SYNCOPE
DIAGNOSIS GUIDANCE

2018 ESC Guidelines for the Diagnosis and Management of Syncope

PROLONGED MONITORING RECOMMENDATIONS

T-LOC suspected syncope

Certain diagnosis/mechanism
Treat appropriately

Uncertain diagnosis/mechanism

Syncope

High risk, arrhythmia likely
In-hospital monitoring (CLASS I)
If negative ILR (CLASS I)

Low risk, arrhythmia likely and recurrent episodes
ILR (CLASS I)

Low risk, reflex likely and need for specific therapy
ILR (CLASS Ila)

Low risk and rare episodes
Not indicated

T-LOC non-syncopal

Unconfirmed epilepsy
ILR (CLASS IIb)

Unexplained falls
ILR (CLASS IIa)

ESC Syncope Guidelines now updated with stronger recommendation for insertable cardiac monitors (ILRs):

- ILRs upgraded to Class I/Level A recommendation — the strongest level of clinical evidence
- ILRs added as a Class II/Level B recommendation to diagnose unexplained falls and epilepsy
- Holter monitor and tilt testing revised from Class I to Class II recommendation
### RECOMMENDATIONS FOR CARDIAC MONITORING

<table>
<thead>
<tr>
<th>RECOMMENDATION</th>
<th>COR</th>
<th>LOE</th>
</tr>
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<tbody>
<tr>
<td>ILR is indicated in an early phase of evaluation in patients with recurrent syncope of uncertain origin, absence of high-risk criteria, and a high likelihood of recurrence within the battery life of the device (175,176,181–184,202).</td>
<td>I</td>
<td>A</td>
</tr>
<tr>
<td>ILR is indicated in patients with high-risk criteria in whom a comprehensive evaluation did not demonstrate a cause of syncope or lead to a specific treatment (174,180,187,188,195).</td>
<td>I</td>
<td>A</td>
</tr>
<tr>
<td>ILR should be considered in patients with suspected or certain reflex syncope presenting with frequent or severe syncopal episodes (184–186).</td>
<td>Ila</td>
<td>B</td>
</tr>
<tr>
<td>ILR may be considered in patients in whom epilepsy was suspected but the treatment has proven ineffective (137,189–191).</td>
<td>Iib</td>
<td>B</td>
</tr>
<tr>
<td>ILR may be considered in patients with unexplained falls (191–194).</td>
<td>Iib</td>
<td>B</td>
</tr>
</tbody>
</table>

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

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**Reference**

**Brief Statement**
See the MRI SureScan™ manual before performing an MRI Scan and 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 and/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 Reader® with the browser.

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