ECG.ON PATCH SYSTEM

The state-of-the-art three-channel ECG.ON patch and the advanced KhawajaCode Holter software are combined in an innovative solution that seamlessly integrates.
The cloud-based platform of KhawajaCode utilizes sophisticated algorithms to effectively and efficiently interpret ECG data.

ECG.ON Patch Features

- Up-to 60 days memory capacity
- Defibrillation resistance
- Patient event marking
- Bluetooth & USB interfaces
- Up-to 12 days continuous recording
- Shower-resistant - IP54
- Activity sensor
- Skin-temperature sensor
- Up-to 1600 Hz sampling rate
- No cable needed
- Three-channel ECG
- Lightweight design - 23 grams
- ICDs & pacemakers compatible
- Market-standard electrodes
- Pediatric compatible
- High resolution - 16 bits

Advantages for physicians

- Quick configuration & easy application
- Excellent ECG signal quality
- No restrictions on the duration of ECG recordings
- Utilizing commonly available market-standard electrodes
- Initial investment is not necessary
- Ready for large-scale Holter monitoring

Advantages for patients

- Shower-Friendly
- No waiting list required due to high availability
- No negative impact on quality of life & daily routines
- Discreet and comfortable wearing
- No necessity to convene with a physician in person

KHAWAJA
MEDICAL TECHNOLOGY

info@khawaja-medtech.com
www.khawaja-medtech.com

Telephone +49 89 8583 6094
Whatsapp +49 152 22532081

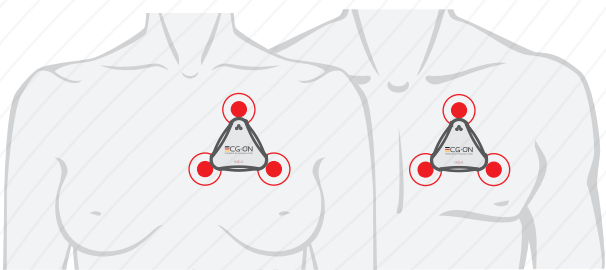
KHAWAJA
MEDICAL TECHNOLOGY

Application areas

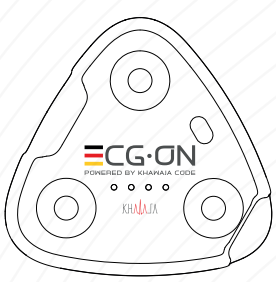
- Screenings such as AFIB screening
- In-hospital & home care
- Remote patient monitoring (RPM)
- Ambulatory applications
- Long COVID: long-term effect of COVID-19
- Cardiac rehabilitation
- Pharmaceutical cardiac safety studies
- Clinical research
- Preventive medicine
- Sports medicine and sciences

ECG.ON Holter Procedure

1. Wear ECG.ON patch as long as needed

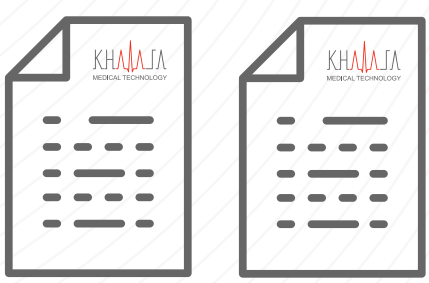


2. Read data using ECG.ON CONNECT



3. Cloud-based KhawajaCode Holter analysis

4. Get KhawajaCode Holter reports



KhawajaCode Holter Reports

Full-scope arrhythmia diagnosis report

- Heart beats typing including normal, PVC, SVPB & noise
- Beat-to-Beat measurements including P-Wave duration, QRS duration, QT interval, QTc interval, ST segment, PR interval, PQ segment amplitude, RR interval
- Global measurements including P-Wave duration, QRS duration, QT interval, QTc interval, ST segment, PR interval, PQ segment amplitude, RR interval & heart rate
- Heart rate variability including time-domain analysis, frequency-domain analysis, nonlinear analysis, Poincare plot & RR (NN) intervals plot
- Rhythm analysis including bigeminus, trigeminus, couplets, triplets, asystoly, arrhythmia, tachycardia, bradycardia, atrial fibrillation/flutter, A-V blocks & WPW

ECG full-disclosure report

- This report includes a complete representation of the recorded ECG data over the monitoring period.

info@khawaja-medtech.com
www.khawaja-medtech.com
Telephone +49 89 8583 6094
Whatsapp +49 152 22532081