The Medtronic Evera MRI™ SureScan® ICD is the first FDA-approved ICD for use with magnetic resonance imaging (MRI) scans positioned on any part of the body.

Until now, patients with ICD systems have been contraindicated by the FDA from receiving MRI scans because of potential interactions between the MRI and device function, which might result in risk to patients. These MRI restrictions have resulted in a critical unmet need as data have shown that, within four years, more than one-third of patients with ICDs – 36 percent – are likely to need an MRI.1

The Evera MRI ICD system – composed of the Evera MRI ICD and Sprint Quattro® Secure MRI SureScan® DF4 leads – includes hardware and software design enhancements from previous generation devices that allow it to safely undergo full-body MRIs, while maintaining the same longevity, proven shock reduction and physiological size and shape of the original Evera® ICD.

### Specific Device Features

- **PhysioCurve® Design:** A contoured shape with thin, smooth edges that better fits inside the body, increasing patient comfort by reducing skin pressure by 30 percent6
- **Greater Battery Longevity and MR-Conditionality:** Industry-leading projected battery longevity and proprietary battery technology, offering up to a 25 percent increase in battery longevity (up to 11 years) compared to previous devices3-10
- **Paired with Sprint Quattro Secure® MRI SureScan DF4 Leads:** The Sprint Quattro® Secure MRI SureScan DF4 leads are part of the Sprint Quattro Secure family of ICD leads, which has 10 years of proven performance with active monitoring,11 and is safe for use in an MRI environment12
- **SmartShock™ 2.0:** Exclusive, industry-leading shock reduction algorithm that enables the device to better differentiate between dangerous and harmless heart rhythms13
- **OptiVol® 2.0 Fluid Status Monitoring and Complete Diagnostics:** Designed to identify patients at risk of worsening heart failure and atrial fibrillation

### Evera MRI Clinical Trial

The Evera MRI Clinical Trial was the first randomized study of an ICD system that allows for full-body 1.5 Tesla (the field strength of the magnet) MRI scans. Results showed that full-body MRI scans do not affect the Evera MRI ICD’s ability to detect potentially lethal heart rhythms and deliver life-saving therapy.14

- **Safe:** 100 percent freedom from MRI-related complications (p<0.0001)
- **Effective:** The MRI scan did not have any impact on the Evera MRI device’s sensing, detection or therapy delivery in patients who experienced ventricular tachycardia/ventricular fibrillation (an abnormally fast or quivering heart rhythm) post-MRI. (34 cases of VT/VF in 24 patients, of which 20 were induced and 14 were spontaneous)14
  - No patients who underwent an MRI experienced a significant increase in the pacing capture threshold (PCT), the amount of energy needed to stimulate the heart.

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10 Evera XT DR/VR Manual.
12 Models 6935M (55cm, 62cm) and 6947M (55cm, 62cm)