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# General introduction to the CoroPrevention Tool Suite

Version November 2025



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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

The image displays two screenshots of the ePRO application interface.

**Left Screenshot (Welcome screen):**

- Header: Welcome
- Content: A speech bubble from a doctor illustration contains the text: "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." Below the text is a yellow "Start" button.

**Right Screenshot (My motivation for lifestyle changes screen):**

- Header: My motivation for lifestyle changes
- Section 1: Ad hoc questionnaire "health behaviour change questionnaire". Sub-header: Please answer the questions below.
- Question 1: I believe that I need to
- Section 2: adhere better to my medication prescription. Options: Strongly disagree, Disagree, Somewhat disagree, **Neither agree or disagree** (selected), Somewhat agree, Agree, Strongly agree.
- Section 3: be more physically active. Options: **Strongly disagree** (selected), Disagree, Somewhat disagree, Neither agree or disagree.



# Caregiver dashboard

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

**CoroPrevention Alpha** 001001 / BE1 coro-001001-001 (1958) 128 Roben Pauwels

**Patient** Open medication decision support to edit the prescription View patient record Start visit 2

coro-001001-001 (1958)

**General**

Subject ID	coro-001001-001
Gender	Female
Year of birth	1958
Start date	13-05-2025

URL and code to view the ePro for visit 2  
<https://tablet-qa.coroprevention.au/session/start/62ufoh>

[Print QR code for ePRO application](#)

[Print a new QR password code for the mobile app](#)

[Logout mobile app](#) [Patient dropped out](#)

**Load scenario**

**Consultations during the study**

1 2 3 4 5 6 7

**Parameters**

Blood pressure	100/60 mm Hg
Weight	65 kg
BMI	23.9 kg/m²
LDL cholesterol	116 mg/dL
HbA1c - (Glucose)	10 %

