

Comarch CardioNow Lite

Remote monitoring of heart rate



This is a medical device. Use it according to the instructions for use or label.

ECG recorder

– Comarch CardioNow Lite

Comarch CardioNow Lite is a Holter ECG recorder designed for surface recording of myocardial electrical activity (ECG). It is a certified medical device that can be used in the home (Holter and Tele Holter) and hospital (Holter) settings, excluding intensive care units (ICUs).

The device enables cardiac diagnosis and prevention in patients with medical indications for screening, and those who require long-term ECG monitoring. Cardiac monitoring can continue without hospitalization.

Comarch CardioNow Lite can be used with adults and children with a body mass of more than 10 kg. For paediatric diagnostics, only Holter mode is allowed. Only qualified medical personnel are authorized to perform signal analysis.



Two modes of operation -
Holter and Remote Holter



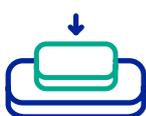
Detection of cardiac
arrhythmias*



Reduced response time in the
event of a health or life threat*



24/7 remote monitoring of
patient's condition*



Ability to use the function
button in certain cases



AI-assisted signal analysis



Quick access to patient
medical data

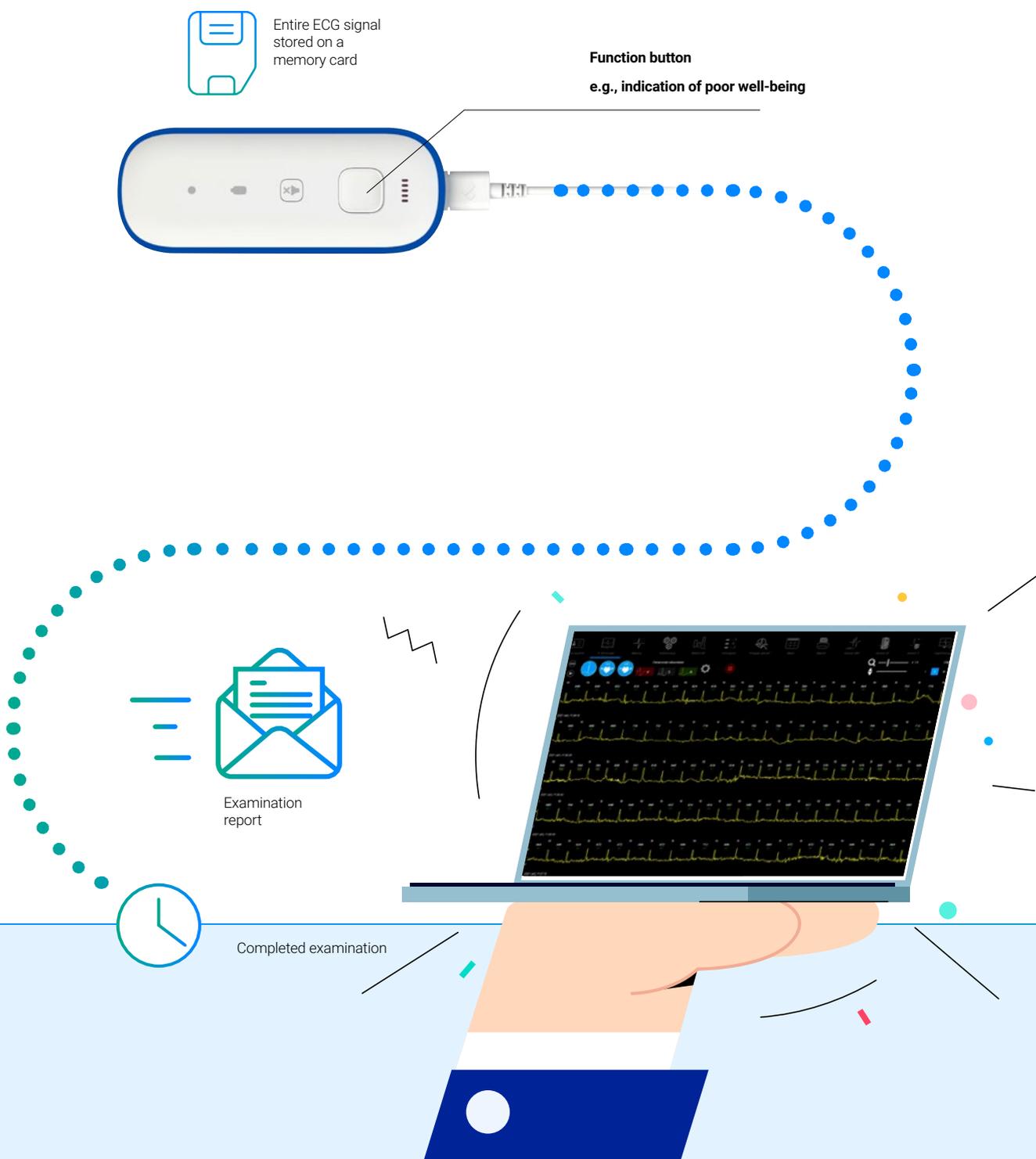


Increase the reputation and
improve the image of the
medical facility

* in TeleHolter mode with automatic medical personnel notification

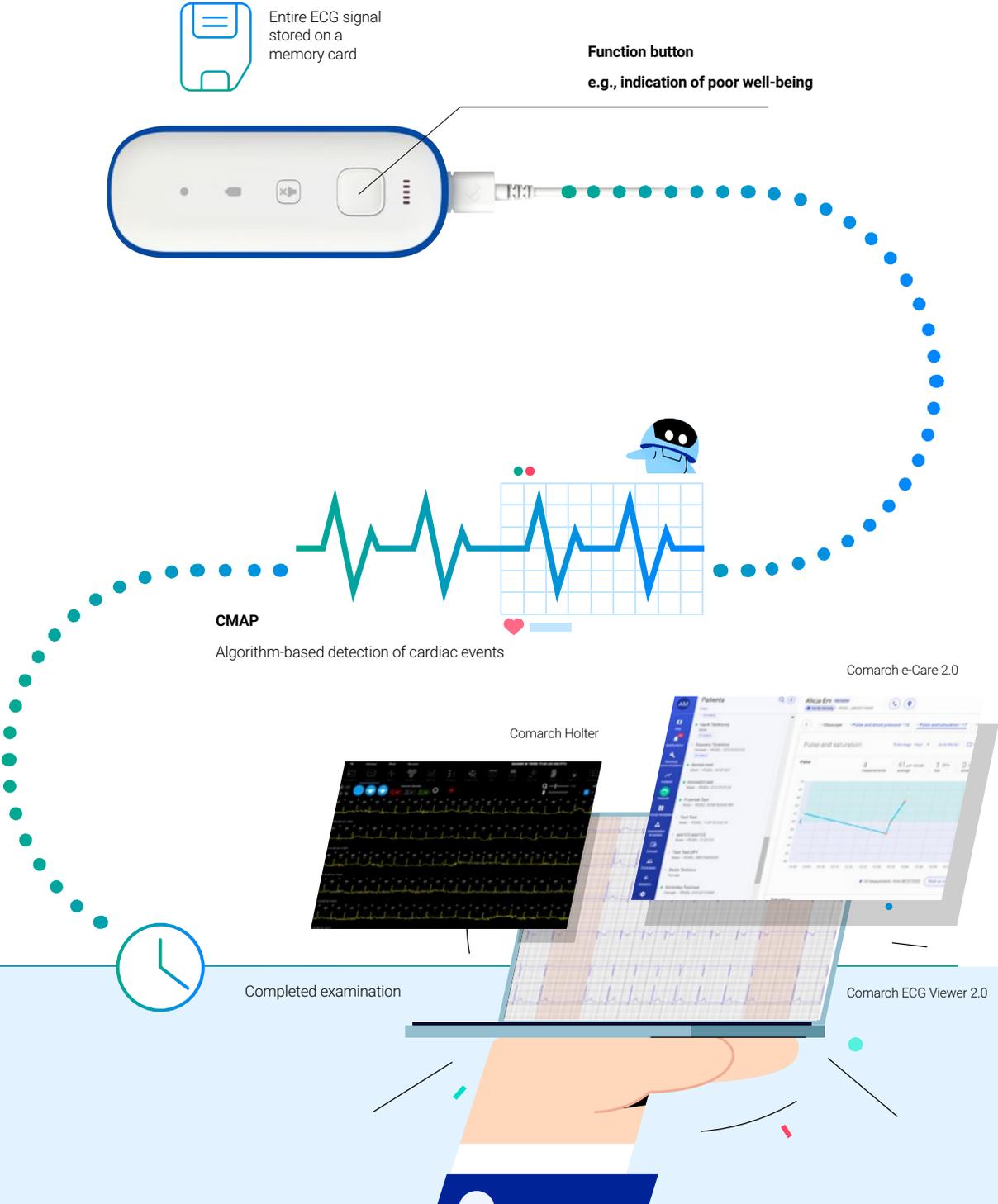
Holter Mode

Holter testing is performed offline and allows measurement data to be recorded on the device's card. Upon completion of the examination, the recorded ECG signal is subjected to automatic analysis performed by Comarch Holter software. During the examination, the patient has the option of using the function button in situations agreed upon in advance with the doctor, such as deteriorating well-being. This notification will be visible to medical personnel when analyzing the ECG signal.



