CardioChek Link has never been installed on your computer, you will not see this message.



3. QSetup Installation Suite will load.

| 🛃 QSetup | Installation Suite | <b>X</b> |
|----------|--------------------|----------|
| <b>A</b> | Extracting Files   |          |

4. The Language Selection window will display. Select your language, then click "OK."

| Language Selectio | n X  |
|-------------------|--|
|                   | Select Installation Language:<br>English<br>French<br>German<br>Italian<br>Spanish |
|                   | ок   |

5. The Welcome screen will display. To continue setup, click "Next".



6. The next screen is the **End-User License Agreement**. If you select "Yes" and click "Next," the installation will continue. If you select "No", you will not be able to install the software.



7. The **Readme** screen will display. Read the steps, then click "Next".

| Cara | lioChek 🏹  |
|------|--|
| ſ    | Readme   |
|      | Readme 🧭   |
|      | Readme  1. After installing the CardioChek Link software and drivers, plug the cable into the meter and into the PC. 2. Wait for Windows to find the new hardware and complete the installation. 3. After PC says "Your new hardware is installed" CardioChek Link is ready for use. |
| l    | http://www.ptsdiagnostics.com/ <back next=""> Cancel</back>  |
|      |  |

8. The **Choose Destination Location** screen will display. You may use the default location displayed or click the "Browse" button to install in another location. Then click "Next."

| e Destination Location                                | 11                                       | 1200              |
|---|--|-------------------|
| Choose Destination Locatio                            | 1  |                   |
| Setup will install CardioChe                          | <b>k Link</b> in the following directory | y.                |
| To install to this directory, o                       | lick Next.                               |                   |
| To install to a different dire                        | tory, click <b>Browse</b> and select an  | nother directory. |
| Destination Directory                                 |  |                   |
|   |  | Browse            |
| C:\Program Files (x86)\C                              | ardioChek Link 3.2                       |                   |
| Space required on drive:<br>Space available on drive: | 6.02 MB<br>153297.1 MB                   |                   |
| p://www.ptsdiagnostics.com/                           | < Back                                   | Next >            |

9. The **Set Program Shortcuts** screen will display and you may choose whether to place a CardioChek Link shortcut on the desktop and/or the Quick Launch bar. Check the boxes to select, or leave them unchecked if you do not want any shortcuts. Click "Next."

| Program Shortcuts  |  | 23        |
|--|--|-----------|
| Set Program Shortcuts  |  | $\otimes$ |
| Setup will add Shortcut to the S<br>You may also add other Shortcu | Start/Program menu.<br>uts to your computer. |           |
| Start/Program Menu   |  |           |
| CardioChek Link 3.2  |  |           |
| Add Shortcut to the Star   | t Menu                                       |           |
| ☑ Create Shortcut on the □   | Desktop                                      |           |
| http://www.ptsdiagnostics.com/                                     | < Back Next                                  | > Cancel  |

10. The **Confirm Setup Settings** screen displays. To continue installing, click "Next." To change any settings, click "Back."

| Card | ioChek V  |
|------|---|
|      | Confirm Setup Settings  |
|      | Setup has enough information to start copying the program files.<br>If you want to review or change any settings, click <b>Back</b> . |
|      | Target Directory:   |
|      | Click NEXT to begin copying files   |
|      | http://www.ptsdiagnostics.com/ <back next=""> Cancel</back>   |
|      |   |

11. Once "Next" is clicked, the system will begin **Copying Files,** and then the **Setup Complete** screen appears. Clicking the "Finish" button allows the software to run.

| Copying Files<br>Copying Files   |                                      | (            | × |
|--|--------------------------------------|--------------|---|
| <b>File:</b><br>CardioChekLink 3.2.re:<br><b>Folder:</b><br>C:\Program Files (x86) | ources.dll<br>CardioChek Link 3.2\jt |              |   |
| http://www.ptsdiagnostics.com/   | < Back                               | Next > Cance |   |

- 12. An Attention window will appear once the software has been updated, which says, "Congratulations CardioChek Link Has Been Successfully Updated!" Click "OK."
- 13. After installing the CardioChek Link<sup>®</sup> software and drivers, insert the CardioChek Link USB cable assembly into the MEMo Chip<sup>®</sup> port (as pictured). Then plug the USB end of cable into the computer.



- 14. If the window, "Hardware Installation" appears, click "Continue Anyway" to continue with installation.
- 15. Wait for Windows to find the new hardware and complete the installation.
- 16. After COMPUTER says "Found new Hardware", CardioChek Link is ready for use.

