



**Medtronic**

## MEDTRONIC CARELINK® NETWORK

Home monitoring for heart devices

*freedom to*

**LIVE** | **LIFE**





"Before CareLink Monitoring, I was concerned about traveling far from home and my clinic. Having the monitor with me, knowing I can be 'connected' with my clinic within minutes, makes me feel much better."

– Dawn Yasik  
Newark, Delaware

*freedom to*

**LIVE** | **LIFE**

## A Revolution In Care

Do you ever feel tied down because of doctor appointments or checkups? Would you like to travel more without worrying about being too far from your heart clinic? Would it reassure you to know you can stay connected to your doctor no matter where you are?\*

The Medtronic CareLink® Network may give you a new sense of freedom through remote monitoring of your Medtronic implantable heart device. CareLink® Monitoring allows you to send your device information to your clinic using a monitor connected to a standard phone line. Your clinic then reviews your device information on a secure Internet website, allowing your doctor to do a routine device follow-up or to review a special situation.

Today, more than 100,000 people benefit from Medtronic's home monitoring, gaining more:

- **Freedom.** With CareLink Monitoring, you're free to LIVE LIFE more fully. You may not have to travel to the clinic as often for heart device follow-up appointments.
- **Convenience.** The CareLink Monitor is easy to use. With the simple, one-touch monitor, you transmit device information over a standard phone line. If you have an implanted heart device with Conexus® Automatic Monitoring , your information may be sent automatically while you sleep.
- **Peace of mind.** People who use CareLink Monitoring report a sense of reassurance<sup>1</sup> knowing their doctor has access to important information about their heart health. If you feel symptoms, your clinic may ask you to send information so your doctor can review your condition. If your device has the Conexus feature , alert notifications may be sent directly to your clinic as defined by your doctor.

\* The CareLink Network is not available for all Medtronic heart devices or in all countries. Check with your doctor to see if home monitoring is available for you.



This is the monitor that can be used with your device

## Sending Information from Your Implanted Heart Device

You can send information from your Medtronic heart device using an antenna similar to a computer mouse attached to the CareLink Monitor.



On the scheduled day, or when your clinic asks you to transmit, you simply connect your monitor to a regular phone line, push the start button, and hold the antenna over your heart device. The monitor sends your device information and turns itself off when the transmission is done. Your clinic team views your information on a secure website and contacts you as needed.

Open the flap to see a visual description →

## Sending Information from Your Heart Device



### 1 Reading the Data

On the day scheduled by your clinic, connect the CareLink Monitor to a standard phone line and press the button on the left side of the display panel. Place the antenna (similar to a computer mouse) over your implanted heart device. The green reading lights will flash while the monitor reads and stores the information in your device. When the lights stop flashing and you hear two beeps, remove the antenna from over your implanted device.\*



### 2 Sending the Data

Next, the CareLink Monitor sends your device information to a secure computer server. After the monitor automatically dials a toll-free, pre-programmed number, the green sending lights on the right side of the display panel begin to flash. The sending phase is complete when the green completion light turns on and the monitor beeps twice.\*\*



### 3 Reviewing the Information

Your clinic will review your device information on a secure website. The clinic may contact you depending on its procedures and your situation.

\* The reading process typically takes less than 3 minutes but may take up to 12 minutes.

\*\* The process of sending information typically takes less than 3 minutes but may take up to 30 minutes depending on the amount of information being transferred and the telephone line.

## Sending Information from a Heart Device with Conexus Automatic Monitoring



\* Sometimes your clinic will ask you to send a manual transmission using the antenna attached to your monitor. To do this, follow the instructions on the panel to the left. Complete instructions are contained in the manual and video/DVD sent with your monitor. When you receive your monitor, your clinic will ask you to send a manual transmission to coordinate your monitor to work with your implanted heart device. Once you complete this "Setup Session," the monitor can automatically communicate wirelessly with your heart device.



## Sending Information from an Implanted Heart Device with Conexus Automatic Monitoring

If you have a Medtronic heart device with Conexus Automatic Monitoring , your device data may be sent automatically, usually while you sleep. Your clinic will schedule these transmissions for you. On the scheduled night, your device “wakes up” and communicates with your monitor. The monitor silently sends your device data, without assistance from you. Sometimes your clinic will ask you to send information manually using the antenna (see left panel).



If your implanted heart device is enabled with Conexus Monitoring, your CareLink Monitor will have this symbol in the upper right corner.

### Medtronic CareAlert® Notifications

Heart devices with automatic monitoring are able to send a CareAlert™ notification to your clinic when certain conditions are met, such as low battery or an irregular heartbeat. Your clinic may program your device to send such messages to help manage your care.

# CareLink Monitor Questions and Answers

## What is a CareLink Monitor?

The CareLink Monitor (shown at right) allows you to send data from your implanted heart device over a standard phone line for your doctor or clinic to review. The unit is small, portable, and very easy to use.



If you have a monitor with a Conexus symbol in the upper right corner (  ), you have an implanted heart device and monitor that will communicate automatically. This monitor is designed to send data from your heart device to your clinic without assistance from you, usually while you sleep.

## When should I expect to receive the monitor?

You should receive your monitor a few weeks after your clinic orders it for you. The monitor will be shipped in a plain brown box for your privacy. You may need to sign for it when it arrives. If you have not received your monitor 30 days after it's prescribed, please contact your clinic.

## How do I use it?

The monitor is very easy to set up and use. You will find instructions in the box, including a video/DVD. Please review these instructions before using your monitor.

### **What if I have questions?**

If you have questions about your monitor, contact your clinic or Medtronic Patient Services, 1 (800) 929-4043 Monday-Friday, 7 a.m.-6 p.m. Central time.

