LINQ

Medtronic Reveal LINQ Model LNQ11 Insertable Cardiac Monitor – The Reveal LINQ ICM is a small, leadless device that can be implanted under the skin. The device uses 2 electrodes on the body of the device to monitor subcutaneous electrical activity continuously. The device memory can store up to 27 min of ECG recordings from automatically detected arrhythmias and up to 30 min of ECG recordings from patient-activated episodes. The system provides 3 options for segmenting the patient-activated episode storage: up to four 7.5 min recordings, up to three 10 min recordings, or up to two 15 min recordings. Arrhythmia detection parameters are set to pending automatically, based on patient information entered on the programmer during pre-implant device setup: the patient's Date of Birth and the clinician's Reason for Monitoring the patient. Arrhythmia detection parameters can also be programmed manually by the clinician.

This device is commercially available and is indicated to monitor patients with clinical syndromes or situations at increased risk of cardiac arrhythmias and patients who experience transient symptoms that may suggest a cardiac arrhythmia. There are no contraindications at this time.

Parameter	Programmable values	Shipped value	Nominal/Reset value
Reason for Monitoring a	Syncope; Palpitations; Seizures; Ventricular Tachycardia; Suspected AF; AF Ablation; AF Management; Stroke; Other	—	Other
Device Date/Time…b	(Enter current date and time)	Current time (manufacturing time zone)	Not applicable / 1 Jan 1994
Wireless Transmission Time…c	00:00 ; 01:00; 02:00 … 11:00; 12:00; 13:00 … 23:00	00:00 (midnight)	00:00 (midnight)
Wireless Data Priority	Brady, Tachy, Pause; Brady, Pause, Tachy; Tachy, Brady, Pause; Tachy, Pause, Brady; Pause, Tachy, Brady; Pause, Brady, Tachy	Pause, Tachy, Brady	Pause, Tachy, Brady
Device Data Collection d	On	Off	On

a Reason for Monitoring is used to set arrhythmia detection parameters to pending automatically.
bThe times and dates stored in episode records and other data are determined by the Device Date/Time clock.
c Wireless Transmission Time programming is based on the Device Date/Time clock.
dTurning on Device Data Collection enables sensing and data collection (all episode types). After being turned on, Device Data Collection cannot be turned off.