



General introduction to the CoroPrevention Tool Suite

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www.coroprevention.eu



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Components of the CoroPrevention Tool Suite



ePRO application
to collect patient
preferences



Decision Support Systems
to support caregivers in
prescribing for their patients



Caregiver dashboard to
support shared decision
making during
encounters



Mobile application to
support the PPP of
the patient



ePRO application

- Target users: **Patients**
 - PPP group
 - Preparation for the encounter
 - Part of the shared decision making process
 - Administration of questionnaires
 - Traditional care group
 - Administration of questionnaires

Welcome

Your subject ID: coro-001002-490

Welcome again. How are you doing? Before your consultation with the case nurse, we want to collect some information about you again. This will help us in providing you with a personalized care plan.

Start

My motivation for lifestyle changes

Ad hoc questionnaire "health behaviour change questionnaire"

Please answer the questions below.

1. I believe that I need to

adhere better to my medication prescription

Strongly disagree

Disagree

Somewhat disagree

Neither agree or disagree

Somewhat agree

Agree

Strongly agree

be more physically active

Strongly disagree

Disagree

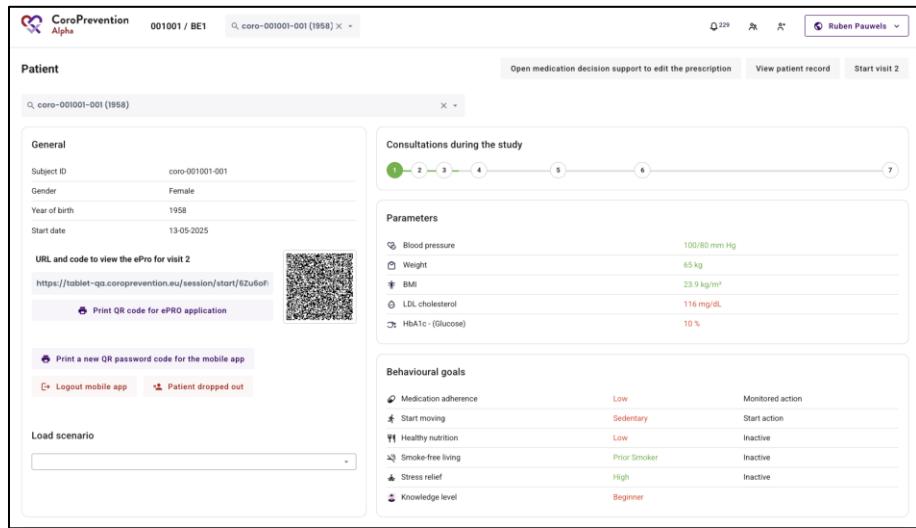
Somewhat disagree

Neither agree or disagree



Caregiver dashboard

- Target users: mostly **Caregivers**, but **Patients** also view the caregiver dashboard during the encounters



The screenshot shows the CoroPrevention caregiver dashboard for patient 001001 / BE1. The interface is divided into several sections:

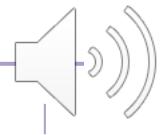
- Patient** section: Displays general patient information (Subject ID: coro-001001-001, Gender: Female, Year of birth: 1958, Start date: 13-05-2025), a QR code for the ePRO application, and links to print QR codes for the mobile app and log out.
- Consultations during the study**: Shows a timeline with numbered circles from 1 to 7, indicating the progression of consultations.
- Parameters**: Lists physiological measurements: Blood pressure (100/80 mm Hg), Weight (65 kg), BMI (23.9 kg/m²), LDL cholesterol (116 mg/dL), and HbA1c - (Glucose) (10 %).
- Behavioural goals**: Lists six goals with current status and action plans:

Goal	Current Status	Action Plan
Medication adherence	Low	Monitored action
Start moving	Sedentary	Start action
Healthy nutrition	Low	Inactive
Smoke-free living	Prior Smoker	Inactive
Stress relief	High	Inactive
Knowledge level	Beginner	



Caregiver dashboard

- Caregivers
 - Preparation of the patient record for PPP patients (integration with EDC system)
 - Recommendations for exercise (EXPERT tool) and medication (medication DSS) according to ESC guidelines, evidence, expert opinions
 - Follow-up patient progress and alerts
 - Visual tool to support motivational talk and shared decision making



