

Event Loop Recorder or Monitor (ELR)

What is an Event Loop Recorder (ELR) ?

An ELR is a patient activated monitor that is used to record the heart's electrical activity during symptoms such as palpitations or dizziness. The monitor is a recorder about the size of a pager.

What can I expect from this test ?

1. Two disposable adhesive electrodes (sticky patches) are applied to your chest and linked to the recording device by two small cables.
2. The monitor is removable for bathing, showering, and swimming. Electrodes are to be changed every day. The monitor and wires must not come into contact with any liquids or sharp objects, such as scissors.
3. The monitor is worn for two weeks. To activate the monitor you will be asked to press a recording button as soon as you feel your symptoms.
4. When the recording button is pressed, the monitor stores one to five minutes of electrocardiogram data into its memory. The monitor can be programmed to record one or several recordings.
5. You will be asked to keep a diary of your recordings, including date, time and activity of your symptoms. **PLEASE DO NOT FORGET TO RETURN YOUR DIARY WITH YOUR MONITOR.**
6. Return your monitor and diary in a clean bag at the specified time to York Clinical Cardiology, 9401 Jane Street, Unit 117.
7. Our technical staff review the information from the monitor once it is transmitted. Any urgent findings are brought to the attention of our cardiologists, non-urgent data is compiled and forwarded to a cardiologist for interpretation at the end of the two-week monitoring period.
8. A report is generated and your cardiologist or referring physician will go over the results.