Introduction

Transforming cardiac arrhythmia detection for better patient management

The Reveal LINQ™ System is an innovative long-term monitoring solution that facilitates the diagnosis and treatment of difficult-to-detect cardiac arrhythmias for patients with:

- Syncope
- Palpitations
- Cryptogenic stroke
- Atrial fibrillation (AF)
- Suspected AF

The MyCareLink Patient Monitor and the Medtronic CareLink Network are indicated for use in the transfer of patient data from Medtronic implantable cardiac devices. These products are not a substitute for appropriate medical attention in the event of an emergency. Data availability and alert notifications are subject to Internet connectivity and access, and service availability. The MyCareLink Patient Monitor must be on and in range of the device. Alert notifications are not intended to be used as the sole basis for making decisions about patient medical care. A patient’s particular medical condition may dictate whether or not a subcutaneous, chronically implanted device can be tolerated.
A Revolutionary System

The Complete Monitoring Solution

- Reveal LINQ™ ICM
- MyCareLink® Patient Monitor
- Minimally Invasive Insertion Procedure
- Patient Assistant
- Mobile Alerts
- Streamlined Reports
- Improved CareLink® User Interface
**Powerfully Small**

**SMALL**

The Reveal LINQ Insertable Cardiac Monitor (ICM) is the smallest heart monitor on the market.

**3 YEAR**

It automatically detects and records abnormal heart rhythms for up to three years.

**MRI**

It’s safe for use in an MRI Setting.†

† Reveal LINQ ICM has been demonstrated to pose no known hazards in a specified MR environment with specified conditions of use. Please see Reveal LINQ ICM clinician manual for more details.
MyCareLink® Patient Monitor

Wireless Data Transmission

MyCareLink Patient Monitor is easy to use and features global cellular technology

Medtronic CareAlert® Notifications can result in earlier clinical decisions compared to non-wireless devices¹

Patient compliance is easy and automatic with wireless device-to-monitor communication²


MyCareLink Patient Monitor

Reassuringly Easy for Patients

- Uses a cellular signal and a power outlet. Setup is simple and easy.
- The clear, understandable animated display shows patients exactly what to do.
- Patients can go wherever they want. The MyCareLink Monitor will go with them.

* The monitor must be plugged in at all times, in range of the patient’s implanted device, and in a location that receives an adequate cellular signal.
Remote Monitoring with Reveal LINQ ICM

The Reveal LINQ ICM *continuously* records heart rhythm data and sends it *wirelessly* to the MyCareLink Patient Monitor.

The MyCareLink Patient Monitor transmits data from the Reveal LINQ ICM to the clinic via a *global cellular* connection.

The clinic receives *easy-to-use* and *clinically actionable* Reveal LINQ reports via the CareLink® Network.
Getting Started

Follow these easy steps to begin managing your Reveal LINQ ICM patients

1. Log in at https://clc.medtroniccarelink.net/Clinician/Login/login.aspx

2. Ensure your clinic phone number is accurate.
   Manage My Clinic>Clinic Profile

3. Set up the CareAlert® Notifications at the clinic level.
   Manage My Clinic>CareAlert Notification Setup>Alert Groups>Reveal LINQ Wireless Device Configurations
   - Set your alerts at the clinic level (Red, Yellow, Website Only, or No Alert)
   - Select notification methods for Red and Yellow Alerts (Phone, Text, or Email)
   - Set CareAlert Notification hours
   - Test your notification method for the selection made (Phone, Text, Pager, or Email)

Click Here for More Information on CareAlert Notifications.
4. Decide if you would like to set the CareAlert Notifications at the patient level, including the Home Notification feature.
   You first need to search/find the patient. Manage My Patients>Patient name> Patient details>Override Clinic’s Alert Groups

5. Set and customize Report Preferences under the Manage My Clinic tab. ICMs>Expand the Reveal LINQ section>Review options for customization

6. Become familiar with the transmission types and frequency of patient transmissions. Click here for more information about the Transmission Summary.

7. Familiarize yourself with the consolidated reports. Click here for more information about Auto-Generated Reports.

8. Become familiar with viewing and printing reports. Click here for more information on Viewing and Printing Reports.

9. Configure the Patient Information Site Click here for more information about the Patient Information Website.
CareAlert Notification Workflow – Email Notifications

Use this workflow when you prefer to triage your alerts at the time they’re received with email notifications.

