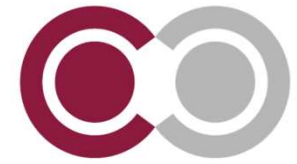


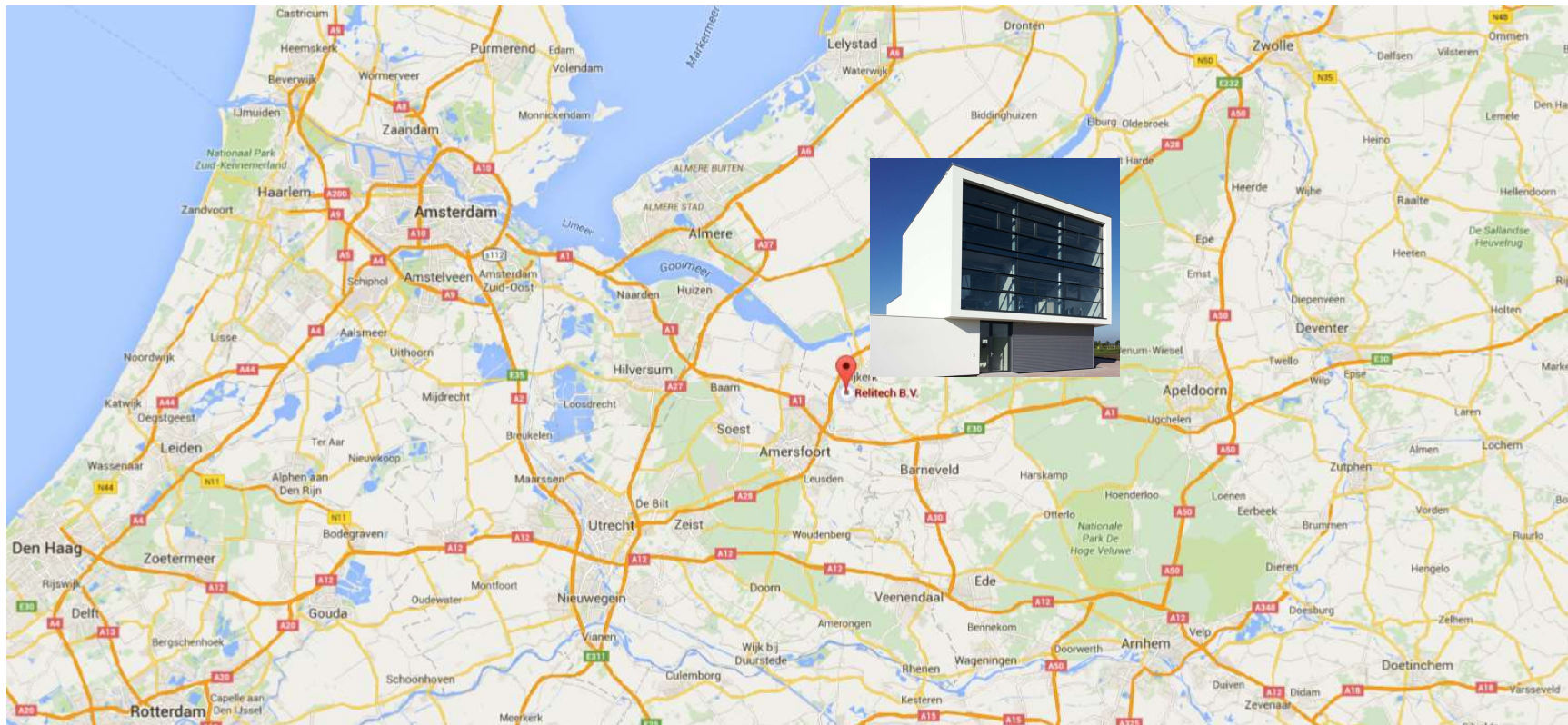
Cooperation in Digital Health



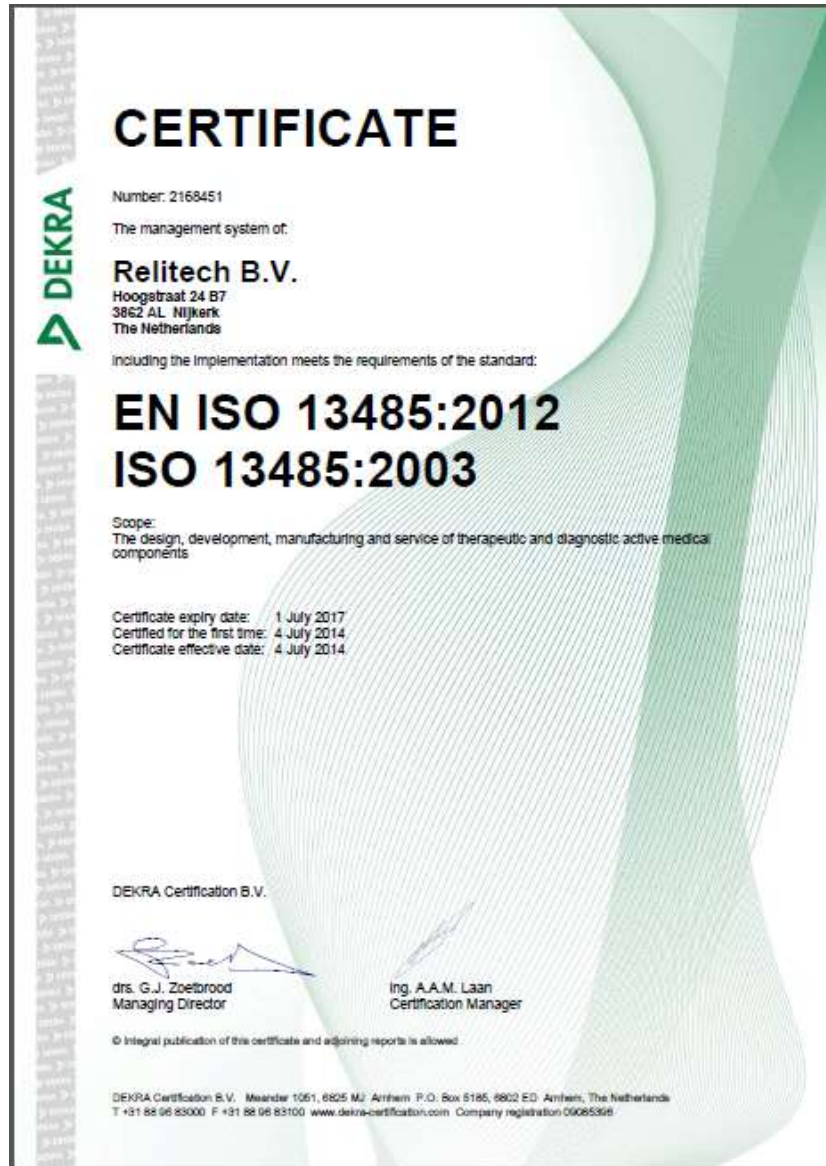
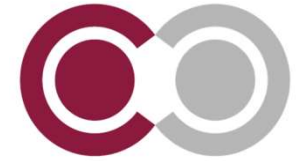
The co-creation team:



- © 25 FTE
- © Staff level: University
- © Mechanics, Electronics, Software, Algorithms
- © Experienced and well trained staff



