



Product

CardiacSense all-in-one medical watch is an innovative wrist worn medical grade vital signs long-term, continuous and comfortable monitoring solution for in-hospital, post-discharge and home hospitalization, ambulatory and on-the-move usage.

The CardiacSense Watch enables: Ultra-fast patient set-up, continuous long-term medical grade monitoring from the moment worn, online data transmission to mobile app, to physician, monitoring centers and/or hospital EMR systems.

The CardiacSense Watch can monitor major vital signs and detect heart arrhythmias such as A-fib, Tachycardia, Bradycardia, PVCs, Pause and Cardiac arrest. The watch can detect the early signs of deterioration for chronic patients that are suffering from COPD and CHF. These signs will allow early treatment that will prevent hospitalizations.

FDA & CE protocol for AF detection clearance.

IP: 1 patent granted, 2 patent applications

CardiacSense

Wristband for ambulatory on-the-move and in-hospital use

Features

Continuous, long term, ambulatory and non-invasive monitoring of life-critical functions at medically certified sensitivity and specificity levels, **in order to track:**

① Heart conditions:

- Atrial Fibrillation
- Tachycardia
- Heart Failure
- Sleep Apnea
- Bradycardia
- Cardiac Arrest
- COPD

② Vital signs:

- Blood Pressure
- Pulse Rate
- Oxygen Saturation
- Core Temperature
- Respiratory Rate

③ Well-being metrics:

- Activity Tracking
- Galvanic Skin Response
- Sleep Analysis
- Calories Burned
- Mental Stress



The next generation of Aged Care technology

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CardiacSense

Wristband for ambulatory on-the-move and in-hospital use

Features

HR, HRV:

ECG + PPG, Comfortable and continuous over the wrist

SpO2 & Respiratory rate:

Comfortable and continuous over the wrist

Blood pressure:

Comfortable and Continuous over the radial artery (wrist), absolute measurement

Core Temp:

ID Thermometer

Water resistance:

Can be wet, used in shower

Mobility:

Can be used out of bed, all over the facility

Monitoring on the move

1 All-in-One device

Centralized motoring and alerts nurse station:

Yes, for all parameters

- Patent-protected state-of-the-art sensors and algorithms
- Holter-level accuracy for detection of heart arrhythmias
- Capnograph level accuracy for respiratory rate
- Finger level accuracy over the wrist of SPO2
- Non-inflating, continuous, absolute blood pressure measurement

Medical watch for long-term continuous monitoring:

- ① High reliability & accuracy in motion
- ② Long-term measurement
- ③ Comfortable and hassle-free
- ④ Continuous measurement 24/7
- ⑤ Unique patent protected artefact sensor
- ⑥ 4 days between charges

24/7 medical companion:

- ① Calories, steps Pedometer
- ② SpO2 Blood pressure, cardiac arrest detection
- ③ HRV, HR and A-fib detection
- ④ Core temperature GSR



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