1. Receive Email Notification
2. Click the embedded link within the email which will take you to the patient’s report list
3. Review the patient’s report list and select the most recent Event and/or Full Report
4. View Data and take clinical action as needed
5. If more data is needed, request a manual transmission
6. Review Desired Episodes
7. For a closer look, click the "Last Data Send" to bring up the Transmission Details. Click the Episodes tab to view the episode list
Suggested Workflows

CareAlert Notification Workflow – Logging into the CareLink® Website

Use this workflow if you prefer to manage your CareAlert Notifications on an ongoing basis.

Log into the CareLink Website → From the Home page, click “New Transmission with Events” → Locate a Reveal LINQ™ patient and click on their name → Review the patient’s report list, and select the most recent Event or Full Report.

Review Desired Episodes → For a closer look, click the “Last Data Send” to bring up the Transmission Details. Click the Episodes tab to view the episode list → View Data and Take Clinical Action.

If more detail is needed, request that patient complete a manual transmission → Repeat for all Reveal LINQ patients with event reports.
Suggested Workflows

CareAlert Notification Workflow – Summary Report Workflow

Use this workflow to manage your patients monthly, via the Auto-Generated Summary Report.

- Log into the CareLink Website
- Navigate to Transmissions
- Select Summary Reports from the tab
- Review all reports labeled "New"
- If more data is needed, request that patient complete a manual transmission
- For more information, click on the date in the "Received" column
- Click on PDF icon to review individual reports
- Review all episodes since last Summary Report
Key Features

Here are the key features you’ll find on the CareLink Website to help you manage your Reveal LINQ patients. Click on the boxes below for more information.

**CareAlert Notifications**
CareAlert Notifications notify you of significant cardiac events between medical appointments, allowing you to better manage your patient’s heart condition.

**Consolidated Viewing**
Multiple events that come in via multiple transmissions are consolidated and able to be viewed in one place. This allows you to view the data logically and longitudinally, making it easy to get a more complete picture of the Reveal LINQ ICM patient in one report.

**CareLink Reports**
Consolidated reporting for Reveal LINQ ICM patients provides the data you need in three reports, which are automatically and manually generated:
- Event Report – Automatic
- Summary Report – Automatic

**Home Notification**
This feature may be used to notify patients when their AT/AF threshold has been crossed.
# CareAlert Notifications Summary

<table>
<thead>
<tr>
<th>Alerts</th>
<th>Red</th>
<th>Yellow</th>
<th>Website Only</th>
<th>No Alert</th>
<th>Alert Feature</th>
</tr>
</thead>
<tbody>
<tr>
<td>●</td>
<td>●</td>
<td>●</td>
<td>–</td>
<td>–</td>
<td>A color-coded website notification in the Alerts column on the Transmission list</td>
</tr>
<tr>
<td>–</td>
<td>–</td>
<td>–</td>
<td>●</td>
<td>–</td>
<td>A website notification in the Alerts column on the Transmission list</td>
</tr>
<tr>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>–</td>
<td>A description in the Event Summary column of the Transmission list</td>
</tr>
<tr>
<td>Notifications*</td>
<td>Optional</td>
<td>Optional</td>
<td>–</td>
<td>–</td>
<td>Voice Message*</td>
</tr>
<tr>
<td>Optional</td>
<td>Optional</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>Pager*</td>
</tr>
<tr>
<td>Optional</td>
<td>Optional</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>Text Message</td>
</tr>
<tr>
<td>Optional</td>
<td>Optional</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>Email Message</td>
</tr>
<tr>
<td>Reports</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>–</td>
<td>Auto-generated Event Reports</td>
</tr>
</tbody>
</table>

* May be country specific.
CareAlert Notifications Setup

1. Set Up CareAlert Notifications Groups

a. For Clinic
   - Manage My Clinic
     - CareAlert Notification Setup
       - Alert Groups tab
         - Click on Display Alert Group
   Conditions for Reveal LINQ Wireless Device Alert Conditions

b. For Individual Patients (optional)
   - Manage My Patients
     - Search/Find Patient. Click on Patient Name
       - Patient Details
         - CareAlert Notification
Alert Conditions For Reveal LINQ Wireless Devices

Note: Any alert condition group setting may be overridden for an individual patient. Customized settings are assigned within the Patient Profile.

