

Corsano

Continuous Cardiac Monitoring
Anytime, Anywhere

CARDIOWATCH 287-1

MONITOR YOUR PATIENTS WITH WORLD CLASS WEARABLE TECHNOLOGY



Technology

Long lasting battery life
for continuous
monitoring



Design

One size fits all
(Universal size for all
types of patients)



Algorithms

High accuracy
algorithms for precise
monitoring



VITAL PARAMETERS



Continuous heart rate monitoring (PPG based)
Monitor patient's heart rhythm, assess tachycardia, bradycardia and other rhythm conditions.



RR intervals (PPG based)
Monitor RR intervals and assess HRV (Heart Rate Variability), a crucial parameter for physical stress.



BRPM (Breaths/Min)
Monitor Breathing rate (Respiratory rate or frequency) to assess pulmonary and cardiopulmonary status.



Third Party Proprietary A-Fib algorithm
Screen and monitor Atrial Fibrillation in chronic Cardiac patients and development of antiarrhythmics / anticoagulants.



Activity (data set)
Monitor: Steps / Type of exercise / Cadence / Speed / Energy expenditure/ Caloric data



Sleep
Monitor sleep and classify types of sleep.
*Proprietary algorithm for OSAHS (Obstructive Sleep Apnea Hypopnea Syndrome)

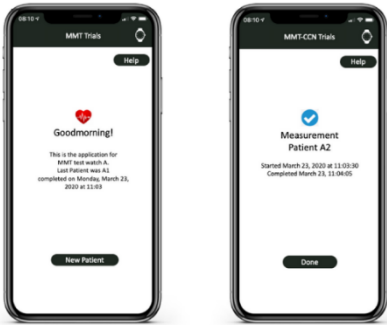


Temperature
Monitor superficial skin temperature.
*Additional ambient temperature sensor.



DATA REPORT

Corsano Clinical Trials app (Android & iOS)

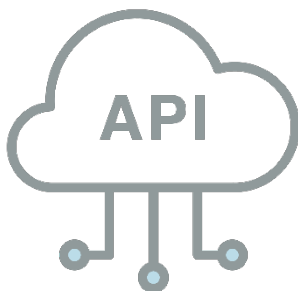


- Enabling remote decentralized clinical trials with the highest level of vital sign monitoring.
- Our clinical trials app allows the researcher to retrieve live vital sign data while conducting a blinded study.
- The patient cannot see his/her data, only the researcher.
- API connectivity through encrypted HIPAA / AVG compliant cloud service.



SDK Connectivity

- Pull data from the Corsano Cardiowatch into your own application on iOS or Android.
- No cloud usage, no third parties.
- Data will be processed, with the exception of A-Fib algorithm.
- For remote trial apps and software / Remote monitoring platforms.



API Connectivity

- Pull data from the Corsano Clinical trials or commercial app into your own software.
- Cloud Based (HIPAA / AVG)
- Data will be processed, including A-Fib algorithm.
- For remote EDCs, EHRs, other decentralized solutions.
- Also for remote trials apps and software / Remote monitoring platforms.



CERTIFICATIONS



Expected Q3 2021



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PARTNERS



CLINICAL VALIDATION

The Netherlands

- BPM Clinical validation with CCN/AMC Oct 2020
- RR Intervals validation with CCN/AMC Nov 2020
- Activity type, sleep, cadence. Validation VSO ELAN, Nov 2019
- H+MC Respiration Rate. Haaglanden MC, December 2020
- PHILIPS Blood Pressure (Pulse transit time algorithm with Philips, trends algorithm and calibration) Q3 2021

Belgium

- Validated PPG Based Sleep, July 2017
- Clinical Trial, CHU Saint Pierre, Jan 2021

Germany

- Class II CE Certified A Fib Algorithm Preventicus May 2018

Switzerland

- Clinical trial AF Burden with USB, November 2020

USA

- UCSF PHILIPS SpO2 algorithm with Philips at UCSF May 2021

Our validation partners:

