References

* Accurate = true daily burden > 10 minutes: AF burden accurate in 92% of patients. True daily burden < 10 minutes: absence of AF appropriately detected in 96% of patients.

** Reveal XT has been demonstrated to pose no known hazards in a specified MR environment with specified conditions of use. Please see Reveal XT clinician manual for more details.

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Always on Watch

Reveal XT™ Insertable Cardiac Monitor (ICM) captures the ECG you need to make informed decisions about your syncope patients and those who experience transient symptoms that may suggest a cardiac arrhythmia. Due to the complexity in diagnosing these patients, it’s important to use the monitoring option that can provide clear information. With continuous ECG monitoring for up to three years, Reveal XT overcomes the limitations commonly found with other testing options.

Compare Diagnostic Yields in Unexplained Syncope Patients

<table>
<thead>
<tr>
<th>TEST/PROCEDURE</th>
<th>YIELD*</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECG</td>
<td>2-11%</td>
</tr>
<tr>
<td>Holter Monitoring</td>
<td>2%</td>
</tr>
<tr>
<td>External Loop Recorder</td>
<td>20%</td>
</tr>
<tr>
<td>Reveal XT ICM</td>
<td>43-88%</td>
</tr>
<tr>
<td>Tilt Table Test**</td>
<td>11-67%</td>
</tr>
<tr>
<td>EP Study* without SHD**</td>
<td>11%</td>
</tr>
<tr>
<td>EP Study** with SHD**</td>
<td>49%</td>
</tr>
</tbody>
</table>

*Based on mean diagnosis time of 5.1 months
**Provocative test
***SHD structural or organic heart disease

Providing Comprehensive Arrhythmia Monitoring

Advanced Auto Detection Algorithms
- Classifications by Rhythm Type:
  - Atrial tachyarrhythmia/atrial fibrillation (AT/AF)
  - Ventricular tachyarrhythmia (VT)
  - Fast ventricular tachyarrhythmia (FVT)
  - Bradyarrhythmias
  - Asystole

- Includes Exclusive AF Detection Algorithm, Which May
  - Detect the presence of AT/AF, including asymptomatic episodes
  - Monitor AT/AF burden to assess if medical treatment is necessary
  - Monitor ventricular rhythm during atrial arrhythmia episodes to assess if rate control therapy is having the desired effect or needs to be adapted

Complete Diagnostics

Cardiac Compass® Trends:
14 months of rhythm data including accurate daily AF burden measurement, ventricular rate during AT/AF, heart rate variability, and average day and night rates

AT/AF Summary: Provides duration and episode start time details

Volume: 9 cc
Weight: 15 g
Dimensions: 62 x 19 x 8 mm

† For more information regarding reimbursement, please contact your local Medtronic representative. In the United States, contractors have established Medicare coverage of Reveal XT implants for patients diagnosed with unexplained fainting. Coverage to monitor patients with diagnoses other than unexplained syncope has not been addressed by Medicare contractors. Providers with questions should contact their contractor.
Revealing the Data You Need to Make Informed Decisions

**Episode Log**

<table>
<thead>
<tr>
<th>#</th>
<th>Type</th>
<th>Date</th>
<th>Time (hh:mm:ss)</th>
<th>Duration (hh:mm:ss)</th>
<th>Max V. Rate</th>
<th>Median V. Rate</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>AF</td>
<td>12-Feb-2009</td>
<td>18:24</td>
<td>30:00</td>
<td>118 bpm (510 ms)</td>
<td>109 bpm (550 ms)</td>
<td>ECG</td>
</tr>
<tr>
<td>4</td>
<td>AF</td>
<td>04-Feb-2009</td>
<td>20:16</td>
<td>02:28:00</td>
<td>115 bpm (520 ms)</td>
<td>109 bpm (550 ms)</td>
<td>ECG</td>
</tr>
<tr>
<td>3</td>
<td>SYMPTOM</td>
<td>22-Jan-2009</td>
<td>13:19</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>AF</td>
<td>09-Jan-2009</td>
<td>10:12</td>
<td>16:00</td>
<td>129 bpm (590 ms)</td>
<td>105 bpm (570 ms)</td>
<td>ECG</td>
</tr>
<tr>
<td>1</td>
<td>AF</td>
<td>03-Dec-2008</td>
<td>15:14</td>
<td>24:00</td>
<td>115 bpm (520 ms)</td>
<td>107 bpm (560 ms)</td>
<td>ECG</td>
</tr>
</tbody>
</table>

**Record button**
The Record button captures patient-activated (SYMPTOM) episodes. The Query button is programmed per physician identified criteria to enable status notifications.

**Query button**

**Duration and ventricular rate of automatically detected episodes**

**Patient-assisted (SYMPTOM) episode**

**Automatically detected episode**

**Arrhythmia classification**

**Patient Assistant**

**ECG Reveal**

**Markers**

**Interval (ms)**

**AF Detected**
Ease of Use

From Insertion
• Reveal Vector Check confirms insertion positioning
• Leadless device with slim shape simplifies insertion

To Follow-Up
• Straightforward user interface allows for quick follow-ups
• Episode log allows data sorting and viewing by rhythm type
• ECG storage includes prioritization to streamline arrhythmia identification

Convenient Care

Medtronic CareLink® Compatible
• Easy access to diagnostic data without an in-office clinic visit – optimizes scheduling and treatment
• Data may be transmitted immediately after patient-marked event or at scheduled intervals

MR Conditional
Reveal XT combines long-term monitoring with the ability to safely provide MRI testing.**

Establish the Symptom-Rhythm Correlation
ECG Data Storage (Total 49.5 minutes) – Captured via Patient Assistant or automatically

- **Patient Activation – 22.5 minutes**
  - 6.5 min prior
  - 1 min post
  - Up to 3 episodes
  - Patient activated

- **Automatic Activation – 27 minutes**
  - VT/FVT/Brady/Asystole
  - 30 sec
  - 27 sec
  - 2 min prior
  - AT/AF
  - Start of episode
  - End of episode
  - Automatic detection
  - Up to 27 episodes