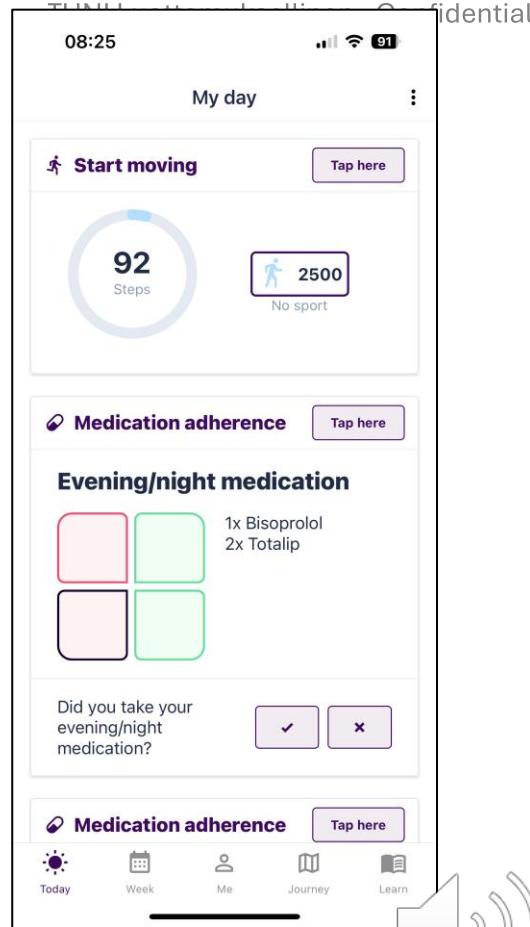
Caregiver dashboard

- Patients
 - See their progress as part of the SDM encounter with their case nurse
 - Visual tool to support motivational talk and shared decision making

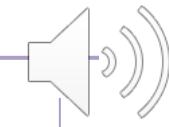
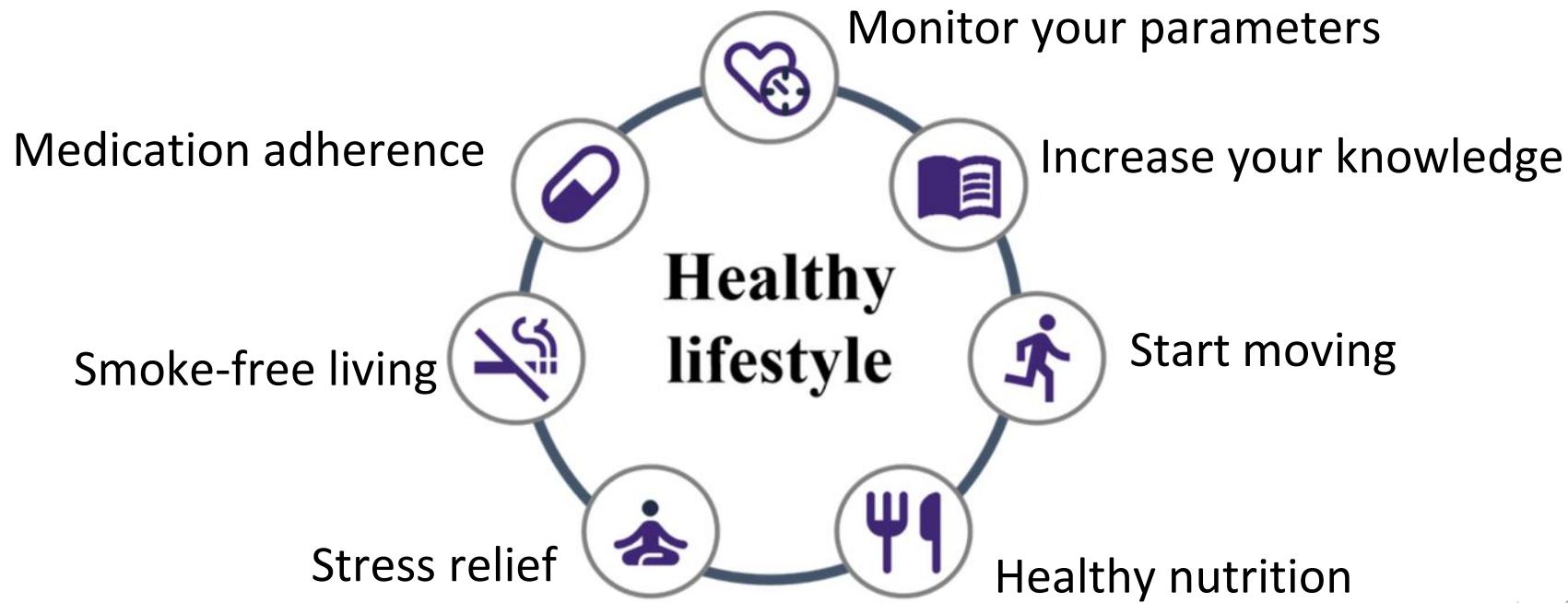


Patient mobile application

- Target users: **Patients**
 - Support adherence to their PPP
 - Reporting and follow up of their progress while achieving their health goals
 - Educational content to increase their disease- and lifestyle-related knowledge

