

Zenikor-ECG

Product sheet





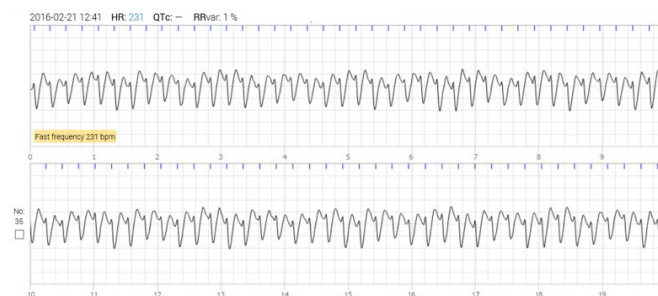
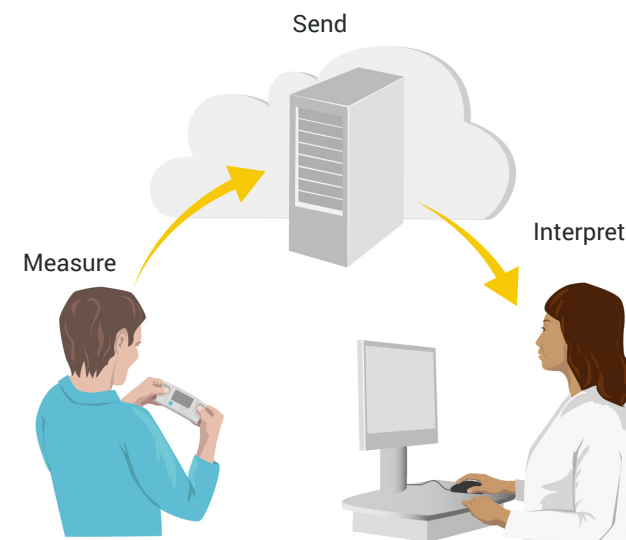
What is Zenicor-ECG?

Zenicor-ECG is a complete system solution for the patient to register ECG readings over long periods of time – several times a day and in the event of symptoms. The ECG readings are transferred to a central ECG database, where they are presented to the care provider via the internet.

The system consists of two components:

1. Handheld ECG device, known as a thumb ECG, with which patients themselves register their ECG by placing their thumbs on two electrodes for 30 seconds. At the press of a button the reading is transferred via the mobile network to a central ECG database.

2. Web-based service, the Doctor system, for storage and processing of submitted ECG recordings. With an integrated analysis system for assisting interpretation of ECG readings and a user interface for presentation of ECG readings to the care provider. The Doctors system is installed on a central server together with the ECG database and can be accessed from any internet connected unit without prior installation of software.



System that is
easy to use

Easy for the care provider:

- Web-based service without need for any software installation
- Interpretation support for easy and effective diagnosis of arrhythmias
- Timeline for a better overview
- Discontinue investigation as soon as a finding has been made
- High cost-efficiency, reduced time for ECG interpretation
- Unlimited ECG monitoring period possible
- Unlimited number of ECG readings in the Doctors system
- Convenient transfer of ECG readings to the Doctors system

Easy for the patient:

- Quick and easy to take ECG readings
- Easy to carry with you
- No stick-on electrodes, no skin irritation
- Easy to use for both children and elderly
- Effective diagnosis, gives an answer to the patient
- Possible to label symptomatic ECG readings
- Minimal number of visits to the care provider

Easy

Effective

Cost-saving



Areas of application

Spotting AF - Stopping stroke

With Zenicor-ECG four times more cases of atrial fibrillation can be identified compared to conventional methods. Two to four ECG readings daily for two weeks is sufficient.

- Secondary preventive screening among stroke patients
- Primary preventive screening in risk groups

More efficient arrhythmia investigations

Compared to traditional tape recorder ECG, Zenicor-ECG has proved to diagnose four times more cases of arrhythmias. Take ECG readings only in the event of symptoms or also regularly to identify silent arrhythmias.

- Arrhythmia investigation of adult patients with symptoms.
- Arrhythmia investigation of paediatric patients (0–18 years)

Validated and cost-effective

Scientifically validated for all areas of application in over 20 published scientific studies and theses, all unique to Zenicor-ECG. Used for more than five years with excellent references available.

Tested and CE-marked for arrhythmia investigation and atrial fibrillation screening, and proven effective from a health-economics perspective for atrial fibrillation screening and stroke prevention, both after stroke and in primary prevention.



Technical data

Zenicor-ECG patient equipment:

- Wireless transfer of ECG readings via GSM
- Internal storage space for 200 readings
- Size 150 x 65 x 30 mm
- Weight 135 g without batteries (3 x 1.5V AA)
- IP22 classification
- Measurement range 30 – 300 bpm
- Length of reading can be set from 10–30 seconds
- CE-marked for arrhythmia investigation and atrial fibrillation screening

Zenicor-ECG Doctor System:

- Encrypted web site for ECG processing and analysis interface
- Algorithms by Cardiolund
- Unlimited number of patients and ECG readings can be stored
- Supports use in Internet Explorer 8, Mozilla Firefox 32.0 and Google Chrome 37.0 or later versions
- Function for event-driven e-mail notifications
- CE-marked for arrhythmia investigation and atrial fibrillation screening

Zenikor

MEDICAL SYSTEMS

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*MM-070EN - OCT 2016 rev 01
The products Zenikor-ECG, Zenikor thumb-ECG and Zenikor-ECG Doctor system
are CE marked as Zenikor EKG-2 and Zenikor-EKG Back-end system*

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