TeleHolter Mode

Remote Holter testing allows cyclic transmission of several-minute packets of ECG signals and recording of the entire signal on the device's memory card. The ECG signal packets are sent to the Comarch e-Care 2.0 platform, and then to the CMAP platform, where artificial intelligence algorithms analyze the sent fragment. Using the Remote mode allows medical personnel to verify the results of the algorithmic analysis on the telehealth platform. The ability to analyze the full ECG signal and generate a report for the patient is provided by the Comarch Holter software.



Comarch e-Care 2.0 telehealth platform

The implementation of telecardiology services is possible thanks to the Comarch e-Care 2.0 platform, allowing continuous monitoring of patients' health status remotely. The platform allows receiving and processing medical data, including data sent by Comarch CardioNow Lite devices.



Platform functionalities:

- Management of ECG signals transmitted by Comarch CardioNow Lite recorder
- View list of historical measurements
- Possibility of creating examination and service templates
- Patient management
- Web access
- Reduced response time in the event of a health or life threat*
- Secure data storage with the highest level of security

ECG Viewer 2.0

ECG Viewer 2.0 software is used to view the ECG signal transmitted by the Comarch e-Care 2.0 platform. It streamlines the medical personnel's work by using tools that speed up the ECG signal analysis process.



Platform functionalities:

- Marking the abnormalities detected by the algorithms on the ECG
- Medical personnel can provide verification of selected disorders from a defined list
