# Medtronic Reveal LINQ™ Insertable Cardiac Monitor (ICM) System

## Technology Description

The Reveal LINQ Insertable Cardiac Monitor (ICM) System is a new miniaturized insertable heart monitor designed to help physicians quickly and accurately diagnose irregular heartbeats.

The Reveal LINQ ICM device is:

- **Small & Minimally Invasive**
  - The smallest cardiac monitor available (~1 cc), it’s one-third the size of a AAA battery
  - To insert, the Reveal LINQ ICM sits just under the skin and requires an incision of less than 1-cm, making it the most discreet cardiac monitoring option

- **Advanced Technology**
  - Wireless technology allows for quick notifications of cardiac activity to physicians on the Medtronic CareLink system
  - The Reveal LINQ system includes the new Medtronic MyCareLink™ Patient Monitor
  - Though small, the Reveal LINQ ICM has a 3-year battery life and data memory that is 20 percent greater than current monitoring devices

- **MR-Conditional**
  - In addition to continuous heart monitoring, patients with the Reveal LINQ ICM have access to MRI, the gold standard in diagnosis for many diseases

- **Continuously Collects Data**
  - The Reveal LINQ ICM continuously monitors the heart so that physicians have a reliable snapshot of each patient’s cardiac activity, allowing them to accurately diagnose and monitor each patient

- **Improved Efficiency**
  - The Reveal LINQ ICM gives clinicians diagnostic reports in easy-to-read, condensed formats

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<th>Images of Medtronic Reveal LINQ™ Insertable Cardiac Monitor (ICM) System</th>
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Medtronic Reveal LINQ ICM is the smallest cardiac monitor available.

Medtronic Reveal LINQ ICM (right) is 87% smaller than its predecessor, the Reveal XT ICM (left).

Insertion tools for the Medtronic Reveal LINQ ICM.

## About Cardiac Arrhythmias

Heart rhythm disorders occur when there is a malfunction in the heart’s electrical impulses that coordinate how it beats, causing the heart to beat too quickly, too slowly or irregularly. Some abnormal heart rhythms may not be serious or life threatening, and others – such as when a patient experiences recurrent fainting, palpitations, unexplained stroke or atrial fibrillation – can be more serious and potentially life threatening.

## Regulatory Status

The Medtronic Reveal LINQ Insertable Cardiac Monitor was cleared by the U.S. Food and Drug Administration in February 2014 and received CE Mark in October 2013.