

NWOCC

EVENT RECORDER

The event detection recorder is designed for diagnostic evaluation of symptoms like dizziness, palpitations and chest pain in patients of all ages. The event detection recorder (monitor) is useful in catching irregular heart rhythms in patients whose symptoms do not occur on a regular basis. Event monitoring permits cost-effective, long-term ambulatory recording of a patient's heart rhythm. It is a memory monitor and uses two standard patches or electrodes. The monitor is very small and resembles a beeper. It can be clipped to the patient's belt, placed in a shirt pocket, or worn on a cord around your neck. The event recorder can be removed so the patient can bathe or shower. The patient is instructed on how to place the electrodes or patches on the chest and how to change the batteries. The monitor can be worn for extended periods. The patient's physician will determine how long the monitor should be worn, usually between 2-4 weeks.

The event detection monitor records the heart's rhythm (EKG) whenever the patient presses the button (while experiencing the above symptoms). There is also a similar monitor that automatically records abnormal rhythms-called and auto-trigger event recorder. After the button is pressed (or abnormality sensed), the rhythm is recorded and stored for later transmission. Three events can be stored at one time. These episodes, or events that occur during the patient's daily activities can be transmitted by telephone (landline only) to a receiver unit. The patient transmits the stored events simply by placing the mouthpiece of the telephone over the RECORD button. The recorder automatically transmits the stored EKG data. This can take up to five minutes. The data may be sent as many times as necessary. The EKG tracings are then interpreted and analyzed by expert EKG technicians. The print out of the analysis is then sent to the cardiology office, or the ordering physician. The events are evaluated by an RN and with the physician when necessary, to determine action needed, whether it be medication adjustment, a need for follow up in office, etc. Finally the events are reviewed with the patient and further instruction is given.