INOGEN™ EL (Extended Longevity) ICD
Models D140, D141, D142, and D143

- Designed to be the world’s longest lasting ICD.
- Powered by ENDURALIFE™ Battery Technology which enables the longest projected longevities, backed by four independent studies\(^1\)\(^4\) and over six years of real-world data.\(^5\)
- The world’s thinnest ICD designed to enhance patient comfort.\(^6\)
- Includes the new EasyView™ header with color coded lead ports, designed to improve implant efficiency.

- Offers an uncompromised set of features including:
  - An advanced system solution for patient comorbidities and HF monitoring (HF Perspectiv™ Report, LATITUDE™ NXT Remote Patient Management enabled with weight scale and blood pressure sensors, and Respiratory Rate Trend).
  - AcuShock™ Advanced Technology, multiple programmable options to reduce inappropriate and unnecessary shocks, including a choice of rhythm discriminators, antitachycardia pacing (ATP) therapy in all rates zones, and advanced sensing and filtering.
  - AV Search+ and Rhythmiq™ give clinicians options to appropriately manage RV pacing in patients with varying degrees of conduction block.
  - Safety Core™ technology is intended to provide lifesaving shock therapy and basic pacing functionality in the event of an unrecoverable fault.

**Mechanical Specifications and Reimbursement Information**

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Size (cm) ((W \times H \times D))</th>
<th>Mass ((g))</th>
<th>Volume ((cc))</th>
<th>Connector Type ((RA RV LV))</th>
<th>C-Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>D140</td>
<td>VR</td>
<td>5.37 x 7.36 x 0.99</td>
<td>69.9</td>
<td>29.5</td>
<td>RV:DF4</td>
<td>C1722</td>
</tr>
<tr>
<td>D141</td>
<td>VR</td>
<td>5.37 x 7.79 x 0.99</td>
<td>70.7</td>
<td>31.5</td>
<td>RV:IS-1/DF–1</td>
<td>C1722</td>
</tr>
<tr>
<td>D142</td>
<td>DR</td>
<td>5.37 x 7.68 x 0.99</td>
<td>71.4</td>
<td>310</td>
<td>RA:IS-1;RV:DF4</td>
<td>C1721</td>
</tr>
<tr>
<td>D143</td>
<td>DR</td>
<td>5.37 x 7.79 x 0.99</td>
<td>71.0</td>
<td>31.5</td>
<td>RA:IS-1;RV:IS-1/DF–1</td>
<td>C1721</td>
</tr>
</tbody>
</table>

**Pulse Generator Projected Longevity (All Models \(^{a,b,c,d}\))**

<table>
<thead>
<tr>
<th>Pacing</th>
<th>500Ω</th>
<th>700Ω</th>
<th>900Ω</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>VR</td>
<td>DR</td>
<td>VR</td>
</tr>
<tr>
<td>0%</td>
<td>11.7</td>
<td>11.2</td>
<td>11.7</td>
</tr>
<tr>
<td>15%</td>
<td>11.5</td>
<td>10.8</td>
<td>11.5</td>
</tr>
<tr>
<td>50%</td>
<td>11.0</td>
<td>10.0</td>
<td>11.1</td>
</tr>
<tr>
<td>100%</td>
<td>10.3</td>
<td>9.0</td>
<td>10.6</td>
</tr>
</tbody>
</table>

\(^{a}\) Assumes Zip™ telemetry use for 1 hour at implant time and for 40 minutes annually for in-clinic follow-up checks.

\(^{b}\) Assumes standard use of the LATITUDE Communicator as follows: Daily/Device Check on, monthly Full Interrogations (scheduled remote follow ups, and quarterly patient-interrogations).

\(^{c}\) Assumes 60 min / LV, ventricular and atrial settings of 2.5 V pacing pulse Amplitude and 0.4 ms pacing pulse width; RA impedance 500Ω; sensors On.

\(^{d}\) Projected longevity is calculated assuming 3 maximum energy charging cycles per year, including automatic capacitor re-forms and therapeutic shocks. For the final year of device service, an additional 5 charging cycles are assumed to account for additional automatic capacitor re-forms as the device approaches the Explant indicator. These calculations also assume 3-channel EGM Onset is set to On, and that the pulse generator spends 6 months in Storage mode during shipping and storage.

**Additional Longevity Information**

- For longevity calculations based on different settings please contact Boston Scientific technical services or your local representative.
- Boston Scientific devices have corporate warranties at 10 years (VR) and 8 years (DR). See BostonScientific.com/warranty for complete warranty terms and conditions.
- Devices use Li/MnO2 chemistry.
- The Usable Battery Capacity is 1.9 Amp-hours for the EL ICD (typical implant to battery capacity depleted).
- Shelf life is 2 years (before use by).

Longevity projections as provided in the product labeling. Specific programmable parameter ranges available in product labeling. Product labeling available at BostonScientific.com/ifu.
Refer to the product labeling for specific indications, contraindications, warnings/precautions and adverse events. Rx only.

Patients may develop psychological intolerance to a pulse generator system and may experience fear of shocking, fear of device failure, or imagined shocking. In rare cases severe complications or device failures can occur.

Indications:

- All trademarks are the property of their respective owner.

ICD Systems from Boston Scientific

- DYNAGEN™ EL ICD, DYNAGEN™ MINI ICD, INOGEN™ EL ICD, INOGEN™ MINI ICD, ORIGEN™ EL ICD, ORIGEN™ MINI ICD

Indications and Use:

- Contraindications:
- Potential Adverse Effects:
- Precautions:

For specific information on precautions, refer to the following sources: Rhythm Management, Medical Professionals: 1.800.CARDIAC (227,3422) Patients and Families: 1.888.484.3268 © 2015 Boston Scientific Corporation or its affiliates. All rights reserved.