Display descriptions of alert conditions

### Clinical Management Alerts

<table>
<thead>
<tr>
<th>Condition</th>
<th>Red Alert</th>
<th>Yellow Alert</th>
<th>Website-only Alert</th>
<th>No Alert</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symptom (Patient Activated) Episode</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Symptom (Patient Activated) → Detected Episode</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tachy Episode</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pause Episode</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brady Episode</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AF Episode</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AT Episode</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AT/AF Daily Burden &gt; Threshold</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Time: Not in Use</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Average Ventricular Rate during AT/AF</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Time: Not in Use, V Rate: Not in Use</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum Episode Count Met</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum Symptom (Patient Activated) Count Met</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low Battery Voltage Recommended Replacement Time *</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electrical Reset *</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Note: Alerts identified with an asterisk (*) cannot be programmed as "No Alert."
Change the alert groupings just for this patient by making selections below. This does not impact the patient's device settings, only how specific alerts for this patient are categorized on the Transmissions list.

- Display more
- Use Clinic's Alert Groups for this patient.
- Override Clinic's Alert Groups and customize for this patient.

<table>
<thead>
<tr>
<th>Clinical Management Alerts</th>
<th>Clinic Settings</th>
<th>Customized Patient Settings</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Red Alerts</td>
<td>Yellow Alerts</td>
</tr>
<tr>
<td>Symptom (Patient Activated) Episode</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Symptom (Patient Activated) + Detected Episode</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tachy Episode</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pause Episode</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brady Episode</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AF Episode</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AT Episode</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AT/AF Daily Burden &gt; Threshold</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Time: Not In Use</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Average Ventricular Rate during AT/AF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Time: Not In Use</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rate: Not In Use</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum Episode Count Met</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum Symptom (Patient Activated) Count Met</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low Battery Voltage Recommended Replacement Time</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electrical Reset</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Save
CareAlert Notifications Setup

2. Set Up CareAlert Notification Method(s)

a. For Red Alerts
   Manage My Clinic
   > CareAlert Notification Setup
   > Red Alert Clinic Notification tab

b. For Yellow Alerts
   Manage My Clinic
   > Yellow Alert Clinic Notification tab

NOTE: Red and Yellow settings are shared between Reveal LINQ ICMs and ICDs.
Set Notifications for Red Alerts and Yellow Alerts on separate tab. Options are the same for both.
CareAlert Notifications Setup

3. Set CareAlert Notification Hours

Manage My Clinic
> CareAlert Notification Setup
> Notification Hours tab

Test your notification method for the selection made (Phone, Text, Pager, or Email)

NOTE: Notification Hours are shared for Reveal LINQ ICMs and ICDs.
Daytime Hours

- **Monday**: From: 00:00, To: 00:00
- **Tuesday**: From: 00:00, To: 00:00
- **Wednesday**: From: 00:00, To: 00:00
- **Thursday**: From: 00:00, To: 00:00
- **Friday**: From: 00:00, To: 00:00
- **Saturday**: From: 00:00, To: 00:00
- **Sunday**: From: 00:00, To: 00:00

Note: Clinic office hours span 24 hours.

After Hours and Holiday Notification Message Delay

- **Red Alerts**
  - Delay sending my clinic notification methods for Red Alert transmissions.

- **Yellow Alerts**
  - Delay sending my clinic notification methods for Yellow Alert transmissions.

Holidays

- **Select**
  - **All Holiday Name**: Holiday Name
  - **Date**: 10-Sep-2013

Add Another Holiday
Key Features

Home Notification Feature

The Home Notification feature will be triggered if the AT/AF Burden Threshold is crossed and the following are enabled:

- Website Only Alert or
- Yellow Alert or
- Red Alert ... and
- “Enable Notification on Patient Monitor” box is checked with a 9-digit phone number

The clinic’s phone number will then appear on the MyCareLink Monitor screen, indicating the patient should call the clinic.

NOTE: The patient must do the following:

- Wake the monitor to see the information
- Press the Accept button or lift the reader in order to wake up the monitor

Click Image to Enlarge
Change the alert groupings just for this patient by making selections below. This does not impact the patient’s device settings, only how specific alerts for this patient are categorized on the Transmissions list.

- Display more
- Use Clinic’s Alert Groups for this patient.
- Override Clinic’s Alert Groups and customize for this patient.