### E. Using CardioChek Link<sup>®</sup>

- 1. Once the CardioChek Link is connected to your computer, press either CardioChek analyzer button to turn on the analyzer.
- 2. Start the CardioChek Link program from the computer by double-clicking the CardioChek Link icon or by following the menus: Start > Program (All Programs) > CardioChek Link and clicking the CardioChek Link icon. You may also go directly to the Program Files\CardioChek Link directory (or to whatever directory you installed the software) to run the CardioChek Link program. The first time CardioChek Link is opened "Found New Hardware" will be displayed.
- 3. Type the **Provider Name**, **Provider Number**, **Patient Name** and **Patient Number** in the appropriate fields. **Provider Name**, **Provider Number**, **Patient Name** and **Patient Number** are required fields and must be entered before testing to ensure proper patient identification. New patient information must be entered each time a new patient is tested.
- 4. Select the **Receive test data** button to prepare the CardioChek Link program to accept data from the CardioChek Connect analyzer.
- 5. Use the CardioChek Connect analyzer to perform a test. While the CardioChek Link program is waiting for data from the CardioChek analyzer, the **Waiting for data from CardioChek Analyzer** screen will appear with a beating heart CardioChek symbol.

| Help     | Ensure yo         | ur PA Analyzer Print Output | is set to PC                  |      |
|----------|-------------------|-----------------------------|-------------------------------|------|
| Provider |                   | Patient                     |                               |      |
| Name     | PTS Diagnostics   | Name                        | CardioChek                    |      |
| Number   | 317-870-5610      | Number                      | 2014                          |      |
| Measurem | nent              |                             |                               |      |
| Date:    |                   |                             |                               |      |
| Result:  | 🔗 CardioChek Link |                             |                               |      |
| Lot:     |                   | $\sim$                      |                               |      |
|          |                   | $\sim$                      |                               |      |
|          | Waiting for a     | data from CardioChek /      | halyzer                       |      |
|          |                   |                             |                               |      |
|          |                   | Cancel                      |                               |      |
|          |                   | Cancel                      |                               |      |
| 11       |                   | Cancel                      |                               |      |
| C        | ardioChek 🔿       |                             | py Print                      | Save |
| Ca       | ardioChek         |                             | py Print<br>Receive test data | Save |

6. Once a test has been completed, the results will automatically be displayed on the computer screen.

| elp        |                                      | Ensure your PA A | nalyzer Print Output | t is set to PC     |          |
|------------|--------------------------------------|------------------|----------------------|--------------------|----------|
| Provider   |                                      |                  | Patient              |                    |          |
| Name       | PTS Diagnostics                      |                  | Name                 | CardioChek         |          |
| Number     | 317-870-5610                         |                  | Number               | 2014               |          |
| leasurem   | ient                                 |                  |                      |                    |          |
| )ate: 09 ( | OCT 2014, 02:49 PM                   |                  |                      |                    |          |
| Result: CH | IEM                                  |                  |                      |                    |          |
| .ot: CODE  | E Q303 (Lipid+eGLU)                  |                  |                      |                    |          |
| CHOL       |                                      | 133 mg/dL        | CALC LI              | DL                 | 47 mg/dL |
| HDL CHO    | DL                                   | 42 mg/dL         | TC/HDL               | -                  | 3.2      |
| TRIG       |                                      | 223 mg/dL        | LDL/HD               | )L                 | 1.1      |
| eGLU       |                                      | 134 mg/dL        | NON-HE               | DL                 | 91 mg/dL |
| C          | ardioCh                              | ah               |                      |                    |          |
| 2          | onnect                               |                  |                      | py Pnnt            | Save     |
|            |                                      | V                |                      | Receive test       | data     |
|            | PTS Diagnostics<br>Indianapolis, IN. |                  | Register your C      | ardioChek Analyzer | Quit     |

- 7. You may now utilize the **Copy**, **Print** or **Save** functions of the program to store and record the test results.
- 8. Select **Copy** in order to paste the test results into another program such as Microsoft Notepad or Microsoft Excel.
- 9. To print the results, select the **Print** button and follow the prompts from your computer.
- 10. To save a copy of the results to an Excel spreadsheet, select Save and create a file name. The Save file created is a comma separated value (.csv) file. To save additional test results to the same spreadsheet, select Save and then select the same file name previously created to add the new patient and test results. To save a copy to a new Excel spreadsheet, select Save and create a new file name.
- 11. To open a saved file, go to the directory to which it was saved and double click the file. The file will automatically open within Excel.
- 12. If a test has been run before the Receive test data button has been selected, results will not display on the CardioChek Link screen and a PRINT ERROR message will be displayed on the CardioChek analyzer. The results will NOT be lost. Click the Receive test data button and then select the result you wish to be printed or saved from the CardioChek analyzer memory menu. See the CardioChek analyzer User Guide for instructions on accessing Memory

13. Additional instructions and help can be found by selecting the **Help** drop down menu located in the upper left corner of the CardioChek Link toolbar.

| 😵 CardioChek Link Help  |  |
|-------------------------|--|
| Hide Back Print Options |  |
| Contents Index          | CardioChek® Link Help  |
|                         | Menu - Help  |
|                         | About  |
|                         | Display program information.   |
|                         | Help   |
|                         | Display this help file.  |
|                         | Usage  |
|                         | Provider   |
|                         | Provider   |
|                         | Name Number  |
|                         | Provider Name, is required and must be entered before testing to ensure proper provider dentification. |



CardioChek Link<sup>®</sup> is manufactured in the US by PTS Diagnostics, Indianapolis, IN 46268 **For assistance with CardioChek Link**<sup>®</sup> Call PTS Diagnostics Customer Service: +1-877-870-5610 (Toll-free in the US) +1-317-870-5610 (Direct) +1-317-870-5608 (Fax) E-mail: inforequest@ptsdiagnostics.com Website: www.ptsdiagnostics.com PS-002977 EN Rev. 0