SYNCOPE DIAGNOSIS NEEDED. CHALLENGE ACCEPTED.

ACC/AHA/HRS Guidelines Recommend ICM in the Evaluation of Unexplained Syncope

Cardiac Monitoring Is a Class I Recommendation
If the initial evaluation is unclear and a cardiac cause is suspected, cardiac monitoring is recommended.

2017 ACC/AHA/HRS Syncope Guidelines for the Evaluation and Management of Patients with Syncope


Insertable cardiac monitoring recommended based on frequency and nature of events.¹
**ACC/AHA/HRS RECOMMENDATIONS FOR CARDIAC MONITORING**

<table>
<thead>
<tr>
<th>COR</th>
<th>LOE</th>
<th>RECOMMENDATION</th>
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<tbody>
<tr>
<td>I</td>
<td>C-EO</td>
<td>The choice of a specific cardiac monitor should be determined on the basis of the frequency and nature of syncope events</td>
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<tr>
<td>IIa</td>
<td>B-R</td>
<td>To evaluate selected ambulatory patients with syncope of suspected arrhythmic etiology, an ICM can be useful (149,150,153,161-175).</td>
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<tr>
<td>IIa</td>
<td>B-NR</td>
<td>To evaluate selected ambulatory patients with syncope of suspected arrhythmic etiology, the following external cardiac monitoring approaches can be useful:</td>
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<td>1. Holter monitor (149-153)</td>
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<td>2. Transtelephonic monitor (150,154,155)</td>
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<td>3. External loop recorder (150,154-156)</td>
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<td>4. Patch recorder (157-159)</td>
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<td>5. Mobile cardiac outpatient telemetry (160,161)</td>
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</table>

**COR** — Class of Recommendation  
**LOE** — Level of Evidence

**Reference**

**Reveal LINQ™ LNQ11 Insertable Cardiac Monitor and Patient Assistant**

The Reveal LINQ™ insertable cardiac monitor is an implantable patient-activated and automatically-activated monitoring system that records subcutaneous ECG and is indicated in the following cases:
- Patients with clinical syndromes or situations at increased risk of cardiac arrhythmias
- Patients who experience transient symptoms such as dizziness, palpitation, syncope, and chest pain, that may suggest a cardiac arrhythmia. This device has not specifically been tested for pediatric use.

**Patient Assistant:** The Patient Assistant is intended for unsupervised patient use away from a hospital or clinic. The Patient Assistant activates the data management feature in the Reveal LINQ™ insertable cardiac monitor to initiate recording of cardiac event data in the implanted device memory.

**Contraindications:** There are no known contraindications for the implant of the Reveal LINQ insertable cardiac monitor. However, the patient’s particular medical condition may dictate whether or not a subcutaneous, chronically implanted device can be tolerated.

**Warnings/Precautions:**

**Reveal LINQ LNQ11 Insertable Cardiac Monitor:**
- Patients with the Reveal LINQ insertable cardiac monitor should avoid sources of diathermy, high sources of radiation, electrosurgical cautery, external defibrillation, lithotripsy, therapeutic ultrasound, and radiofrequency ablation to avoid electrical reset of the device, and/or inappropriate sensing as described in the Medical procedure and EMI precautions manual.
- MRI scans should be performed only in a specified MR environment under specified conditions as described in the Reveal LINQ MRI Technical Manual.

**Patient Assistant:**
- Operation of the Patient Assistant near sources of electromagnetic interference, such as cellular phones, computer monitors, etc., may adversely affect the performance of this device.
- Potential Complications: Potential complications include, but are not limited to, device rejection phenomena (including local tissue reaction), device migration, infection, and erosion through the skin.

**Caution:** Federal law (USA) restricts these devices to sale by or on the order of a physician.

See the device manual for detailed information regarding the implant procedure, indications, contraindications, warnings, precautions, and potential complications/adverse events. For further information, please call Medtronic at 1-800-528-2518 and/or consult the Medtronic website at medtronic.com.