### **Can I travel with the monitor?**

Yes. The monitor weighs about a pound, fits in a suitcase, and should pass easily through airport security. Make sure to bring your Device Identification Card in case you are questioned by airport security. The monitor works with a standard phone line.

### **What will the monitor cost me?**

There's no charge for the CareLink Monitor. However, some clinics and insurance companies may require a copay when you send your information because the device check is comparable to an in-office visit.



“This little box is great. It takes stress out of my life and brings back normalcy. For years I was healthy, and suddenly my life was turned upside down with frequent doctor appointments. The CareLink Monitor lets me stay home, making my life feel more normal.”

– *Angelina Henderson  
Richmond, Texas*

## How Is CareLink Monitoring for Pacemakers Different than Transtelephonic Monitoring (TTM)?

Many people with pacemakers send heart information to their clinic using transtelephonic monitoring (TTM), a technology that has existed since the 1970s. TTM provides a snapshot of what's happening with your heart while you're on the phone with the TTM receiver.

The CareLink Monitor sends data stored in your heart device, comparable to the information obtained from your heart device during an office visit. This includes information such as battery longevity and past heart rhythm episodes.

### **The CareLink Monitor works differently than TTM.**

- The CareLink Monitor is plugged directly into a telephone line. There's no need to attach the phone receiver to the monitor.
- No nurse or technician is on the line with you when you send information using your CareLink Monitor. Remember you should only send information when your clinic tells you to.

- Device information can be sent any time of day using your CareLink Monitor. Follow your clinic's instructions on when to send your information.
- The CareLink Monitor uses a mouse-like antenna instead of electrodes or magnets to gather information. No wrist electrodes are needed.

## Pacemaker Patient Appreciates Convenience

Emmett Joyce, an 83-year-old retired dairy farmer, loves traveling and flying small airplanes with a flight instructor. CareLink Monitoring gives him more time to enjoy the activities he loves – instead of driving 200 miles to his clinic.

Emmett finds the CareLink Monitor easy to use. "It takes just a few minutes, and I don't need any help. Now I only visit my doctor once a year, instead of four times."



*Emmett Joyce  
Green Bay, Wisconsin*



At times when John Bomar has experienced episodes, his clinic has asked him to send device information using his CareLink Monitor. "Instead of feeling helpless and wondering if my heart is going into a dangerous heart rhythm, I can be on top of it. Words cannot describe the reassurance that gives me."

— John Bomar  
Grenada, Mississippi

## We're Committed to Serving You

Living with an implanted heart device brings unique challenges. Medtronic offers resources to help you understand your treatment and feel secure with it.

[www.medtronic.com/carelink](http://www.medtronic.com/carelink)

At Medtronic.com, you will find information about the CareLink Network, such as stories about patients who use the service. In addition, you can download a complete guide to living with an implanted heart device. Go to [www.medtronic.com/carelink](http://www.medtronic.com/carelink), click on "Information for Patients and Their Families," then select "Device Patient Resources" found in the "Take Charge" section at the bottom of the page. This helpful booklet provides information about how the heart works, heart rhythm problems, and other heart conditions. You'll find tips for living with a device, including sections on work and travel.



---

Clinic Name

---

Address

---

Phone Number

Medtronic Patient Services  
1 (800) 929-4043

[www.medtronic.com/carelink](http://www.medtronic.com/carelink)

## [www.HeartHelp.com](http://www.HeartHelp.com)

This website of Medtronic's HeartHelp® Resource Center has in-depth information about heart conditions and how they are diagnosed, treated, and managed. The site contains resources for patients and families, including questions you can ask your doctor.

## **Medtronic Toll-Free Help Line**

If you have questions about your transmissions or your CareLink Monitor, please call Medtronic Patient Services toll-free at 1 (800) 929-4043 Monday-Friday, 7 a.m.-6 p.m. Central time.



*People all over the world are living fuller lives because of Medtronic's medical technology. CareLink Monitoring is another great example. Ask your doctor if it is right for you.*

## Reference

<sup>1</sup> Schoenfeld MH, Compton SJ, Mead RH, et al. Remote monitoring of implantable cardioverter defibrillators: a prospective analysis. *PACE*. June 2004;27(6 Pt 1):757-763.

## Additional Information

The Medtronic CareLink<sup>®</sup> Monitor is a prescription product indicated for use in the transfer of patient data from some Medtronic implantable cardiac devices based on physician instructions and as described in the product manual. This product is not a substitute for appropriate medical attention in the event of an emergency and should only be used as directed by a physician.

CareLink Service is prescribed by your physician. This service is not for everyone. Please talk to your doctor to see if it is available in your country and if it's right for you. Your physician should discuss all potential benefits and risks with you. Although many patients benefit from the use of this service, results may vary. If you have additional questions after talking to your doctor, please call the Medtronic toll-free number at 1 (800) 929-4043 (7 a.m. to 6 p.m., Monday-Friday, Central time) or see the Medtronic website at [www.medtronic.com](http://www.medtronic.com).

### World Headquarters

Medtronic, Inc.  
710 Medtronic Parkway  
Minneapolis, MN 55432-5604  
USA  
Tel: (763) 514-4000  
Fax: (763) 514-4879  
[www.medtronic.com](http://www.medtronic.com)

### Medtronic CareLink Patient Services

1 (800) 929-4043  
7 a.m. to 6 p.m. Central time  
Monday-Friday  
Fax: (763) 367-5809

UC200402712c EN  
© Medtronic, Inc. 2009  
Minneapolis, MN  
All Rights Reserved  
Printed in USA  
March 2009



# Medtronic