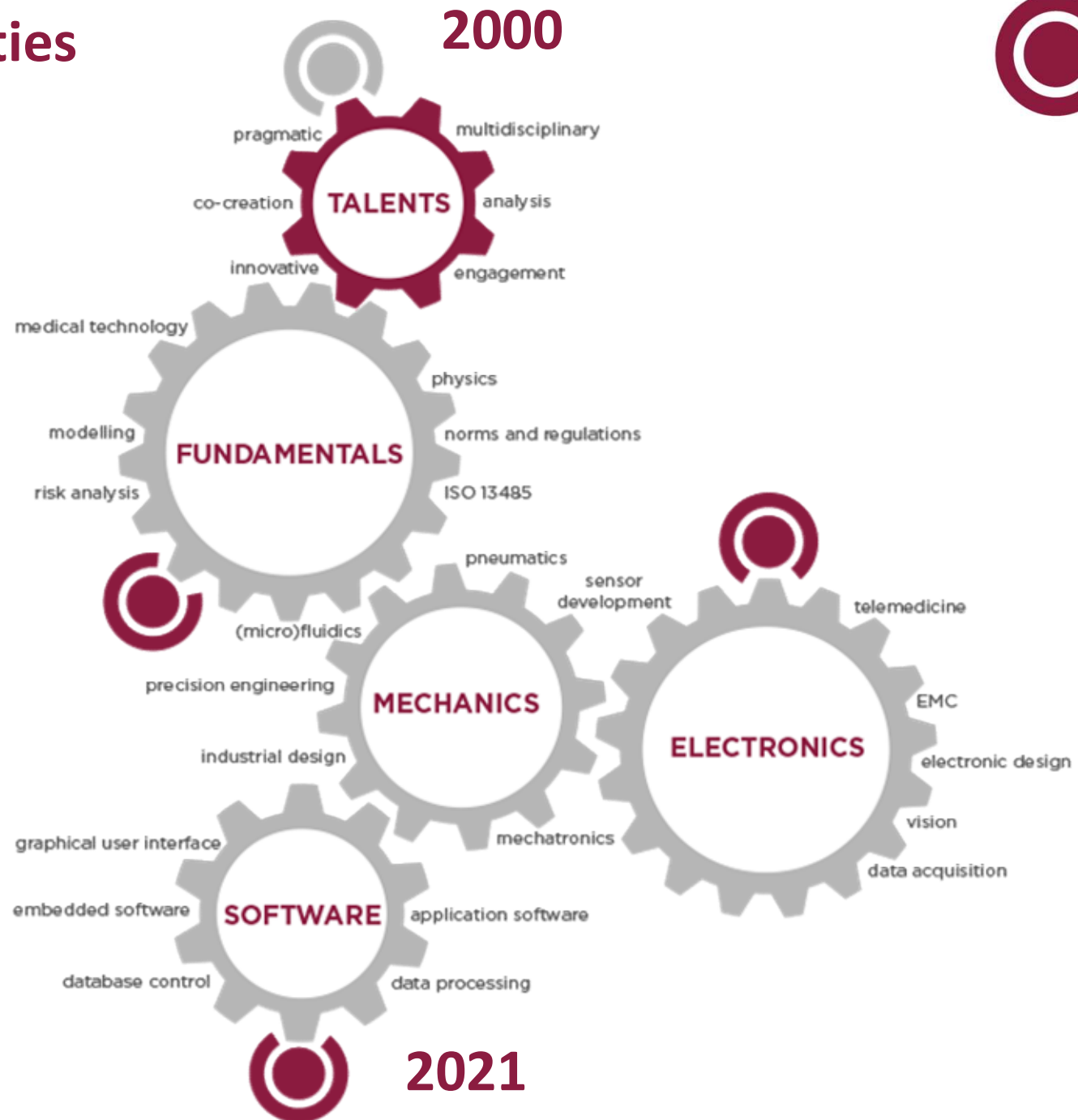
Certification for medical products



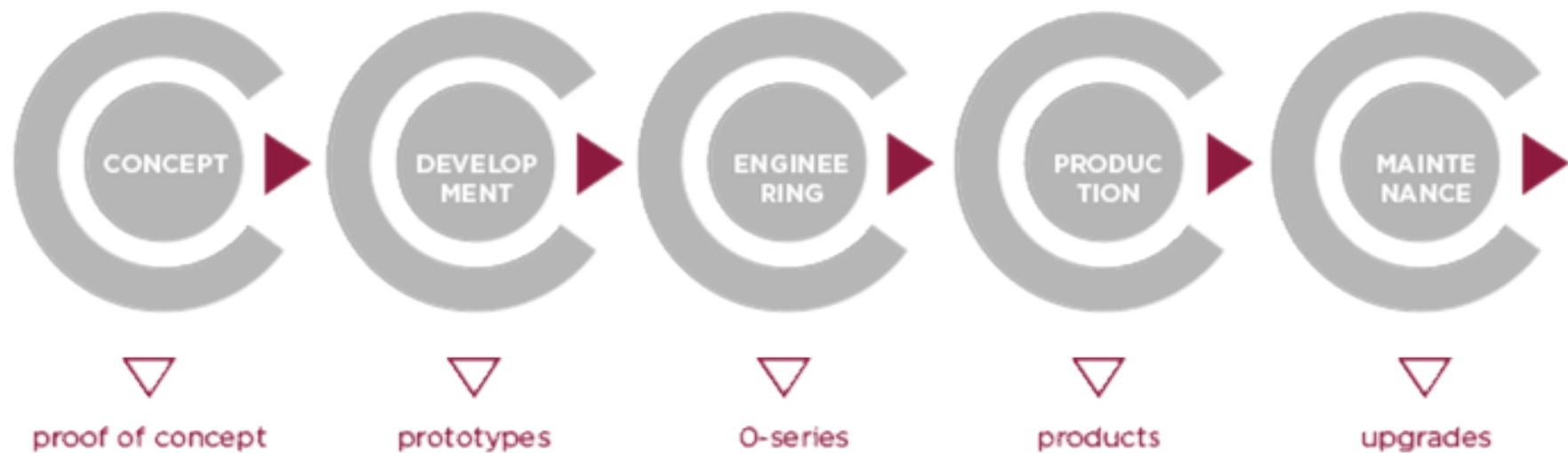
Scope:

