

# Corsano

Continuous Cardiac Monitoring  
Anytime, Anywhere

## CARDIOWATCH 287-2

2<sup>nd</sup> GENERATION WEARABLE TECHNOLOGY WITH MULTI CHANNEL PPG, ECG AND HEATHFLUX



Similar ergonomics  
as CardioWatch 287-1

One size fits all  
types of patients



State of the art PPG sensor  
with two diodes and Green/Red/Ir LEDs

One lead ECG, GSR-EDA, Heatflux sensor

Multi sensor algorithms  
for precise monitoring



# VITAL PARAMETERS



## **Continuous heart rate monitoring (PPG & ECG based)**

Monitor patient's heart rhythm, assess tachycardia, bradycardia and other rhythm conditions



## **RR intervals (PPG & ECG 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)



## **Core Body Temperature**

Based on Heatflux sensor in combination with PPG



## **Oxygen Saturation**

Monitor percentage of blood that is saturated, known as the SpO2 level



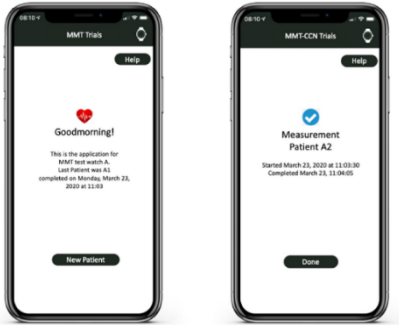
## **Electrodermal activity (EDA/GSR)**

Measure skin conductivity to indicate emotional arousal and stress



# 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, in your own app
- For remote trial apps and software / Remote monitoring platforms
- Corsano will not see your patients' data

