

# Medtronic

## LINQ II™ Insetable Cardiac Monitor

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LINQ II™ is a small, wireless insertable cardiac monitor (ICM) for patients with abnormal heart rhythms who experience infrequent symptoms, including dizziness, palpitations, syncope (fainting) and/or chest pain, thereby requiring long-term monitoring or ongoing management.

In 2020, the U.S. Food and Drug Administration (FDA) cleared the LINQ II ICM with remote programming options and improved longevity (4.5 years\*<sup>1</sup>) compared to other ICMs. The device delivers enhanced accuracy to correctly detect abnormal heart rhythms, simplifying the diagnosis and monitoring of patients.

LINQ II gives physicians clinically relevant data to help diagnose underlying heart conditions and define treatment protocols for patients with atrial fibrillation (AF) or other abnormal heart rhythms. The LINQ II system offers patients a consistent way to experience ongoing connectivity between their device and physician, while potentially reducing the need for in-office visits – a benefit for both patients and physicians, especially during the current COVID-19 pandemic.



### **About Atrial Fibrillation (AF)**

AF is one of the most common cardiac arrhythmias, in which the upper chambers of the heart, or atria, quiver or beat very fast and irregularly so the heart cannot effectively pump blood to the rest of the body. AF is a chronic and progressive disease, yet sometimes episodes are infrequent; continuous, long-term monitoring can record irregular heart rhythm data to detect underlying conditions and can help guide AF treatment decisions over several years.

### **About Syncope (fainting)**

Fainting is a common problem and many patients admitted to the hospital leave without a diagnosis. People faint for many reasons, but it can ultimately be a sign of an underlying heart condition - something that can be discovered through long-term cardiac monitoring.

### **About Cryptogenic Stroke (stroke of unknown cause)**

A stroke happens when a blood vessel in the brain is suddenly blocked or bursts, resulting in damage to the brain tissue. The majority of strokes occur as a result of an obstruction, such as a blood clot. Atrial fibrillation is a major risk factor for stroke. An unexplained (or cryptogenic) stroke requires further testing, and long-term cardiac monitoring can unlock answers.

### **LINQ II System Features**

- **Accuracy:** The LINQ II device has the lowest published rates of false pause detections compared to previous ICMs.<sup>2-5</sup> Clinicians spend 33 percent less time reviewing ICM transmissions with this device,<sup>6</sup> resulting in potential efficiencies and reduced costs due to a more streamlined workflow.
- **Remote Patient Management:** The LINQ II is the world's first ICM to offer remote programming, saving time for clinicians and reducing the need for patients to come into the office to have their device settings adjusted in-person.<sup>1,6</sup>

- Patients with the LINQ II ICM can choose monitoring options to fit their lifestyles and increase remote monitoring compliance, potentially leading to improved patient outcomes.
- LINQ II ICM includes BlueSync™ technology that enables secure communication via Bluetooth, providing clinicians timely alerts of clinically relevant patient data. Patients can use their smartphone to automatically transfer device data via the MyCareLink Heart™ mobile app.
- **Increased Longevity:** The LINQ II device offers improved duration of continuous monitoring at 4.5 years\*<sup>1</sup>, providing physicians greater insights into patient data, to aid in their diagnoses and better manage chronic cardiac arrhythmias.

### How the LINQ II System Works

Worldwide, more than 1 million patients have received a Medtronic ICM. The LINQ II device is one-third the size of a AAA battery, placed just beneath the skin through a small incision (less than one cm) in the upper left side of the chest, using a minimally invasive procedure. The LINQ II ICM is the world's first to feature remote programming through the Medtronic CareLink™ Network, which is used to remotely manage and monitor a patient's implanted Medtronic cardiac device. Secure, two-way communication between CareLink and the LINQ II ICM can help reduce both patient office visits and clinical review of repetitive data.

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\* Nominal settings

<sup>1</sup>LINQ II™ Clinician Manual. M974764A001.

<sup>2</sup>BiotronikBioMonitor™ 2 Technical Manual. 2017.

<sup>3</sup>NölkerG, et al. J Cardiovasc Electrophysiol. 2016;27:1403-1410.

<sup>4</sup>Confirm Rx™ ICM DM3500 FDA Clearance Letter. 2017.

<sup>5</sup>PürerfellnerH, et al. Europace. 2018;20:f321-f328

<sup>6</sup>Alert Analysis for LINQ II with TruRhythm and LINQ II, Medtronic data on file, 2020.