<table>
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<tr>
<th>Clinical Management Alerts</th>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Red Alerts</td>
<td>Yellow Alerts</td>
</tr>
<tr>
<td>Symptom (Patient Activated) Episode</td>
<td>〇</td>
<td>〇</td>
</tr>
<tr>
<td>Symptom (Patient Activated) + Detected Episode</td>
<td>〇</td>
<td>〇</td>
</tr>
<tr>
<td>Tachy Episode</td>
<td>〇</td>
<td>〇</td>
</tr>
<tr>
<td>Pause Episode</td>
<td>〇</td>
<td>〇</td>
</tr>
<tr>
<td>Brady Episode</td>
<td>〇</td>
<td>〇</td>
</tr>
<tr>
<td>AF Episode</td>
<td>〇</td>
<td>〇</td>
</tr>
<tr>
<td>AT Episode</td>
<td>〇</td>
<td>〇</td>
</tr>
</tbody>
</table>

**AT/AF Daily Burden > Threshold**

**Time:** 8 hrs/day

Enable notification on patient home monitor,
Phone: 718-740-4961
Note: Displays on patient home monitor when triggered. Phone number must contain a minimum of 10 digits including the area code.

**Average Ventricular Rate during AT/AF**

- **Time:** 8 hrs/day
- **Rate:** 100 bpm

**Maximum Episode Count Met**

**Maximum Symptom (Patient Activated) Count Met**
Key Features

CareLink Patient Information Site
By configuring this patient website, your patients and caregivers will be able to stay informed of the following:

- Successfully received remote transmissions
- Missed remote transmissions
- Next scheduled remote transmission dates

NOTE: This applies to all device patients monitored via the CareLink Network

Mange My Clinic>Patient Information Site
Manage My Clinic

Overview

CareAlert Notification Setup
- Overview
- Alert Groups
- Red Alert Clinic Notification
- Yellow Alert Clinic Notification
- Notification Hours

Website Customization
- Patient Fields
- Columns
- Patient Monitor Connections
- Optional Transmission Views
- Homepage

Report Preferences
- ICDs
- Pacemakers
- ICMs

Clinic Transactions
- Transactions List

Clinic Administration
- Clinic Profile
- CareLink Users
  - Create a New CareLink User
- External Integration
  - Patient Information Site

Transmission Schedule
- Day View
- Week View
- Month View
The CareLink Network Patient Information Site is a communication center for patients with Medtronic implanted heart devices and their friends and family. It helps patients and their friends and family view the status of CareLink transmissions to their clinic in a safe and secure environment.

Patient Messaging

Select all message types that you want your clinic to allow patients, family, and friends to receive. Not selecting options below will prevent your patients from signing up for text and email notifications via the CareLink Patient Information Site.

<table>
<thead>
<tr>
<th>Transmission Message Type</th>
<th>Time of Delivery</th>
<th>Message Preview</th>
</tr>
</thead>
<tbody>
<tr>
<td>Next Scheduled (Manual transmissions)</td>
<td>2 days prior to scheduled transmission</td>
<td>Show</td>
</tr>
<tr>
<td>Next Scheduled, Disconnected Monitor (Wireless automatic transmissions only)</td>
<td>18 days prior to scheduled transmission</td>
<td>Show</td>
</tr>
<tr>
<td>Successful</td>
<td>When viewable in CareLink</td>
<td>Show</td>
</tr>
<tr>
<td>Missed</td>
<td>When labeled “Missed” in CareLink</td>
<td>Show</td>
</tr>
</tbody>
</table>

Clinic Information

Your clinic can display clinic information, news, and care guidelines on the Medtronic CareLink Patient Information Site.

Clinic Name: Bedrock Heart Institute

4000 Rockford Road
Viewing and Printing Reports

1. Setting Report Preferences

Manage My Clinic
   > Report
      > Preferences
         > ICMs

   a. Expand the Reveal LINQ ICM System Section and review options for customization
Report Preferences

For each device type, select the reports your clinic prefers to print for patient transmissions.

ICDs  Pacemakers  ICMs

Reveal LINQ Report Preferences

Clinic Preferred Reports
The report (Event or Full) associated with the transmission is the Clinic Preferred Report for Reveal LINQ. Select from the options below to configure your clinic’s preferred report contents.

All CareLink Reports
The following settings apply to all reports.

- Trends (Cardiac Compass, Histograms, Longest AF): 90 days
- Episode Plot: Interval (ms) or Rate (bpm)

Event Reports (Automatically generated based on CareAlert Notification settings)
An Event Report contains: Episode Details (automatic and Symptom (Patient Activated) plot and ECG), Episode Counters, Observations.

- Include Trends (Cardiac Compass, Histograms, Longest AF) for AF monitoring

Full Reports (Automatically generated from each patient-initiated manual transmission)
A Full Report contains: Episode Counters, Current ECG, Trends (Cardiac Compass, Histograms, Longest AF), Episode List, Episode Details (automatic and Symptom (Patient Activated) plot and ECG).