The design, development,
manufacturing and service
of
therapeutic and diagnostic
active medical components.

Competenties

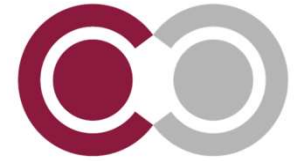


Approach



- © Use of proven technology if possible
- © Risk analysis up front
- © Milestones with go/no-go decisions
- © Narrow multidisciplinary contact with clients
- © Clients are SME, Multinationals & Universities

Strategy



Co-creator of practical solutions in measuring and control technology



- © Complete (medical) product development
- © Strong in multidisciplinary development
- © Strategic cooperations
- © High availability of knowledge

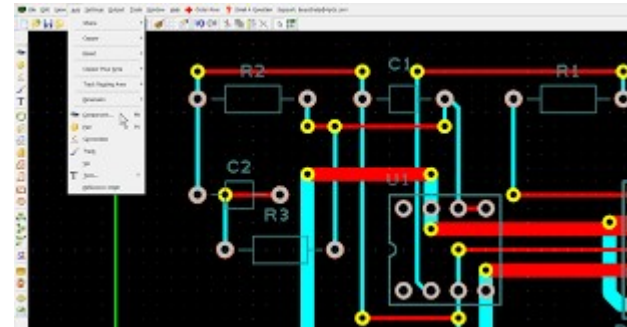
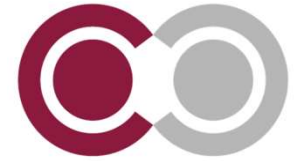


Project-role



- © Sensor selection
- © Development of a wearable measurement device
- © Calibration, filtering and correct the sensor-signals into readable measurement data
- © User software development incl. userinterface

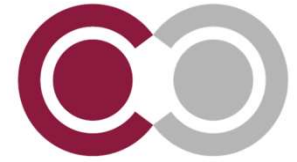
Existing sensors or custom development



- © Define requirements
- © Do a feasibility on the available key components
- © Design a PCB
- © Use of the shelf available components

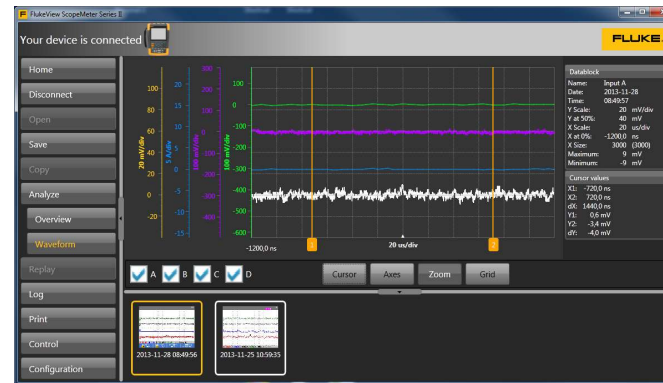
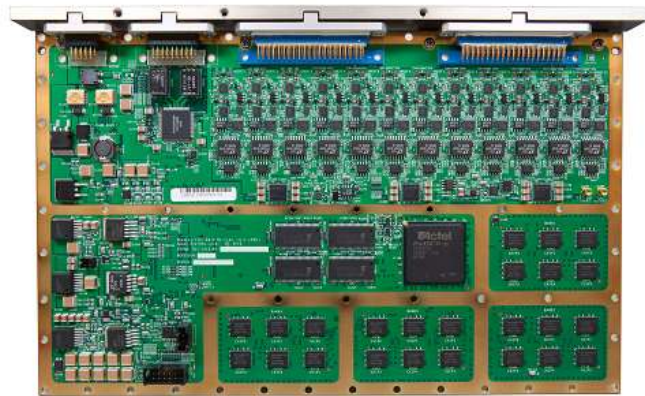
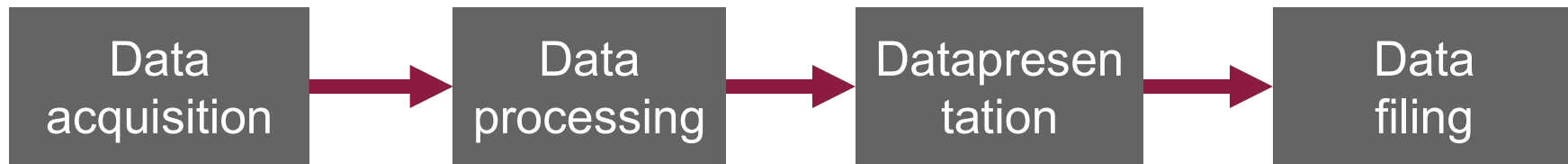
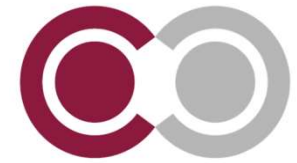
24+CARE

