KardioScreen

Quick, easy, on the go

SPECIFICATIONS

- ECG Bandwidth: 0.5 - 50Hz
- Standard Compliance: ANSI/AAMI, EC13:2001, Safety-IEC 60601; EMC-60601-1-2
- Operating Temperature: 0-500c
- Ingress Protection: IP54
- Lead Check: Detects different lead reversals and lead off error detection
- Battery Capacity: 8 hours continuous operations
- Data Encryption: AES128
- Cloud enabled data storage
- Comprehensive report

Palpitations and Syncope are very common cardiac symptoms.Recording of ECG during these episodes is very important. In this context, Kardio Screen holds a lot of promise in being able to record the ECG during the episodes and also help in storing the record in cloud , easy retrieval of records and analysis by experts.

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I would urge the use of KardioScreen at Point of Care in acutely symptomatic cases to detect a Cardiac event, thrombolyze the patient and refer them to a tertiary care facility where an interventional cardiologist having reviewed the patient records from cloud is ready for next action as the patient arrives. The workflow of getting the ECG records through cloud eliminates bad ECG waveforms, printing, scanning, etc. in the critical moments of a cardiac event

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CONNECTED CARDIAC CARE

Clinical Grade Cardiac Screening
Now FASTER, CONVENIENT AND ACCURATE

KardioScreen

Quick, easy, on the go

ECG in 30 seconds,
anywhere at your fingertips.

KardioScreen

Quick, easy, on the go

Timely diagnosis and periodic check up are key to better cardiac care. KardioScreen is set to revolutionise cardiac care in preventive, post-operative and routine diagnosis.

KardioScreen is a feature-rich Electro-Cardiogram (ECG) recorder that is easy and convenient to use.

Multi-lead ECG device enabling with easy to use, on the go recording of ECG with minimal infrastructure.

Helps doctor diagnose patient's cardiac condition at Point-of-care.

Ideal for cardiac Telemetry applications.

KardioScreen is a patent pending, handheld, scalable 1-6-12 lead ECG device. rugged and easy to use. Records ECG to produce clinical grade traces, parameters measurement with enhanced ease of use and no/minimal infrastructure.

Typical use case scenario include, but not limited to point-of-care, OPD screening, post operative patient care, home-care solutions under doctor's supervision, Telemedicine and medical camps.

Records ECG along with other symptomatic data and medical history in 30 seconds

Sensitivity/Specificity >99%

Tested on 2000+ patients and validated by qualified doctors

MI, Arrhythmia, LBBB, RBBB, Ventricular Hypertrophy, Afib, Flutter detected on live cases.

PATENT PENDING

Post Operative Care

Point of Care

Telemedicine Operator

Outreach Programs

DEVICE

- Finger electrodes for quick 6 Lead ECG extraction in **30 seconds**
- **Unique electrode** design enhances patient experience **without gel application**
- **Digital 12-lead ECG** facility for Second Level Analysis and interpretation
- Enhanced ease of use for At-home ECG monitoring with **upto 6-Lead** report
- **Pocket size** device enables portability
- **Digital ECG** image for remote transmission/monitoring

APPLICATION

- **Patient History** repository in **cloud**
- **Zoom feature** for detailed view of ECG report
- 2-ECG **History Comparison** on single screen
- Place-holders for vital health parameter for **integrated ECG report**
- **Customised ECG reports** for layout, logo and other admin features
- General purpose printer interface with **A4-sheet print** for ease of use at POC
- **Barcode integration** to Hospital Management System's EHR repository
- Customised notifications to Doctor/Hospital on ECG upload

MEASURED PARAMETERS

QRS, RR, QT, QTc and PR intervals, Heart-rate and Beat Classification

Data Storage & Analytics on Cloud

Seamless integration with Android Device

Patient history available for comparison/trend

Pacemaker Signal Identification & Reporting

Beat Classification

ECG Parameter Extraction

Detects Cardiac Ailments