- Ability to mark the signal with the „to report” category
- Option to add a comment

Comarch Holter Software

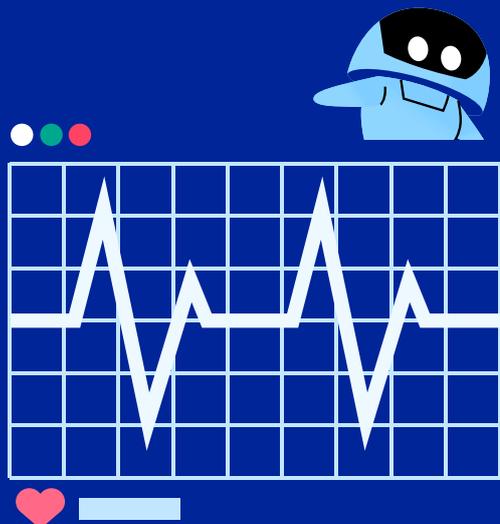
Comarch Holter is a web-based application with a desktop module designed for PCs. The application can be operated by medical personnel authorised to perform Holter analysis. It is used to support cardiac diagnostics by automatically analyze the ECG signal.



Platform functionalities:

- Loading and reviewing ECG signal recording
- Automatic analysis of the ECG signal
- Presentation of automatic analysis results
- Ability to generate a report with analysis results
- Digital signature

CMAP platform



Comarch Medical Analysis Platform (CMAP) is an algorithmic platform for analyzing ECG signals from cardiac recording devices. It detects and marks abnormalities and analyzes signal quality. It streamlines the medical personnel's work by significantly reducing the time required for ECG analysis

The Comarch e-Care 2.0 platform, Comarch Holter application, Comarch CardioNow Lite device and CMAP are medical devices compliant with the MDR (EU) 2017/745 regulation, manufactured by Comarch S.A.

Producer/Advertiser

Comarch S.A.

Comarch S.A. is an international company with over 25 years of global experience. We are an end-to-end IT healthcare provider, driven by our customer needs, always ready to deliver a tailored solution while staying true to our core values: being flexible and maintaining the happiness of the end-user. We offer a comprehensive ecosystem of products, consisting of EHR, telemedicine, hospital and medical AI clouds. Integration of these platforms ensures coordinated healthcare and supports patients, their families, and medical personnel.

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