Deliverable



- © Cheap reusable sensor with disposable patch (0,75 eurocent per patch)
- © Bluetooth module integrated
- © Integrated features such as accelerometer
- © Battery-life 6 hours
- © Large datastorage on PCB

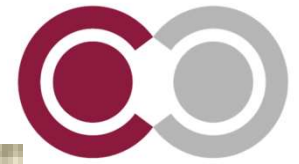
Data: Measuring and control chain



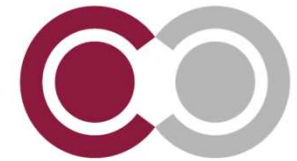
- © Userinterface for patient & care-taker
- © Stress Algorithm development
- © Continuous measurements

Supervisory control

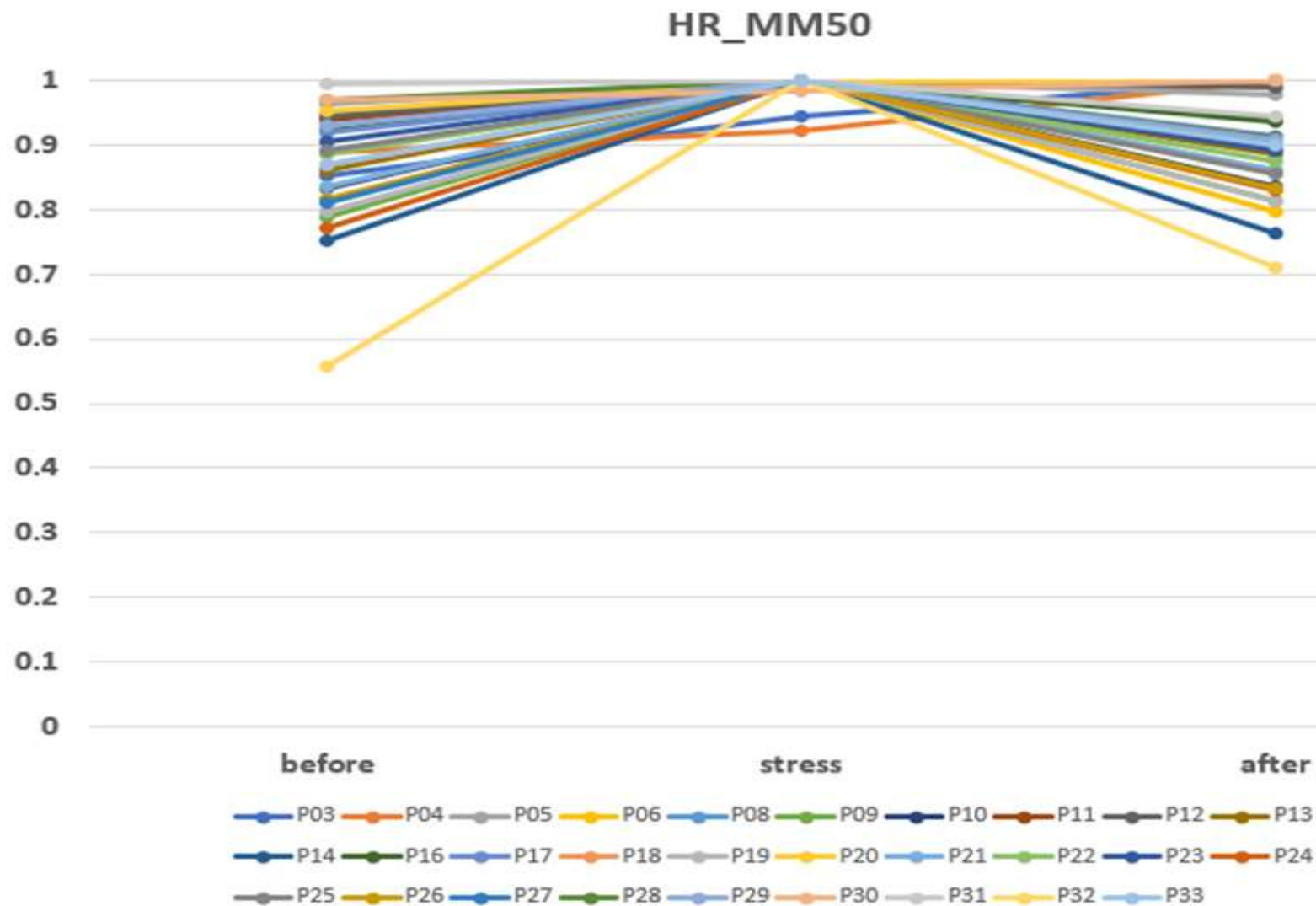
First step to create data for Algorithm development: elevator plank test