- Note: A Full Report contains a summarized view of Symptom (Patient Activated) episodes. A full-sized ECG view can be accessed from Episodes tab in Transmission Details.

Summary Reports (Automatically generated every 31 days)
A Summary Report contains: Episode Counters, Current ECG, Trends (Cardiac Compass, Histograms, Longest AF). This report can be viewed on the patient’s Overview tab in Patient Details.

- Note: A Summary Report is a 31 day overview and contains a summary of data collected since the last Summary Report. Patient-initiated manual transmissions will not affect the generation of Summary Reports.
Viewing and Printing Reports from Transmissions Tab

1. Print Report from Transmissions List

Transmissions
  > Active Transmissions
  > Search/Find Patient
  1. Under Patient Name,
     a. Locate Report Available
     b. Select check box next to patient name
  2. Click Open PDF Report icon
<table>
<thead>
<tr>
<th>Patient Name</th>
<th>Received</th>
<th>Alerts</th>
<th>Event Summary</th>
<th>Status</th>
<th>Battery</th>
<th>Device</th>
<th>Next Send</th>
</tr>
</thead>
<tbody>
<tr>
<td>Townsend, Caroline</td>
<td>13-Jan-2014</td>
<td></td>
<td>Symptom (Patient Activated) Episode(s), Tachy Episode(s), Pause Episode(s)</td>
<td>Viewed</td>
<td></td>
<td>Reveal LINQ™</td>
<td>Not Scheduled</td>
</tr>
<tr>
<td>Lauver, Joshua</td>
<td>1-Jan-2014</td>
<td></td>
<td>Symptom (Patient Activated) + Detected Episode(s), Brady Episode(s), Tachy</td>
<td>Viewed</td>
<td></td>
<td>Reveal LINQ™</td>
<td>Not Scheduled</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Episode(s), Brady Episode(s), Symptom (Patient Activated) Episode(s),</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Maximum Episode Count Met. AF Episode(s)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lauver, Thomas</td>
<td>13-Dec-2013</td>
<td></td>
<td>Symptom (Patient Activated) + Detected Episode(s), Brady Episode(s), Symptom</td>
<td>Viewed</td>
<td></td>
<td>Reveal LINQ™</td>
<td>Not Scheduled</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(Patient Activated) Episode(s), Maximum Episode Count Met. AF Episode(s)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barile, Kathy</td>
<td>29-Nov-2013</td>
<td></td>
<td>AT/AF Daily Burden &gt; Threshold, 22 days in AT/AF Since Last Session</td>
<td>New</td>
<td>3.07 V</td>
<td>Evera™ XT DR</td>
<td>Not Scheduled</td>
</tr>
<tr>
<td>Norwood, Roger</td>
<td>24-Nov-2013</td>
<td></td>
<td>Capture Management Warning</td>
<td>New</td>
<td>3.01 V</td>
<td>Viva™ XT CRT-D</td>
<td>Not Scheduled</td>
</tr>
<tr>
<td>Payne, Steven</td>
<td>22-Nov-2013</td>
<td></td>
<td>(2 Shocks), AT/AF Daily Burden &gt; Threshold, Possible Fluid Accumulation, V.</td>
<td>New</td>
<td>2.98 V</td>
<td>Viva™ XT CRT-D</td>
<td>Not Scheduled</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Pacing &lt; 90%, 4 VT/VF, 95 V Sensing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Viewing and Printing Reports from Manage My Patients Tab

2. Print Report from Patient Reports List

Manage My Patients
  > Search/Find Patient and click on Patient Name
  > Patient Details page
  > Overview tab

1. Under Patient Name, locate a link under Report Type
2. Click the report to view and/or print
Patient Details: Johnson, Rea

© Reveal LINQ™ Date of Implant: 8-Sep-2013

Overview

Reason For Monitoring | Date of Birth | Device Information | Patient Phone Numbers | Patient Reports (Last 90 Days) | Next Summary Report: 9-Oct-2013
---|---|---|---|---|---
AF Management | 1-Jan-1941 | Battery Status: OK | 952-555-5500 | 29-Sep-2013 15:44 Full Report | Symptom (Patient Activated) + Detected Episode(s), Symptom (Patient Activated) Episode(s), AT/AF Daily Burden > Threshold, AF Episode(s)
22-Sep-2013 00:06 Event Report | AT/AF Daily Burden > Threshold, AF Episode(s)
8-Sep-2013 | Full Report | No New Events

