LINQ THE RHYTHM TO THE SYMPTOM

Don’t miss your opportunity to find the answer for your unexplained syncope patient.

They live with anxiety, fear, and depression. Why Wait?

Reveal LINQ™ Insertable Cardiac Monitoring System

Medtronic
SYNCOPE IS COMMON
FINDING THE CAUSE MATTERS

SYNCOPE AVERAGES 800,000 ED VISITS PER YEAR

HALF OF PATIENTS ADMITTED TO THE HOSPITAL LEAVE WITHOUT A DIAGNOSIS

SYNCOPE WITH A CARDIAC CAUSE INCREASES MORTALITY RATES

The only difference between syncope and sudden death is that, with syncope, you wake up

2X increased risk of death

>10% mortality rate at six months

PATIENTS WANT ANSWERS
Patients endure ongoing diagnostic testing and still come away with no answers

3 specialists visited on average

13 inconclusive tests

1 in 4 undergo more than 20 tests

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Physician specialties consulted

<table>
<thead>
<tr>
<th>Specialty</th>
<th>Total Recruitment</th>
<th>Percent (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal contact</td>
<td>570 (100%)</td>
<td>93%</td>
</tr>
<tr>
<td>Last contact before enrollment</td>
<td></td>
<td>72%</td>
</tr>
<tr>
<td>Seen during history</td>
<td></td>
<td>43%</td>
</tr>
<tr>
<td>Cardiologist</td>
<td>556 (98%)</td>
<td>23%</td>
</tr>
<tr>
<td>Emergency Medicine</td>
<td>490 (86%)</td>
<td>18%</td>
</tr>
<tr>
<td>Internal Medicine</td>
<td>488 (86%)</td>
<td>11%</td>
</tr>
<tr>
<td>Neurologist</td>
<td>475 (84%)</td>
<td>36%</td>
</tr>
<tr>
<td>General Practitioner</td>
<td>457 (82%)</td>
<td>35%</td>
</tr>
</tbody>
</table>

Diagnostic tests performed

<table>
<thead>
<tr>
<th>Test</th>
<th>Total Recruitment</th>
<th>Percent (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard ECG</td>
<td>556 (98%)</td>
<td>72%</td>
</tr>
<tr>
<td>Echocardiography</td>
<td>490 (86%)</td>
<td>25%</td>
</tr>
<tr>
<td>Basic laboratory tests</td>
<td>488 (86%)</td>
<td>18%</td>
</tr>
<tr>
<td>Ambulatory ECG monitoring</td>
<td>382 (67%)</td>
<td>11%</td>
</tr>
<tr>
<td>In-house ECG monitoring</td>
<td>311 (55%)</td>
<td>4%</td>
</tr>
<tr>
<td>Exercise testing</td>
<td>297 (52%)</td>
<td>0%</td>
</tr>
<tr>
<td>Ortho static blood pressure measurements</td>
<td>275 (48%)</td>
<td>0%</td>
</tr>
<tr>
<td>MRI/CT scan</td>
<td>267 (47%)</td>
<td>0%</td>
</tr>
<tr>
<td>Neurological or psychiatric evaluation</td>
<td>270 (47%)</td>
<td>0%</td>
</tr>
<tr>
<td>EEG</td>
<td>222 (39%)</td>
<td>0%</td>
</tr>
<tr>
<td>Carotid sinus massage</td>
<td>205 (36%)</td>
<td>0%</td>
</tr>
<tr>
<td>Tilt test</td>
<td>201 (35%)</td>
<td>0%</td>
</tr>
<tr>
<td>Electrophysiology testing</td>
<td>144 (25%)</td>
<td>0%</td>
</tr>
<tr>
<td>Coronary angiography</td>
<td>133 (23%)</td>
<td>0%</td>
</tr>
<tr>
<td>External loop recording</td>
<td>67 (12%)</td>
<td>0%</td>
</tr>
<tr>
<td>ATP test</td>
<td>15 (3%)</td>
<td>0%</td>
</tr>
<tr>
<td>Other tests</td>
<td>52 (9%)</td>
<td>0%</td>
</tr>
</tbody>
</table>
GUIDELINES RECOMMEND REVEAL LINQ™ ICM FOR SYNCOPE PATIENTS

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ESC/HRS Guidelines for the Management of Syncope

GUIDELINE RECOMMENDATIONS
- ICM/ILR for low-risk patients with syncope < once per month
- ICM/ILR for high-risk patients if comprehensive evaluation yields no answers

CLASS I  LEVEL B

YET RESEARCH SHOWS GUIDELINES ARE NOT FOLLOWED

88% of patients who are guideline eligible for an ICM/ILR are over-tested with other modalities before being offered an ICM/ILR.

100% OF THESE PATIENTS RECEIVED A DIFFERENTIAL DIAGNOSIS

ICM SUCCESS IN DIAGNOSING UNEXPLAINED SYNCOPE

STUDY DESIGN
- Investigated the effectiveness of Reveal™ ICM in the diagnosis of unexplained recurrent syncope in everyday clinical practice
- Helped inform current guidelines

A Reveal ICM should be implanted earlier rather than later in the evaluation of unexplained syncope

PICTURE STUDY
570 Patients Enrolled

218 patients experienced a recurrence within one year
38%

170 patients had a Reveal ICM guided diagnosis
78%

128 patients were diagnosed with a cardiac cause
75%

42 patients were confirmed to have a non-cardiac cause
25%
DIAGNOSE YOUR SYNCOPE PATIENTS SOONER WITH THE REVEAL LINQ™ ICM SYSTEM

An Advanced Monitoring Solution

- Reveal LINQ ICM
- MyCareLink™ Patient Monitor
- CareLink™ Network and Reports

Patient Assistant
One-button symptom marking with the ability to store multiple patient-activated episodes.

Continuous cardiac monitoring to correlate symptoms to cardiac rhythms when they happen

Leaving Innovation

1998 - Reveal™ ICM World’s First ICM
2009 - Reveal™ XT ICM World’s First AF Algorithm
2014 - Reveal LINQ™ ICM World’s Smallest ICM
2016 - Reveal LINQ Mobile Manager and Monitoring Service
2017 - Innovative ICM Solutions

New Intelligence Inside

TruRhythm™ Detection inside the Reveal LINQ™ ICM

Exclusive smart detection algorithms that streamline data

INTELLIGENT
New Smart Filtering algorithm improves detection accuracy for Brady & Pause.

ACTIONABLE
Streamlined Episodes & Report Updates simplify data review.
THE GOLD STANDARD OF DIAGNOSIS remains the correlation of a spontaneous event with a specific ECG finding.\(^5\)

78% of patients had a Reveal\textsuperscript{TM} ICM-guided diagnosis.\(^5\)

DON’T MISS YOUR OPPORTUNITY TO LINQ THE RHYTHM TO THE SYMPTOM

ESC/HRS Syncope Guidelines recommend cardiac monitoring with Reveal LINQ\textsuperscript{TM} ICM for syncope patients.

References
\(^1\) Annual incidence of Syncope visits to ED in England corresponds to 0.0017% of the total population. Extrapolated to European population: 800,000 Hospital Episodes Statistics for England Excel File.

BRIEF STATEMENT
See the device manual for detailed information regarding the instructions for use, the implant procedure, indications, contraindications, warnings, precautions, and potential adverse events. For further information, contact your local Medtronic representative or consult the Medtronic website at medtronic.com.

www.medtronic.com/manuals

Consult instructions for use at this website. Manuals can be viewed using a current version of any major Internet browser. For best results, use Adobe Acrobat\textsuperscript{®} Reader with the browser.

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