Accuracy matters.

See what others miss.

LINQ II™
Insertable Cardiac Monitoring (ICM) System.
The world’s most accurate ICM.¹⁻¹³

Personalized for the patient’s lifestyle.
Customized for the clinician’s workflow.
Greater confidence

• Most accurate algorithms based on published clinical evidence\textsuperscript{1-13}
• Advanced AccuRhythm™ AI algorithms enabling optimal outcomes\textsuperscript{14-16}
• The lowest published rate of AF false positives\textsuperscript{14,15,17}
• Exclusive PVC detector and new pause detection algorithm
Seamless experience

• World’s first ICM with remote programming†,18
• 4.5-year longevity‡,18
• Two monitoring options, including a Bluetooth®-enabled mobile app, to fit patient lifestyle and increase patient compliance19,20
• Smart memory management eliminates the need for manual transmissions18

†First European (TUV notified body) approved remote programmable device.
‡Nominal settings.
Greater confidence

Industry-leading accuracy, AI-powered insights

The AccuRhythm AI platform is an artificial intelligence system that applies deep learning algorithms to LINQ II ICM data flowing into the CareLink™ network.

The algorithms address the two most common sources of ICM false alerts – Atrial Fibrillation (AF) and Pause.14,15,17

Validation data demonstrated:

<table>
<thead>
<tr>
<th>AF algorithm</th>
<th>74.1%</th>
<th>99.3%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reduced false alerts</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Preserved true alerts</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pause algorithm</th>
<th>97.4%</th>
<th>100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reduced false alerts</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>Preserved true alerts</td>
<td>14</td>
<td></td>
</tr>
</tbody>
</table>

Experience the transformational benefits of new AccuRhythm AI algorithms, which further enhance the accuracy of LINQ II ICM data.14-26

Scan the QR code to watch videos and learn how AccuRhythm AI algorithms work.

Exclusive PVC detector may help identify high-risk patients.21,22

![ECG waveform with VS and R-R intervals]
AccuRhythm AI algorithms can save clinicians approximately 319 hours of false alert review yearly for every 200 LINQ II ICM patients.\textsuperscript{5,16}

\textbf{84\% reduction in LINQ II false alerts}\textsuperscript{16}

\textbf{319 hours reduction in clinic review time}\textsuperscript{5,16}

\textsuperscript{5}The validation study performance and time study results were projected onto 16,301 LINQ II patients to calculate the time saved per year in 200 LINQ II ICM patients.
Seamless monitoring experience

BlueSync™ technology within LINQ II ICM enables secure, wireless communication via Bluetooth Low Energy without compromising longevity.¹⁸

MyCareLink Heart™ Mobile App

Patients can use their smartphone to automatically transfer device data via the MyCareLink Heart mobile app, even outside the home.²,¹¹,¹⁺,¹⁸

Now you have the choice to provide the MyCareLink Heart mobile app to your patients on a Medtronic-provided smartphone if the patient doesn’t have their own compatible device.

Symptom marker
Recorded symptoms correlate with heart rhythm at the time of episode

Messages
Important messages about transmission status and using the app. Patients can also send a transmission if requested by a clinic.

Symptom history
A log of symptoms to share with a doctor at an office visit

My heart device
Displays implant date, ICM device name, model number, and serial number

Education
Provides information about living with the LINQ II device

MyCareLink Heart mobile app also delivers:

Patient compliance
Provides information that results in increased clinic efficiencies²,¹⁰,²³

Patient engagement
Promotes patient satisfaction¹⁹

Upgradability
Sets the foundation for future technologies
MyCareLink Relay™ Home Communicator
(alternative monitoring option)

- Bluetooth home communicator offers your patients an easy, reliable monitoring alternative.‡‡
  - Requires little to no user interaction
  - Requires no manual pairing
- For patients who are unable to or prefer not to use a smartphone.
- Physician may choose to include an optional patient assistant for patients to mark symptoms as they happen.

‡‡Requires little to no user interaction.
‡‡Where cellular or Wi-Fi connectivity is available.
Seamless programming experience

First ICM with remote programming§§,18

- Reduces patient office visits and scheduling hassles
- Enables remote programming capability for all device parameters post-insertion from the clinic

Remote access to full ECGs eliminates the need for manual transmissions18

Patient data transmitted to CareLink network via MyCareLink Relay or MyCareLink Heart

Clinician initiates reprogramming via CareLink network

§§First European (TUV notified body) approved remote programmable device.
Monitors act as a pass-through

Device settings are automatically updated without the need for an office visit
Exclusive service offerings

Get Connected Service
The Get Connected service guides patients through the process of:
- Monitor screening and ordering
- Setup
- First transmission

Stay Connected Service
Provides expert troubleshooting and support for patients experiencing issues with connectivity or monitor equipment.

Talk to your Medtronic representative to learn how to sign up for these free services.
Talk to your Medtronic representative to learn how to sign up for these free services.
References


Brief statements

Medtronic LINQ II™ insertable cardiac monitor system (ICM) and remote monitoring

Indications

The LINQ II ICM is an insertable automatically activated and patient-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

The device has not been tested specifically for pediatric use.

Contraindications

There are no known contraindications for the insertion of the LINQ II ICM or its accessories. However, the patient’s particular medical condition may dictate whether or not a subcutaneous, chronically inserted device can be tolerated.

Warnings and Precautions

Patients with the LINQ II ICM should avoid sources of diathermy, high sources of radiation, electrocautery, 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 Warnings, Precautions, and Guidance Manual. MRI scans should be performed only in a specified MR environment under specified conditions as described in the LINQ II MRI Technical Manual. Wireless accessories available for use with LINQ II may experience connectivity or performance issues. See product manuals for details and troubleshooting instructions.

Potential Adverse Events

Potential adverse events from the LINQ II ICM include, but are not limited to, device rejection phenomena (including local tissue reaction), device migration, infection, and erosion through the skin. There are no known adverse events associated with the use of any LINQ II ICM wireless accessory.

See the device manuals for detailed information regarding the implant procedure, indications / intended use, contraindications, warnings, precautions, and potential complications/adverse events. For further information, please call Medtronic at (800) 328-2518 (Technical Services), (800) 551-5544 (Patient Services), and/or consult Medtronic’s website at www.medtronic.com.

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

AccuRhythm™ AI ECG classification system

Intended Use

The intended use of the system is to reduce false positive cardiac arrhythmia episodes.

Contraindications

There are no known contraindications for AccuRhythm AI Models ZA400, ZA410, or ZA420.

Precaution

The AccuRhythm AI ECG classification system may incorrectly adjudicate a true positive episode as an AI false episode, causing that episode to be suppressed in the remote monitoring system. See the device manual for detailed information regarding the intended use, contraindications, warnings, precautions, and potential complications/adverse events. For further information, call Medtronic Technical Services at 800-328-2518 and/or consult the Medtronic website at medtronic.com.

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

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