INTUA 
Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
<td>Volume (cc)</td>
<td>15.0</td>
</tr>
<tr>
<td>Warranty (yrs)</td>
<td>6</td>
</tr>
<tr>
<td>Wireless</td>
<td>Yes</td>
</tr>
<tr>
<td>Remote Patient Management</td>
<td>LATITUDE® NXT</td>
</tr>
<tr>
<td>Power Supply</td>
<td>Lithium-manganese Dioxide</td>
</tr>
<tr>
<td>Automatic Threshold</td>
<td>RA &amp; RV</td>
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### Intended Use:
LATITUDE® NXT Patient Management System from Boston Scientific CRM

**Intended Use:** LATITUDE® NXT Management System is intended for use to remotely communicate with a compatible pulse generator from Boston Scientific CRM and transmit data to a central database. The LATITUDE® NXT system provides patient data that can be used as part of the clinical evaluation of the patient.

**Contraindications:** LATITUDE® NXT Patient Management system is contraindicated for use with any implanted device other than a compatible Boston Scientific implanted device. Not all Boston Scientific implanted devices support the LATITUDE® NXT system.

**Precautions:** A secondary notification feature, making it possible to alert the clinician if monitoring is not occurring. The LATITUDE® NXT server will automatically track monitored patients, and if the secondary notification feature is configured, if conditions that cause monitoring to stop occur, the LATITUDE® NXT server will inform the clinician.

**Adverse Events:** None known.

**Contraindications:**
- Patients with cardiac resynchronization therapy.
- Patients with implanted medical device.
- Patients with a lead that is not well placed.

**Precautions:**
- Advise patients to seek medical guidance before entering environments that could adversely affect the implanted device data and alert notification may be delayed or not occur at all under various conditions, which include: the LATITUDE® NXT server detects these conditions and informs the clinician.

**Specifications**

- **Volume (cc):** 15.0
- **Warranty (yrs):** 6
- **Wireless:** Yes
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- **Power Supply:** Lithium-manganese Dioxide
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### Adverse Events:
- None known.

### Contraindications:
- For patients who have moderate to severe heart failure (NYHA Class III/IV) including left ventricular dysfunction (EF ≤ 35%) and QRS duration 120 ms and remain symptomatic despite stable, optimal pharmacologic therapy for heart failure. Asynchronous pacing is contraindicated in the presence (or absence of) any heart rate condition of Wenckebach phenomenon.

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Monitor Respiration, Weight, Blood Pressure & Diagnostics

**INTUA™** features **HF PERSPECTIV™**, which provides diagnostics allowing clinicians to more confidently make informed treatment decisions in an effort to treat heart failure

**Respiratory Rate Trend** displays a graph of the patient’s daily minimum, maximum, and median respiratory rate values

**HF PERSPECTIV™** also includes: Activity Level, Heart Rate Trend, Atrial Arrhythmia Burden, Heart Rate Variability (HRV) Footprint and **SDANN**. These diagnostics can be followed remotely through **LATITUDE® NXT**

**LATITUDE Heart Failure Management** system with weight scale and blood pressure monitor is now included*

Following a patient’s respiratory rate or weight & blood pressure may qualify for monthly reimbursement under the ICM code

**Projected Longevity**

<table>
<thead>
<tr>
<th>Years</th>
<th>Boston Scientific INTUA™</th>
<th>Medtronic Consulta®</th>
<th>St. Jude Anthem® RF</th>
<th>Biotronik Evia HF-T</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.9</td>
<td>8.4</td>
<td>6.7</td>
<td>6.4</td>
<td></td>
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*INTUA™ uses the same LiMnO₂ battery chemistry used in our ICDs and CRT-Ds and features an industry-leading projected longevity of 8.9 years

**Connectivity**

**Remote Patient Management - LATITUDE® NXT**

**INTUA™** can be followed remotely using Boston Scientific's **LATITUDE® NXT** system

Device can be programmed and diagnostics checked while the physician is suturing

Wand not required for device checks

Sources

2. Medtronic Consulta CRT-P Clinician Manual (M928142A001, 10/10), DDD, 2.5V RA/RV amplitudes, 3.0V LV amplitude, 0.4ms pulse width, 500Ω 15% A paced, 100% BiV paced


4. Biotronik Evia HFM-T Technical Manual M102A-1012. Implantable pulse generator. Warranty MA-134.10/13 – 8.9ppm, 2.5V, 0.4ms pulse width, 500Ω 5-year warranty only setting (published in manual), 5-year warranty

Electronic Repositioning Vectors

- INTUA™ features Electronic Repositioning™, which is designed to avoid LV lead revisions
- INTUA™ has 6 pacing and 5 sensing vectors — more than competitive CRT-Ps

**Reposition Leads Electronically**

>95% of patients were free of phrenic nerve stimulation at implant with Boston Scientific’s bipolar CRT system

**Projected Longevity**

>95% of patients were free of phrenic nerve stimulation at implant with Boston Scientific’s bipolar CRT system

**Wireless during Implant & Follow-up:**

- INTUA™ and **LATITUDE® NXT** can provide daily alerts to clinicians including atrial arrhythmia burden and percentage of CRT pacing

- Device can be programmed and diagnostics checked while the physician is suturing

- Wand not required for device checks