Medtronic

Reveal LINQ™ Implantable Cardiac Monitor

Model LNQ11 product specifications

Technical specifications

Physical characteristics	
Parameter	**Value**
Volume	1.2 cm^3
Mass	2.5 g ± 0.5
Dimensions (H x W x D)	44.8 mm x 7.2 mm x 4.0 mm
Distance between electrodes	37.7 mm

Device identification	
Parameter	**Value**
Device identification code	Serial Number prefix "RLA." The device manufacturer and model can be identified by the Serial Number displayed when the implanted device is interrogated with a Medtronic programmer. Serial Number prefix "RLA" indicates that the interrogated device is a Medtronic Reveal LINQ Model LNQ11 ICM. To view the Serial Number, select the Patient icon on the programmer screen.

Device materials in contact with human tissue	
Parameter	**Value**
Can	Titanium
Electrodes	Titanium nitride
Header	Polyurethane, silicone
Coating	Parylene

Insertion tools materials in contact with human tissue	
Parameter	**Value**
Incision tool	Polycarbonate, stainless steel
Insertion tools	Polycarbonate

Battery specifications

Battery characteristics	
Parameter	**Value**
Manufacturer	Greatbatch Medical
Model/type	Reveal LINQ
Chemistry	Lithium carbon monofluoride

Projected longevity

3-year longevity†

Note: Under maximum shelf storage time (12 months), longevity is reduced by approximately three months.

- Average of one auto-detected episode per day
- Average of one patient-activated episode per month
- Less than or equal to six months self life (between device manufacturer and insertion)

†Nominal settings.

MR

The Reveal LINQ ICM is MR Conditional. It has been shown to pose no known hazards in a specified MR environment with specified conditions of use.

Reveal LINQ™ Insertable Cardiac Monitor

Indications
The Reveal LINQ Insertable Cardiac Monitor (ICM) 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.
The device has not been tested specifically for pediatric use.

Contraindications
There are no known contraindications for the implant of the Reveal LINQ ICM. 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 ICM 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.

Potential Complications
Potential complications of the Reveal LINQ device 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 this device to sale by or on the order of a physician.

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