Next Scheduled Full Report: None
### Transmission Guide

<table>
<thead>
<tr>
<th>Transmission Type</th>
<th>Frequency</th>
<th>When</th>
<th>How</th>
<th>What</th>
<th>Report Generated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic Wireless Audit</td>
<td>Once daily*</td>
<td>Scheduled Time</td>
<td>Automatic while patient is sleeping</td>
<td>Sends information about the day's events</td>
<td>Event Report (if CareAlert Notification is programmed and occurred)</td>
</tr>
<tr>
<td>Manual Device Interrogation</td>
<td>As needed</td>
<td>Per clinician direction</td>
<td>Patient-initiated</td>
<td>Sends all info on device since last manual transmission</td>
<td>Full Report</td>
</tr>
</tbody>
</table>

\* MyCareLink Monitor must be plugged in and receive adequate cellular signal. Patient must be within 6.5 ft (2 m) of their MyCareLink Monitor.
Reveal LINQ Reports

Overview

<table>
<thead>
<tr>
<th>Event Report</th>
<th>Summary Report</th>
<th>Full Report</th>
</tr>
</thead>
</table>
| To view an episode as soon as it’s received by the CareLink® Network  
  • Automatic transmission (i.e., Daily Wireless Audit)  
  • No patient involvement  
  • Covers activity for one day  
  **Event information:**  
  • 30-second summary of 1 episode (based on wireless episode data priority programmed on the device)  
  • Episode counters  
  • Observations  
  • Optional: Trends, Histograms, and Longest AF | To routinely check your patient’s status  
  • Automatic transmission (every 31 days)  
  • No patient involvement  
  • Covers activity for 31 days  
  **Summary information:**  
  • Patient’s current ECG  
  • Episode counters  
  • Observations  
  • Cardiac Compass® Trends  
  • Histograms  
  • Sample of longest AF episode (if applicable) | To review all available data collected from a patient  
  • Manual transmission  
  • Patient-initiated  
  • Detailed (full) information  
  • Covers activity since last manual transmission |

**Where Can You Find Auto-Generated Reports?**

On the CareLink website  
  • Search/Find Patient name  
  • Patient Details page > Overview tab  
  • Transmissions List
Reveal LINQ Reports

Click Image to Enlarge
Auto-Generated Report

Event Report

Enhanced Notification

• 1-page notification of new events
• 30-second summary of 1 episode
• Counters and observations summary
Patient: Rea Johnson

Date of Birth: 21-Jun-1936
ID: 1234567890
Follow-up Physician: Dr. A
Battery: OK
Phone: (555) 555-5555
Reason for Monitoring: Syncope
Date of Implant: 06-May-2013

History
Syncope with PVCs, NSR on latest holter recording

Event Summary: Tachy episode (ID# 4)

- Detected: 20-Aug-2013
- Duration: 00:08:31
- Max V. Rate: 240 bpm
- Median V. Rate: 194 bpm

ECG Summary: Tachy (ID# 4)

Counts
- Since 09-Aug-2013
- Lifetime

- Symptom
  - 0
  - 3
- Tachy
  - 1
  - 1
- Pause
  - 0
  - 0
- Brady
  - 0
  - 0
- AT
  - 0
  - 0
- AF
  - 0
  - 0
- % of Time in AT/AF
  - 0.0%
  - 0.0%

Observations 09-Aug-2013 to 21-Aug-2013
- CareAlert: Tachy
Auto-Generated Report
Summary Report

31-Day Overview

• Page 1: Summary of last 31 days
Page 2: Configurable to 30-day, 90-day, or 14-month view

• Current ECG plus trends, counters, observation summary

• Cardiac Compass, Rate Histograms, Longest AF
Rea Johnson

Date of Birth: 21-Jun-1936
ID: 1234567890
Follow-up Physician: Dr. A
Battery: OK

Phone: (555) 555-5555
Reason for Monitoring: Syncope
Date of Implant: 06-May-2013

Current ECG: 22-Aug-2013

Observations Summary
- Symptom + Detected Episode, most recent: 22-Aug-2013

Counters

<table>
<thead>
<tr>
<th></th>
<th>Since 22-Jul-2013</th>
<th>Lifetime</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symptom</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>Tachy</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Pause</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Brady</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>AT</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>AF</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>% of Time in AT/AF</td>
<td>0.0%</td>
<td>0.0%</td>
</tr>
</tbody>
</table>

Comments
Rea Johnson

90 Day Cardiac Compass
22-May-2013 to 22-Aug-2013

P=Program
I=Interrogate
R=Remote
S=Symptom(s)

