



COALA® Heart Monitor

The first truly patient-engaged and real-time cardiac monitoring system for unlimited use

The Coala Heart Monitor is an award-winning and patient-engaged medical system for remote cardiac monitoring. The Coala connects wirelessly to a smartphone and captures ECG and heart sounds in just a minute.

Smart, cloud-based algorithms analyze instantly and detect for Atrial Fibrillation (based on P-wave detection and RR variability) and the ability to detect murmurs. Results presented to user and connected healthcare provider in seconds. No more off-line sticky ECG electrodes, itchy patches or wires. The Coala has no limits in time or place and provides instant results and reports.

State of the art smart algorithms

The Coala is a FDA 510(k) and CE Class IIa cleared system for home and professional use. The patent pending 2-lead ECG and synchronized heart sound recording with secure Bluetooth transmission maximizes quality, precision and accuracy - with less artifacts and minimized false positives. The analytic algorithms are based on long research research proving a Positive Predictive Value (PPV) of 0.872 and high sensitivity and specificity (95% and 98% respectively).

Multi-prize winning. All made in Sweden.

Coala Life AB is the company behind the Coala. The patented and multi-prize winning medical device system is designed, developed and manufactured in Sweden. Launched in 2017 with thousands of satisfied users.

For more information, see www.coalalife.com.



- Ideal for real-time diagnostics of AF, palpitations and post-procedure follow-ups in everyday life
- Proprietary 2-lead ECG and integrated stethoscope powered by smart algorithms
- Connected platform solution with cloud-based analysis and HIPAA compliant data access

ECG and algorithms

Patent pending 2-lead ECG event monitor with resolution of 1000 Hz, 24 bit. 3 reusable, integrated stainless electrodes. Automatic detection and annotation tool for AF and normal.

Digital stethoscope

Patented piezo-membrane with frequency span 20 – 500 Hz. Synchronous recording with phonocardiographic (PCG) viewer.

Medical class and data.

CE Class IIa, also approved for home use. FDA 510(k) cleared. Microsoft Azure based, encrypted datacenters within the borders of EU and US – depending on area of usage.

Compatibility

Bluetooth connection to most smartphones: iPhone 5 (iOS 8.x) and later models, and Android 4.4 (KitKat) and later models.

Battery

Rechargeable, capacity of at least 40 recordings.

Apple compatibility

The Coala Heart Monitor is compatible with new Apple Health Records, Apple HealthKit and Apple CareKit.

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