

Heartrak Smart

The Heartrak Smart is an FDA cleared, pager sized pre symptom memory loop transtelephonic cardiac event recorder that continuously records a patient's EKG. It utilizes a looping memory, thus the description, "looping recorder". An EKG is continuously stored in memory, with the most recent EKG replacing the previously recorded EKG. The length of the EKG can vary from 60 seconds to twenty minutes.



When a symptom is realized, the patient presses the large "record" button on top of the Heartrak Smart, which records and saves the EKG before, during and after the symptom onset.

Indications and Clinical Scenarios:

- To detect, characterize and document symptomatic transient arrhythmias
- To overcome problems in regulating antiarrhythmic drug dosage
- To detect the presence of symptomatic transient arrhythmias instead of a Holter monitor or if a Holter monitor failed to document a suspected arrhythmia.
- To monitor for the purpose of regulating antiarrhythmic drug dosages
- To monitor patients who have had surgical or ablative procedures for arrhythmias
- In the evaluation of syncope and lightheadedness

Usage:

The Heartrak Smart is an integral aspect of our clinically proven "Cardiac Monitoring Triage Protocol"™. After a patient effortlessly records his/her EKG by pressing the large red button, the patient simply calls the friendly medical personnel at the "Heart Smart Telemedicine Monitoring and Receiving Center"™ and transmits the stored EKG over standard telephone lines for immediate analysis and report generation for the referring physician. Finally, by recording your own EKG, your physician is now able to correlate your EKG with your elusive, transient symptom for diagnosis.

Technical and Useful Information:

- Small size with patient-friendly design to ensure successful recordings and transmissions
- 20 minutes of ECG memory and programmable features to meet every patient's monitoring requirements
- Single "AA" battery operation with back-up power source to prevent accidental loss of stored ECG data
- Most user friendly loop monitor available
- Monitor can be customized and programmed per doctor's request