**Behavioural goals**

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



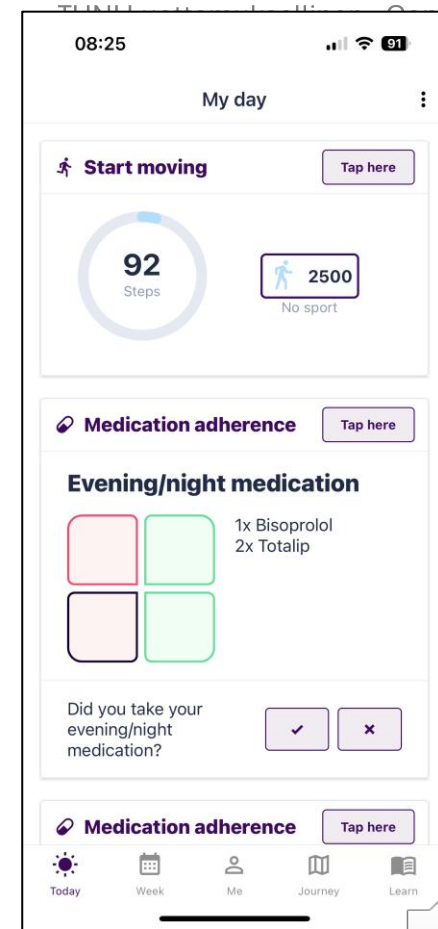
# Caregiver dashboard

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

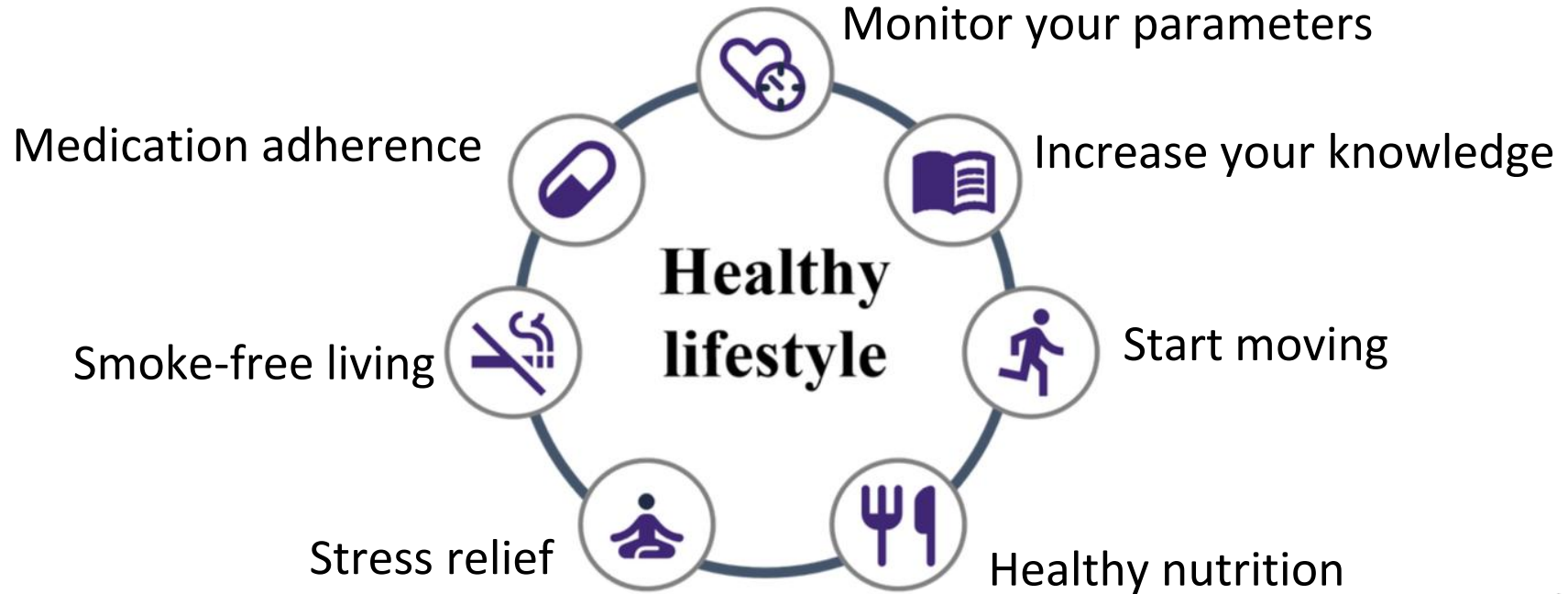


# Patient mobile application

- 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



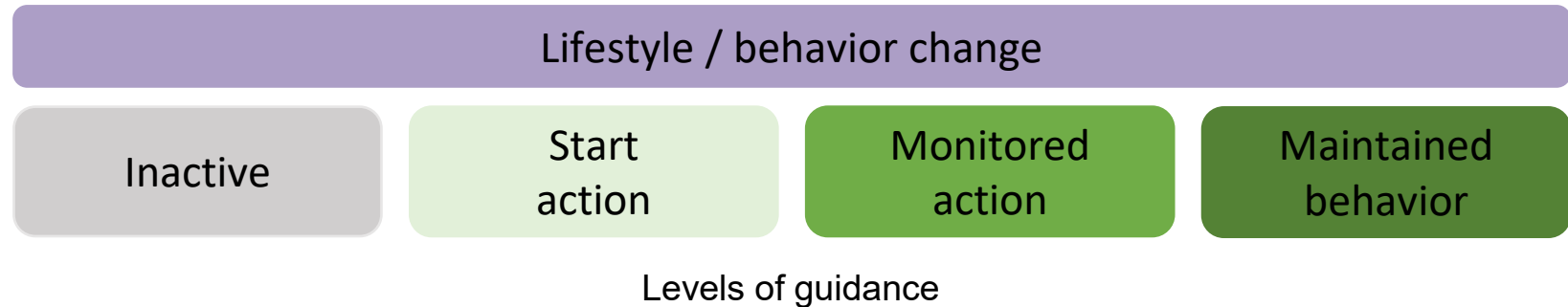
# Modules of the CoroPrevention Tool Suite



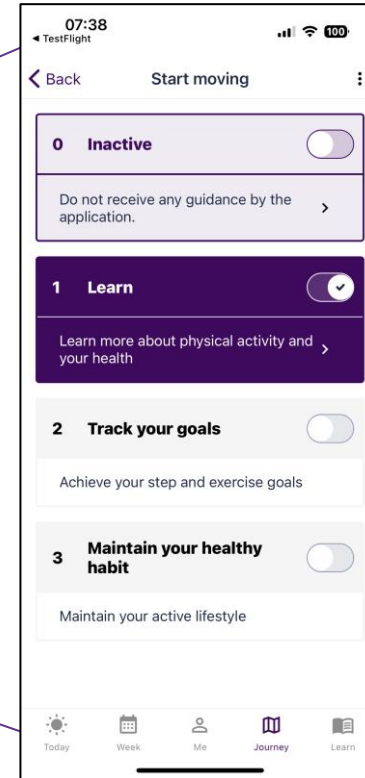
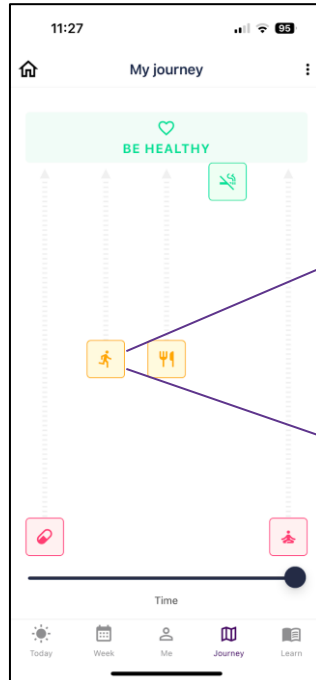


# Tailoring to the patient - ensuring Personalised PP

- **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!**

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