

COALA HEART MONITOR PRO

MARKET LEADING PRECISION

WE BELIEVE IN A WORLD
WHERE MANKIND IS DIGITIZED,
CONNECTED AND DIAGNOSED
FOR EARLY DETECTION AND
DISEASE PREVENTION.

MARKET LEADING PRECISION

The Coala Heart Monitor is an award-winning and patient-engaged medical device 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 Atrial Fibrillation based on P-wave detection and RR variability and 8 other common arrhythmias such as SVES, VES and Tachycardia. Results are presented to connected healthcare provider and patient in seconds. It also analyzes the correlation of heart sounds and ECG to aid the remote detection of murmurs. No more off-line, sticky ECG electrodes, itchy patches or wires. The Coala provides instant results and reports.

CHEST- AND THUMB- ECG FOR MAXIMIZED ACCURACY

The 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 dual lead recording has been shown to be 3x more accurate than thumb-only devices.

INSTANT ANALYSIS WITH P-WAVE DETECTION

The state-of-the-art algorithms analyze the recordings instantly based on P-wave detection and RR variability, unlike conventional AF screening solutions that typically only detect for RR variability.

AWARD-WINNING MEDICAL SOLUTIONS

The Coala is a unique medical innovation based on more than 10 years of R&D, with more than 20 patents and over 15 industry awards.

The Coala consists of a unique high-performance piezo sensor that records and digitizes the low frequency sounds of the heart and three integrated electrodes that captures ECG. The Coala is powered by state-of-the-art 1,000 Hz and 24-bit ECG digital architecture and data is analyzed by a high-performance cloud-based platform.

"No more off-line, sticky ECG electrodes, itchy patches or wires. The Coala provides instant results and reports."



A UNIQUE DIGITAL SOLUTION ADDRESSING THE NEEDS OF MODERN CARDIOLOGY

THREE REASONS FOR THE HEART

Reducing false positives

Proprietary dual-lead ECG with P-wave based detection of 9 different arrhythmias proven 300% reduction in false positives vs. single-lead ECG.

Improving diagnostic yield

Patch and skin rash-free, sustainable solution, including an integrated stethoscope and PCG. Cost-effective, patient-centered solution with no limits in time and use.

Improving quality of life

Real-time ECG response with Coala has proven to significantly reduce symptoms and increase quality of life.



MULTI- PRIZE WINNING. DESIGNED AND DEVELOPED IN SWEDEN

Coala Life AB is the company behind the Coala Heart Monitor Pro. The patented and multi-prize-winning medical device system is designed and developed in Sweden. For more information, please see www.coalalife.com
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COALA HEART MONITOR PRO

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ENABLING REAL-TIME, REMOTE
PATIENT MONITORING



REAL-TIME CARDIAC MONITORING IN EVERYDAY LIFE

DESIGNED TO ENGAGE THE PATIENT



DEVELOPED WITH THE PATIENT IN FOCUS

The Coala is the ideal solution when patient engagement is preferred. It is an award-winning, medical device designed to empower the patient with real-time analysis and response.

The only smartphone driven solution for patients with palpitations and intermittent symptoms of possible heart arrhythmias. The Coala is ideal for long-term remote monitoring or just as a short-term event monitor.

ALTERNATIVE TO HOLTER AND ECG-PATCHES

After recording an ECG, the results are displayed within seconds for the patient to view in the Coala App and for the healthcare provider in the web-based Coala Care portal. In the Coala Care portal you follow your patients, and it offers a clear patient overview - without data overload.

– Instant analysis of ECG with Coala during palpitations has shown to reduce symptoms of anxiety and depression and increasing health related quality of life.

Karin Schenck-Gustafsson, Senior Professor of Cardiology, Karolinska Institute, Sweden.

GIVING PATIENTS PEACE OF MIND

The Coala is designed to give healthcare providers an effective tool where patients are able to conduct an arrhythmia recording at home with little to no disruption of everyday life.

Proven to significantly increase quality of life and reduce symptoms of anxiety and depression. Designed to improve healthcare productivity and profitability.

HOW IT WORKS

1. MEASURE

The patient simply holds the Coala to the chest for 30 seconds for ECG and synchronous sound recording, followed by a 30 second thumb-ECG. Dual-lead, high-fidelity ECG provides diagnostic-quality cardiac monitoring.

2. ANALYZE

Both ECG tracings are instantly processed by smart algorithms and delivered to the cloud-based clinical portal for physician analysis. Analysis is also presented to patient within seconds in the Coala App.

3. DIAGNOSE

ECGs and recorded heart sounds are instantly accessed in the Coala Care portal. Easy to interpret recordings with automatic analysis, possibility to generate reports and communicate with patients remotely.

A WORLD UNIQUE INNOVATION FROM SWEDEN

FOR SMART, PATIENT-ENGAGED, REMOTE MONITORING

The Coala is a unique, intelligent system with over 20 patents and market leading performance. With the Coala, patients can follow their heart in real-time and when they feel palpitations. The patients are in control and it only takes 60 seconds to perform two separate ECG- measurements. No more off-line sticky ECG electrodes, itchy patches or wires. Coala uses advanced, validated algorithms that gives the patients and healthcare providers results within seconds.