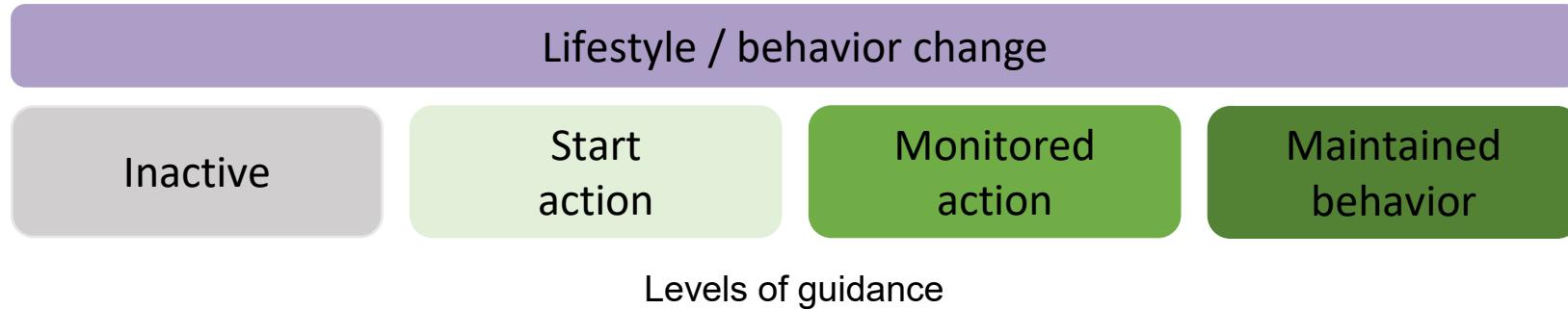


Modules of the CoroPrevention Tool Suite

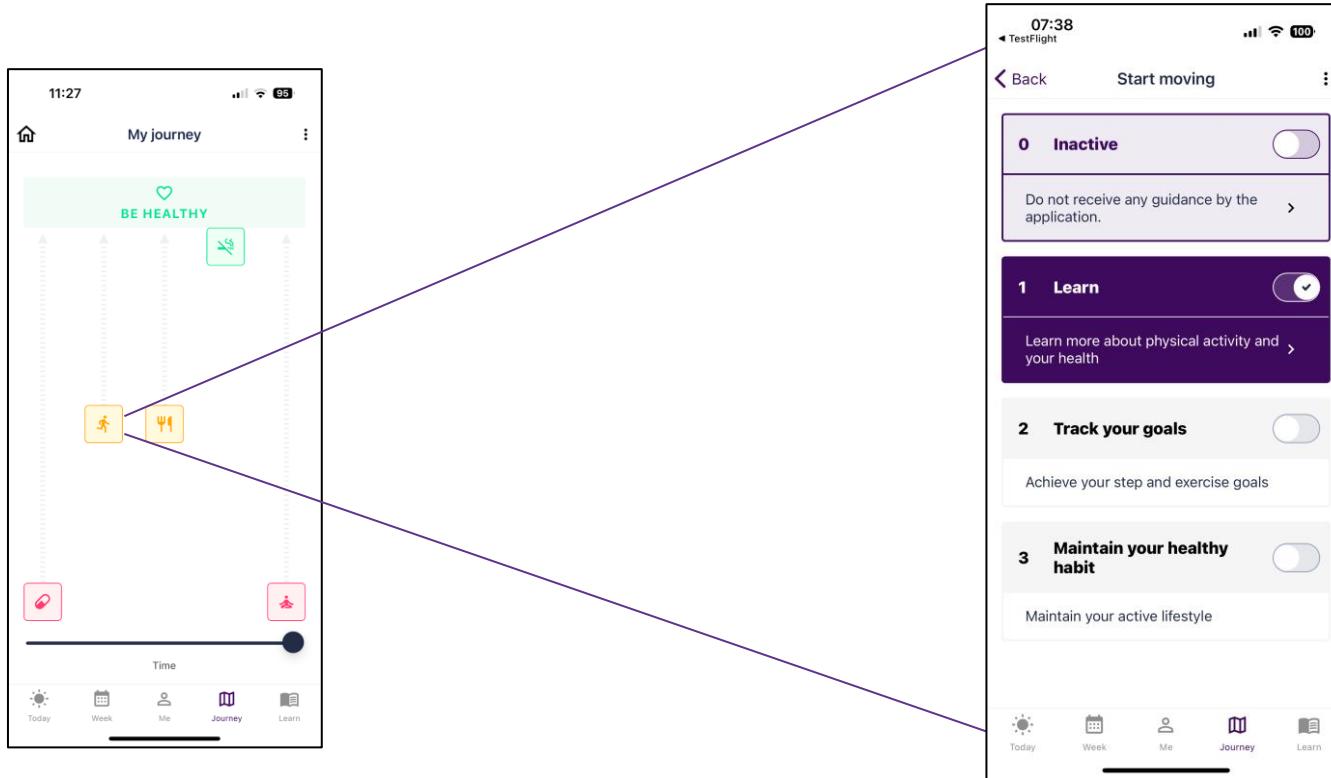


Tailoring to the patient - ensuring Personalised PP

- **Evolutionary approach** adapts the modules depending on patient preferences and expert opinion (**shared decision making**)
- Each module can be inactive or in one of the four levels of guidance:



Tailoring to the patient - a PPP journey



Good luck!

