



Continuous Patient Monitoring
Anytime, Anywhere

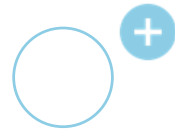
From youth prevention to sex-specific cardiology: continuous wearable monitoring for personalised health and risk assessment

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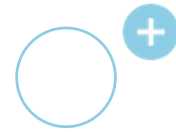
Expertise



- **Technological expertise**

- Specialised in medical-grade continuous wearable monitoring (CE-MDR / FDA-cleared device)
- Physiological analytics: HR(V), PPG, ECG, sleep, activity, cuffless blood pressure
- Data infrastructure: secure cloud pipelines for real-time ingestion, signal QA/QC, dashboards, GDPR-compliant data management

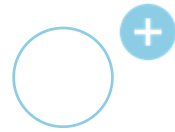




- **Core problem:**
 - Behavioural interventions in youth often rely on self-report and short-term outcomes
 - Continuous data to personalise and evaluate prevention strategies
- **Proposed project idea/contribution:**
 - School/community-based prevention programmes supported by **continuous wearable monitoring**
 - Real-world tracking of HR, HRV, sleep and activity to enable:
 - AI-driven tailoring of interventions
 - adherence monitoring
 - objective outcome measures over time
- **Corsano's role:**
 - Provide CE-grade wearables, deployment, signal-quality control and digital monitoring endpoints
 - Support evaluation of behavioural change



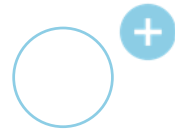
DISEASE-11



- **Core problem:**
 - Cardiovascular risk and early disease manifestations differ significantly by sex
 - Existing risk models often rely on sparse or episodic measurements
- **Proposed project idea/contribution :**
 - Use **continuous wearable cardiovascular monitoring** in adult cohorts to improve sex-specific risk assessment and early detection strategies
 - Basis to derive and test sex-specific digital CVD biomarkers validating sex-specific thresholds and risk score algorithms
- **Corsano's role:**
 - Deliver validated continuous cardiovascular monitoring
 - Provide harmonised time-series data and analytical-validity support for studies



Partners/Consortia



- **Corsano's position - looking for partners/consortia to join:**
 - SME partner leading monitoring, data and validation tasks
 - Value for partners: high-quality continuous data, minimal trial burden, rapid time-to-analysis, convenient access to raw data
 - **Not coordinating**, but enabling strong scientific output
- **Partners needed for STAYHLTH-02:**
 - **Coordinators** with access to schools, youth or community networks
 - Behavioural science & public-health partners
 - Implementation and evaluation experts
- **Partners needed for DISEASE-11:**
 - Cardiology **coordinators**, clinical cohort owners and validation sites
 - Sex/gender health researchers, AI/biostatistics
- **Also open for other topics wherever we could create an added value.**



Corsano



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THANK YOU!

