



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 automatically for Atrial Fibrillation and the ability for connected providers to detect murmurs. Results presented instantly to user in the App and to connected healthcare provider in the Coala Care platform. Patch-free ECG to avoid skin irritation caused by ECG electrodes and no need 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 and designed in Sweden.

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

For more information, see www.coalalife.com.



- Ideal to enable real-time diagnostics of AF, palpitations and post-procedure follow-ups in everyday life
- Proprietary dual 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.

Approvals and data management.

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

Compatibility

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

Battery

Rechargeable, capacity of at least 40 recordings.

Head office:
Kålsångsgränd 10B
Uppsala, Sweden

US office:
3333 Michelson Dr, Suite 300
Irvine, CA, USA