Three integrated, high-performance 1000 Hz sensors for chest and thumb-ECG recordings, enable highly sensitive analysis of the heart's electrical functions. No separate electrodes needed. The Coala is designed with a third noise suppression electrode to maximize ECG performance.

The Coala connects wirelessly to your smartphone and the Coala App through Bluetooth. The Coala App communicates with the Coala Cloud that will analyze the measurements in real time.

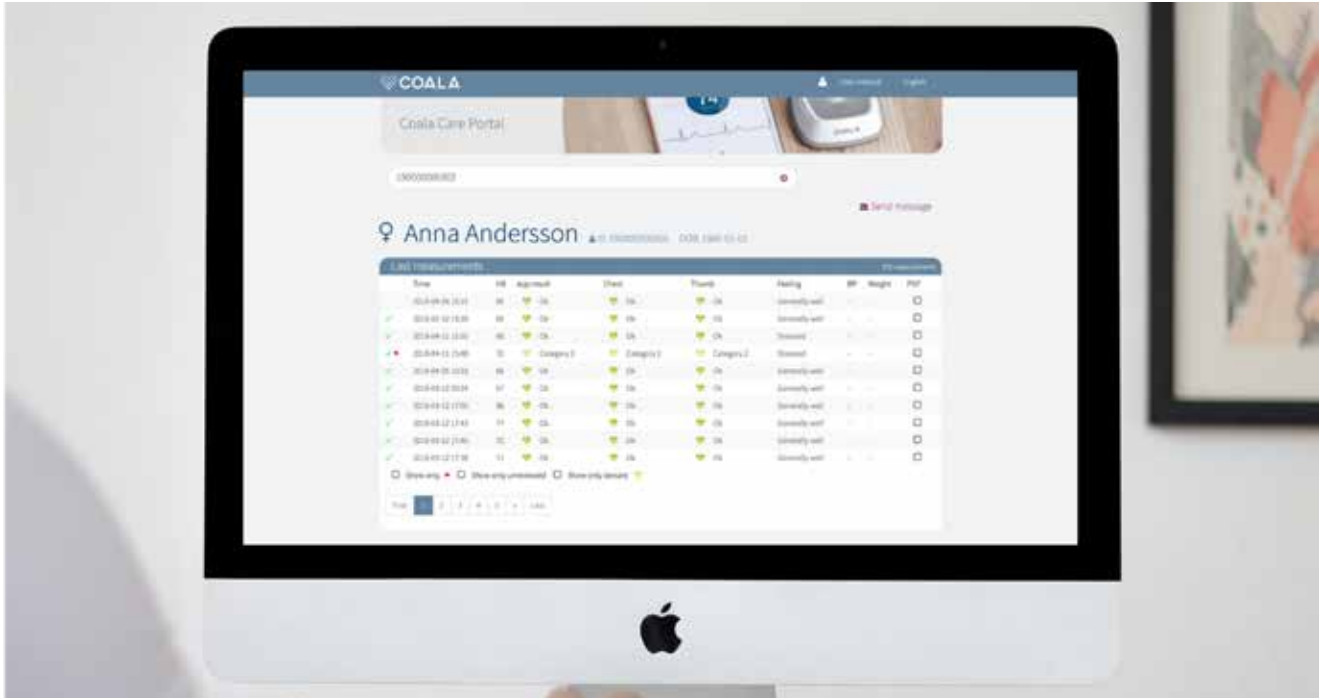


Integrated and patented digital stethoscope based on a unique high-performance piezo-membrane with frequency span 20 – 500 Hz, records heart sounds simultaneously with ECG, for display in a phonocardiographic viewer.

CE Class IIa Medical Device approved for both clinical and home use and FDA 510(k) Rx cleared in the US. Designed to be simple and quick to use, all in real-time.

THE COALA CARE PORTAL

CLOUD-BASED PLATFORM TO MANAGE PATIENTS REMOTELY



- We use the Coala as a connected event monitoring solution to help catch arrhythmias, screen for AF and better understand the cause of palpitations. It offers excellent patient engagement and easy to use for typically 30 days. Of extra value is that it's simple and fast to provide to the patient.

Hans-Jörgen Nilsson, Cardiologist at the University Hospital of Skåne, Sweden.

COALA MAKES DATA ACCESSIBLE

The Coala Care portal is a web-based platform which gives healthcare providers the possibility to manually interpret recordings from the Coala remotely. The portal provides an overview of every connected Coala patient's chest- and thumb-ECG results, recorded heart sounds, the patient profile and their specified general condition during the measurement. Easy to add new patients, interpret data and transfer PDFs to EMRs.

- Coala Care lets you follow your patients and offers a clear overview of abnormal values - without data overload.
- The interface makes it easy and efficient for the healthcare provider to navigate measurements and follow connected patients in real time.
- Possibility to manually interpret any of the patient's previous sound- and ECG- recordings.
- With the Coala system, designed to enable smarter assessment, you can save time, improve healthcare productivity and profitability.
- Automatic interpretational support with ability to download heart sounds and raw data for further analysis.
- The Coala Care portal can be easily accessed from any online computer. All data is stored externally in secure and encrypted servers in Europe and the US.
- Ability to send one way communication and notifications directly to patients.
- Easy to create reports and download ECG recordings in PDF format, that can be shared, printed, archived or digitally integrated in e.g. the patients journal.