AT.AF (total hours/day)

V. rate during AT.AF (bpm)
- Max
- Average

Average V. rate (bpm)
- Day
- Night

Patient Activity (hours/day)

Heart Rate Variability (ms)

Ventricular Rate Histograms

Longest AF (last 90 days):

No data available
Generated by Manual/Patient Transmission

Full Report

All the Data

- Details since last Full Report
- Current ECG, Counters, Observations
- Cardiac Compass, Histograms, Longest AF
- Holter View for Symptom Episodes Cuts Report Length in Half
Rea Johnson

Episode Detail: Brady (ID# 5)

<table>
<thead>
<tr>
<th>ID#</th>
<th>Type</th>
<th>Date</th>
<th>Detected hh:mm</th>
<th>Duration hh:mm:ss</th>
<th>Max V. Rate</th>
<th>Median V. Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Brady</td>
<td>22-Aug-2013</td>
<td>17:55</td>
<td>00:00:11</td>
<td>Min = 39 bpm</td>
<td>61 bpm</td>
</tr>
</tbody>
</table>

Other Details

Activity Level: Inactive

Parameter Settings

- Arrhythmia Detection: Brady
- Duration: 4 beats
- Rate (Interval): 40 bpm (1500 ms)

Sensing

- Sensitivity: 35 μV
- Blanking: 130 ms

All patient and clinical data are fictitious and for demonstration purposes only.
FAQs

Q. What if the MyCareLink® monitor cannot communicate with the device one evening?
A. The MyCareLink monitor does not initiate communication to the device. Once the MyCareLink Monitor is paired to the Reveal LINQ ICM it only listens for broadcasts from the device. The monitor does not stop listening until its pairing with the device is removed or until its power is turned off.

Q. What if the patient missed their daily wireless audit?
A. The Reveal LINQ ICM will retry episode transmissions for 14 days, and will attempt to upload wireless audits on a daily basis.

The lack of a successful upload may be due to a monitor error, a device error or patient non-compliance. If a lack of successful upload occurs for 14 days or more, the patient’s name will appear on the Disconnected Monitors list.

Q. What happens if a patient is on vacation, has several episodes and doesn’t have their monitor? What happens when they return home?
A. When they return home and a successful transmission is received by the CareLink Network, if an event occurred since the last successful CareLink transmission that satisfies a Medtronic CareAlert Notification, an event report will be generated at that time. Depending on the duration of the vacation and the number of episodes occurring, the CareLink Network may or may not have ECG available for the event. In this case you can request a manual interrogation to retrieve the full set of device data.
FAQs

Q. Counters (lifetime vs. since last session): What if the events are cleared regularly?
A. Lifetime Counters and Cardiac Compass® remain intact and are not affected by a device clear. However, episode ECG, Interval Plot and Text details will not survive a device clear.

Q. How far back does patient data in the CareLink Network go?
A. All episode details (ECG, Plot, Text details) will be available with no limit in the patient’s longitudinal Episode Viewer. However, only the last 14 months of Cardiac Compass trends and Histograms will be available. And only the latest set of programmable parameters and Current ECG will be available.

Q. Does the AF Burden start recording and end at midnight? Is this cumulative within a day?
A. Yes. The AF Burden (i.e., total time in AT/AF) is collected on a per-day basis by the device. The AF Burden is accumulated in the device throughout the day and the daily burden is “finalized” at midnight. However, the CareLink Network allows you to set an AF Burden threshold and determine whether the AF Burden has been crossed since the last successful manual or wireless transmission, whichever is the latest.

Q. How does a patient dismiss the Home Notification feature?
A. While the alert is being displayed, the patient must press the Accept button beside the X to dismiss the screen. After 5 minutes ± 15 seconds, if the alert is not dismissed the monitor goes back to sleep. The alert will display again on next button press until successfully dismissed.
FAQs

Q. What happens to auto-generated reports after 90 days? Can you still view them somewhere?
A. No. Ninety days after generation, an auto-generated report (Full, Event, or Summary Report) is removed from the CareLink Network and cannot be recovered. So, you will need to export or print the reports within 90 days of the report’s generation.

Q. Can an episode occur without a CareAlert® Notification being satisfied? If so, what happens?
A. Yes. For example, a patient with persistent AF who is being monitored for AF Burden may generate several AF episodes, but you could have set AF episodes to No Alert and AF Burden > 3 hours per day as a Red Alert. If a daily wireless transmission from this patient contains a 10-minute AF episode, then that episode will be placed in the longitudinal Episode Viewer, QuickLook™ Counters will get updated, and the AF data will be placed in the Cardiac Compass Trends page. However, no Event Report will be generated. You will know of this episode either by looking at the next Summary Report or by browsing to the patient’s Transmission Details.

