

## PRESS RELEASE

### A heart check with your smartphone: CardioSecur Active makes ECGs for private users a reality

CardioSecur Active is a unique system that provides a user having heart problems with personalized feedback to know if he should seek medical attention or not within one minute. The ultra-light and easy to handle ECG not only recognizes the rhythm and rate of the heart, but also life-threatening circulation disturbances, thereby making it as precise as an ECG system in the clinic.

Frankfurt, January 4<sup>th</sup>, 2018. When it comes to a heart attack, every minute counts. The longer oxygen delivery to the heart muscle is impeded, the more tissue will be irreparably damaged. With CardioSecur Active, a heart check can be performed quickly and easily. All the user needs are: the CardioSecur Active app, a smartphone, and the 50-gram light ECG cable. The user initially records a reference reading at a point in time when he is free of symptoms, which then serves as the basis for the comparison to future readings. The app is now personalised. All subsequent heart checks can thereby be performed immediately the moment symptoms occur. One of three easy to understand recommendations to act results from the comparison between the reference reading and the current reading: no acute changes, plan a doctor's visit, or see a doctor instantly. The evaluation is performed immediately within the smartphone or tablet, which helps the user make the right decision, often under critical circumstances. The high-quality ECG data can be shared with your personal physician directly from the app in an encrypted format. It therefore makes it possible for the physician to receive profound data from the moment of the event, which makes establishing a precise diagnosis and quick initiation of therapy easier.

Most competitors offer a 1-lead ECG (one visual axis of the heart) and require a fee-based call centre for analysis of the ECG data. CardioSecur Active is an approved class IIa medical product, and is the only ECG in the world that can record 15 leads with only 4 electrodes,

can be applied by the user without the help of a physician, and provides an immediate recommendation to act.

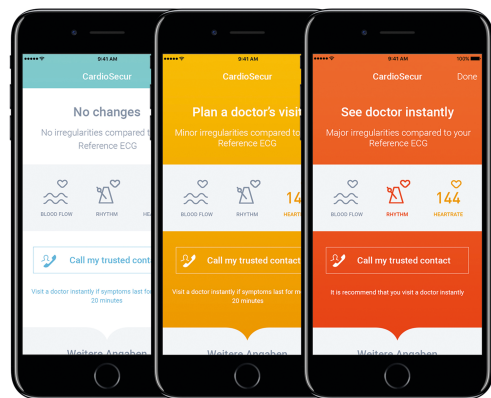
The CardioSecur Active app is available for free in the App Store for Apple iOS and in the Play Store for selected Android devices. The cost of the CardioSecur cable, secure data transfer, and maintenance of ECG readings in compliance with the Federal Data Protection Act is €99 once plus €9.95 monthly, cancellable on a monthly basis. Regular delivery of disposable electrodes for six ECG readings per month are included in the price.

More information about the product is available at [www.cardiosecur.com](http://www.cardiosecur.com)

Personal MedSystems GmbH develops and sells ECG systems and services for private users and healthcare professionals under the name CardioSecur. **CardioSecur Active** is an innovative, 15-lead, clinical-grade ECG for personal use. In a few seconds, it generates personalized feedback regarding changes in the heart's health and provides a simple recommendation to act regarding whether to see a doctor or not. The entire system consists of a 50g light cable with four electrodes, the complimentary CardioSecur Active App and the user's smartphone or tablet. **CardioSecur Pro** is the mobile, clinical ECG solution for physicians and medical professionals. CardioSecur Pro operates based upon guidelines from the European Society of Cardiology by providing 22 leads, making a 360° view of the heart possible. It is the only system that thereby recognizes infarctions of the anterior, lateral and posterior walls of the heart.



CardioSecur Active for iPhone  
Photo rights: CardioSecur



3 levels of the recommendation to act  
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