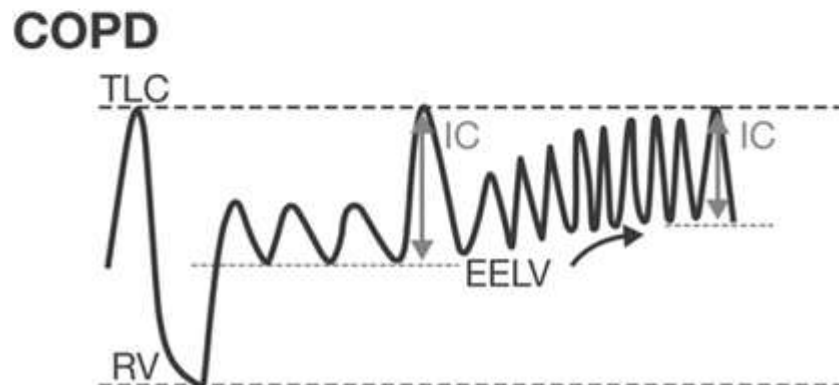
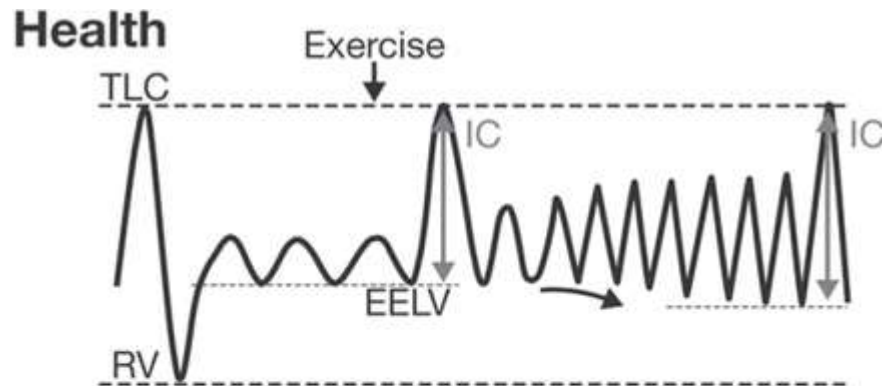
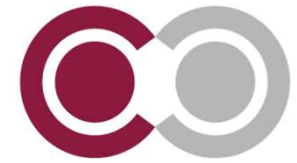
Sensor/data output:



© Test: stress test & measurement hart-rate

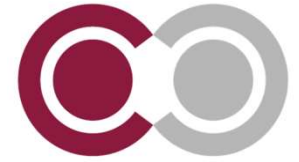


Other home measurement wearables: Dynamic Hyperinflation warning system



HEXOSKIN
WEARABLE BODY METRICS

Idea's or need some help?



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