



DISCOVER THE BENEFITS OF AN ANALYSE SERVICE FOR LONG TERM ECG MEASUREMENTS WITH MOBILE EQUIPMENT ON LOAN.

Now you can purchase an analysis for a three-day continuous ECG measurement with mobile equipment on loan from Kiwok. Visit Kiwoks website or get in touch with us to receive further details.

Mobile Heart Monitoring with BodyKom ECG

In short, the BodyKom 2 channel ECG can send continuous ECG over the regular mobile M2M broadband, via a smart phone. What makes BodyKom different from other similar products? Most importantly you can registrar continues data for 72 hours, without charging the sensor and only charging the smart phone once. This is often long enough to find and register seldom occurring heart events, which can be difficult to detect with traditional technology. Even when you make decisions like e.g. changing to a healthier life style, BodyKom can be there and confirm your results. It's often hard to register signals from your body because you're occupied with other matters. The BodyKom ECG can help you get the health signals from your heart and register the overall wellness of your heart, during all the different events of your daily life. Mobile health solutions contribute to improve the healthcare in three ways: 1. Enhancing patient safety, 2. Reducing the time to diagnosis and 3. Increasing the availability of healthcare resources. Combined, this also means a more cost efficient healthcare. A mobile collection of diagnostic data means that the patient can be monitored remotely outside the hospital (e.g. at home or at work) until a rare heart related event occurs or as long the care provider considers it necessary. The BodyKom unit has a function to mark when an event experienced by the patient. A clear distinction to traditional methods is that the BodyKom ECG has the ability to collect data during unlimited periods of time and can transmit the data continuously to the care provider. Mobile diagnosis methods speed up the care processes and reduces queues for hospital treatment. Handling of the patient at a primary care unit while the analysis is performed remotely by the Kiwok analysis centre saves both time and money.

Benefits for care providers with BodyKom ECG Services

The need for investments in equipment and analytics decreases with Kiwoks Analysis Service. You can receive access to an analysis service without wasting time on investment processes. With a Kiwok BodyKom ECG on loan the healthcare provider can measure patients' heart rhythm during a long period of time, from days to weeks. A longer measurement period enables the chance to pick up heart rhythms disorders. BodyKom replaces traditional long-term ECG devices. The analysis can be delivered by Kiwok the same day.

BodyKom can be used

- for determining the risk of e.g. heart disease and stroke;
- combined with analysis application to earlier find and manage atrial fibrillation, a common rare-event that usually requires longer measurements than 24 hours;
- during treatment and after interventions and / or medication to monitor the patient they have left the clinic,
- for early identification of heart problems in e.g. athletes,
- in combination with the analytical method HRV, to follow the development of insulin production in diabetics,
- during rehabilitation, often in combination with an accelerometer or GPS to monitor the patient's physical activities and to monitor the effect of medication.

BodyKom enables the collecting of diagnostic data that can be analyzed successively. Therefore, BodyKom can be used to track rare spontaneous events or events that are expected to occur during extreme physical or psychological stress.



So far potential areas of use have been identified within health checks for the elderly in Swedish National Study on Aging and Care (the SNAC project), tries to identify patients with potential risk for stroke (at Blekinge Hospital) and control of elite athletes during training (at Blekinge Healthcare Arena). BodyKom has the function to mark an event, this is done by the patient through a pat on it the device. The caregiver can also set thresholds and get notified via text message or email within 10 minutes after an identified event has occurred. This provides a basis for earlier diagnosis and intervention efforts. BodyKom can be used as traditional long-term ECG but also acts as an "intelligent " Event Recorder.

Benefits for patients with BodyKom ECG

The equipment is small and non-obtrusive. The patient can wear the equipment on most occasions, even while sporting, without any visible signs of it. The patient can wear the equipment as long as it is needed to identify possible disorderly conditions. The patient does not need to visit a hospital to do the analysis.

Product Description BodyKom Analysis ECG Services

Kiwok has established an analyse centre in Karlskrona, Sweden, in cooperation with the Blekinge Institution of Technology (BTH) and the County Council in Blekinge, Sweden.

Kiwok BodyKom is developed in Sweden and is validated at Karolinska University Hospital and County Council in Blekinge. Kiwok BodyKom was CE-marked in 2013 for clinical use by healthcare providers in Europe.

Product Description BodyKom ECG

The BodyKom ECG device

Kiwok also offers the BodyKom ECG device. The BodyKom ECG device includes a small recorder fitted to the body together with five electrodes, a dedicated smart phone for transmission of data, the mobile network communication the use of BodyKom Web Server including decision management system. Kiwok also offers analysis software.

Certifications

The medical technology products, hardware as well as software, described in this document are all certified according to MDD 93/42/EEC. Kiwok Development AB is certified in accordance with ISO 13485.



Kiwok in short

Kiwok has since 2005 together with Karolinska University Hospital, HP, WIP and SR Medizinelektronik developed a service for the collection and communication of health data regarding the heart function. The service is multi award-winning, patented in the US Canada and South Korea. BodyKom was validated in 2006 and 2007 on Karolinska University Hospital and shown to be an equally reliable method as traditional long term ECG. Kiwok also offers ECG Analyses as a service. The service consists of analysis performed by qualified analysts. In 2009 Gartner named Kiwok one of the first commercial suppliers in the world of Mobile Health.

Contact information

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