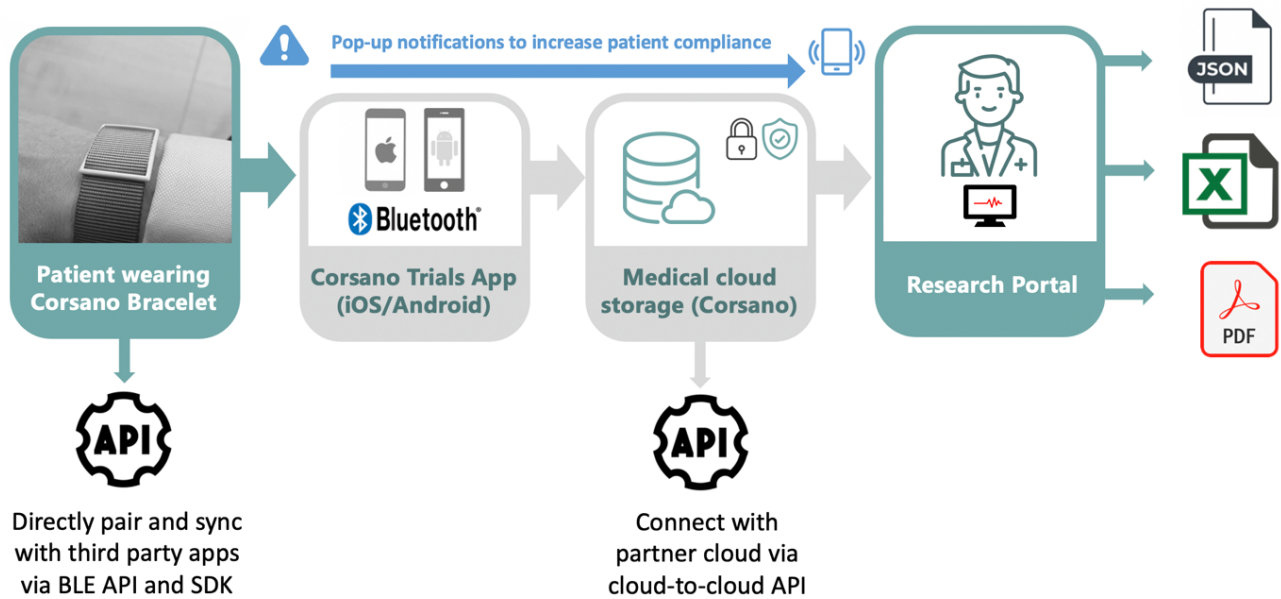
## API Connectivity



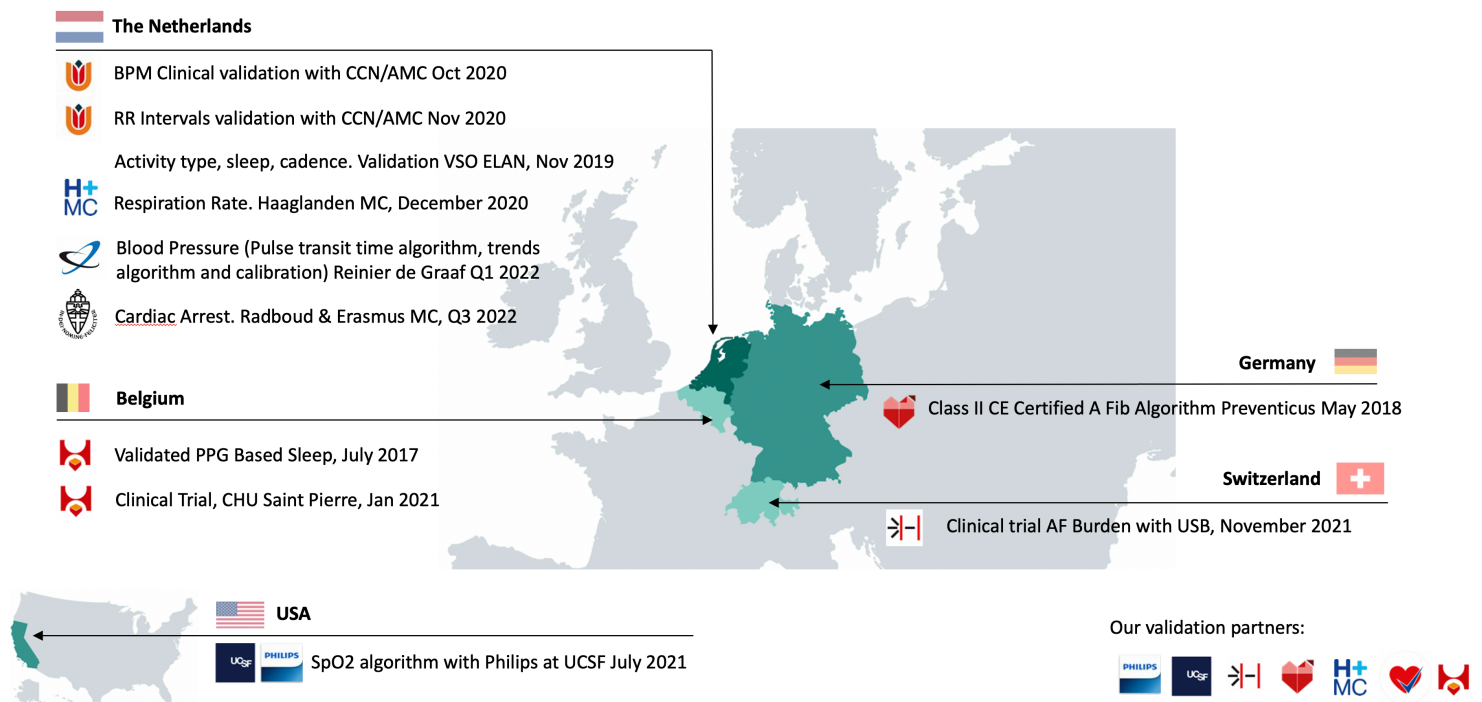
- Pull data from the Corsano Clinical trials or commercial app into your own software
- Cloud Based (HIPAA / GDPR Privacy)
- Data will be processed, including A-Fib algorithm
- For remote EDCs, EHRs, other decentralized solutions
- For remote trials apps and software / Remote monitoring platforms



# SYSTEM & ACCESS TO DATA



# CLINICAL VALIDATION



*In the United States, this product is for Investigational Use Only. The performance characteristics of this product have not been established.*