Q. Will I be able to see Reveal LINQ data on the CareLink® Mobile Application?
A. Yes, you can search for a specific patient’s name and view that patient’s latest transmission. You can also see CareAlert Notifications for Reveal LINQ ICM patients on the mobile app’s landing page. In addition, the data can be viewed in the “New” and “Viewed” Alerts tabs. Event and Full Reports from the last seven days are also viewable on this app.
The Medtronic MyCareLink Patient Monitor and the Medtronic CareLink Network are indicated for use in the transfer of patient data from Medtronic implantable cardiac devices. These products are not a substitute for appropriate medical attention in the event of an emergency. Data availability and alert notifications are subject to Internet connectivity and access, and service availability. The MyCareLink Patient Monitor must be on and in range of the device. Alert notifications are not intended to be used as the sole basis for making decisions about patient medical care.

**Brief Statement**

**Medtronic MyCareLink® Patient Monitor, Medtronic CareLink® Network, and CareLink® Mobile Application**

**Intended Use:** The Medtronic MyCareLink Patient Monitor and CareLink Network are 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. The CareLink Mobile Application is intended to provide current CareLink Network customers access to CareLink Network data via a mobile device for their convenience. The CareLink Mobile Application is not replacing the full workstation, but can be used to review patient data when a physician does not have access to a workstation. These products are not a substitute for appropriate medical attention in the event of an emergency and should only be used as directed by a physician. CareLink Network availability and mobile device accessibility may be unavailable at times due to maintenance or updates, or due to coverage being unavailable in your area. Mobile device access to the Internet is required and subject to coverage availability. Standard text message rates apply.

**Contraindications:** There are no known contraindications.

**Warnings and Precautions:** The MyCareLink Patient Monitor must only be used for interrogating compatible Medtronic implantable devices.

See the device manual for detailed information regarding the instructions for use, indications, contraindications, warnings, precautions, and potential complications/adverse events. For further information, please call Medtronic at 1 (800) 929-4043 and/or consult Medtronic’s website at www.medtronic.com.

**Caution:** Federal law (USA) restricts this device to sale by or on the order of a physician.
REVEAL LINQ™ LNQ11 Insertable Cardiac Monitor and Patient Assistant

Indications
REVEAL LINQ LNQ11 Insertable Cardiac Monitor
The LINQ Insertable Cardiac Monitor is an implantable patient-activated and automatically activated monitoring system that records subcutaneous ECG and is indicated in the following cases:
• patients with clinical syndromes or situations at increased risk of cardiac arrhythmias
• patients who experience transient symptoms such as dizziness, palpitation, syncope and chest pain, that may suggest a cardiac arrhythmia

Patient Assistant
The Patient Assistant is intended for unsupervised patient use away from a hospital or clinic. The Patient Assistant activates the data management feature in the Reveal Insertable Cardiac Monitor to initiate recording of cardiac event data in the implanted device memory.

Contraindications
There are no known contraindications for the implant of the Reveal LINQ Insertable Cardiac Monitor. However, the patient’s particular medical condition may dictate whether or not a subcutaneous, chronically implanted device can be tolerated.

Warnings/Precautions
Patients with the Reveal LINQ Insertable Cardiac Monitor should avoid sources of diathermy, high sources of radiation, electrosurgical cautery, external defibrillation, lithotripsy, therapeutic ultrasound and radiofrequency ablation to avoid electrical reset of the device, and/or inappropriate sensing as described in the medical procedure and EMI precautions manual. MRI scans should be performed only in a specified MR environment under specified conditions as described in the Reveal LINQ MRI Technical Manual.

Patient Assistant
Operation of the Patient Assistant near sources of electromagnetic interference, such as cellular phones, computer monitors, etc., may adversely affect the performance of this device.

Potential Complications
Potential complications include, but are not limited to, device rejection phenomena (including local tissue reaction), device migration, infection, and erosion through the skin.

See the device manuals for detailed information regarding the implant procedure, indications, contraindications, warnings, precautions, and potential complications/adverse events. For further information, please call Medtronic at 1 (800) 328-2518 and/or consult Medtronic’s website at www.medtronic.com.

Caution: Federal law (USA) restricts these devices to sale by or on the order of a physician.