

AliveCor, Mobile ECG Device:

It is a medical device that snaps onto an iPhone 5/5s or Samsung S4 like a case and wirelessly communicates with the SBDA, *i.e.*, Alive ECG is running on the same smartphone unit.

Compatible devices with AliveCor:

The AliveECG app is free to download for iPhone and Samsung users, but requires an initial account set-up. Personalized and encrypted ECG data and information are stored via cloud computing on a secure server, which can be remotely accessed as desired.

How to use:

The Lead I ECG is generated by resting the electrodes on the fingers from each hand or on the chest. The app senses the skin contact with the sensors and initiates the ECG recording after establishing an acceptable connection.

Indications:

- It is used to record, display, store and evaluate ECG rhythms and heart rates.
- The users can record their personalized ECG with immediate interpretation.

Benefits:

- The enhanced filtering technology minimizes artefacts, yielding a high fidelity tracing comparable to the Lead I on standard ECG machines.
- It is an educational tool for a subject with heart conditions to obtain rapid and accurate screening and recording of ECGs.
- The breakdown of the ECG waveform provides enriched heart information that motivates the users to take care of their heart health.