

Zenikor
MEDICAL SYSTEMS

Zenikor-ECG

Product sheet





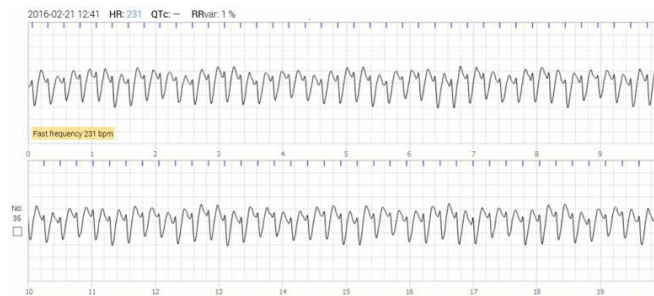
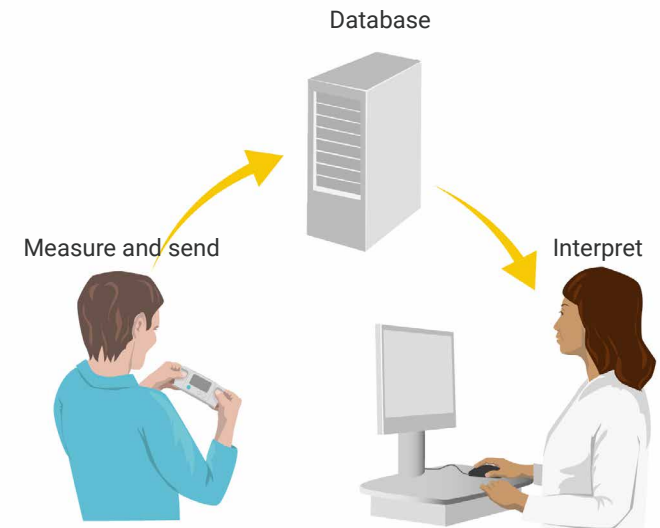
What is Zenicor-ECG?

Zenicor-ECG is a complete and easy system solution where the patient can register ECG recordings over a long period of time – several times a day and in the event of symptoms. The ECG recordings are transferred to a central ECG database, where they are presented to the care provider via a web interface.

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 recording is transferred via the mobile network to a central ECG database.

2. Web-based service, the Doctor system, for storing, processing and presentation of received ECG recordings; with analysis-, process- and interpretation support for faster and safer diagnosis to the care provider. The Zenicor-ECG Doctor 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 Doctor system
- Convenient transfer of ECG recordings to the Doctor system

Easy for the patient:

- Quick and easy to record the ECG
- Easy to carry with you
- Non-adhesive 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 30 published scientific studies and theses, all unique to Zenicor-ECG. Used for more than five years with excellent references available.

Validated for arrhythmia investigation and atrial fibrillation screening, and proven effective from a health-economics perspective for atrial fibrillation screening 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 ECG 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 ECG reading can be set from 10–30 seconds
- CE-marked

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 11 or later versions, Microsoft Edge, Mozilla Firefox and Google Chrome
- Function for event-driven e-mail notifications
- CE-marked

Zenicor-ECG Doctor System, optional functions:

- Local administrator
- Centralised interpretation
- One time ECG
- Multi factor authentication

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The products Zenicor-ECG, Zenicor thumb-ECG and Zenicor-ECG Doctor system
are CE marked as Zenicor EKG-2 and Zenicor-EKG Back-end system*

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