

Introduction to the EXPERT tool



What is the EXPERT tool?

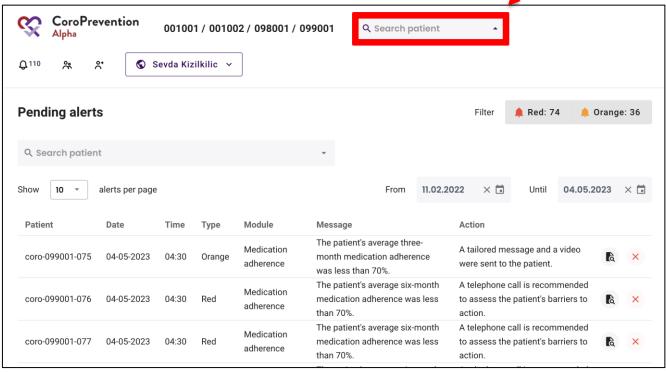
- Developed according to EAPC and ESC position statements/guidelines and the expert opinions of the EAPC EXPERT group members
- To select maximally clinically effective and medically safe training modalities for patients with cardiovascular disease
- Recommendation System to support prescription of personalized exercise training



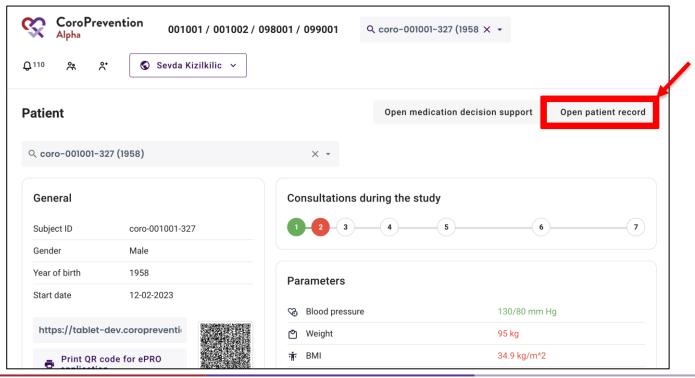
How to apply the EXPERT tool in CoroPrevention? Case description

- 64-year old male
- Medical history:
 - Arterial hypertension, obesity, hypercholesterolaemia, diabetes mellitus
 - Shoulder operation in 2015
 - Elective coronary angiography demonstrating severe 3-vessel disease in 2021
 - Elective CABG was performed
- Risk factors:
 - Obesity, diabetes, arterial hypertension, hypercholesterolaemia
 - Prior smoker, currently non-smoker
 - Low physical activity

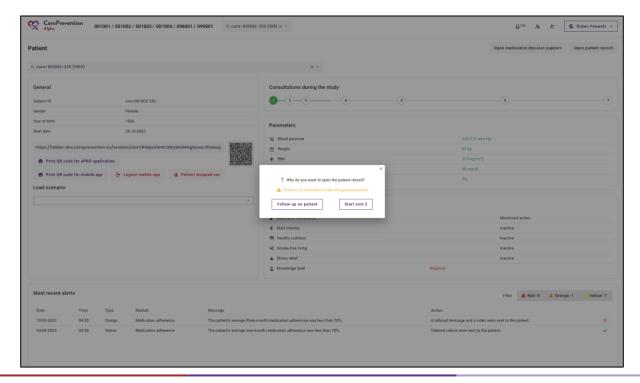




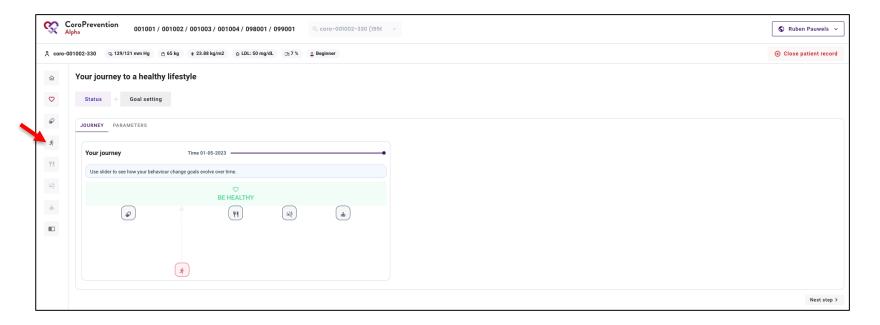








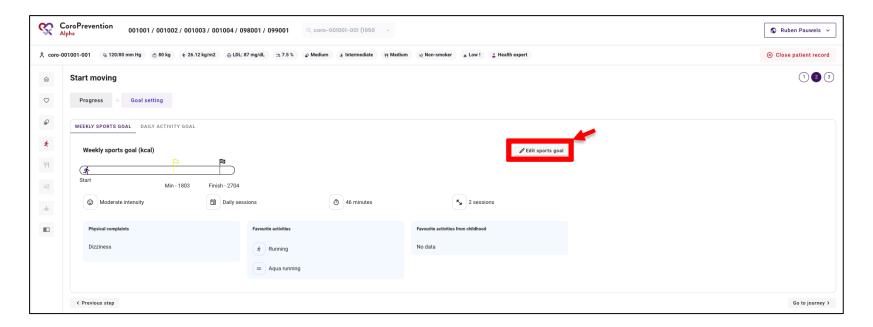




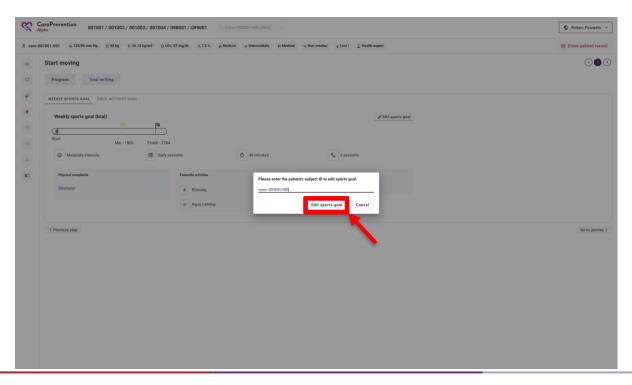






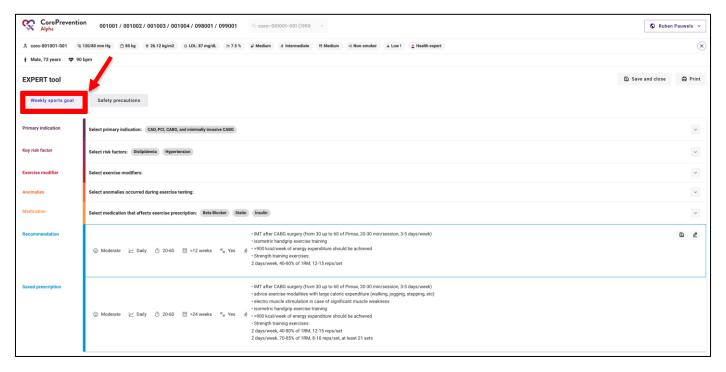






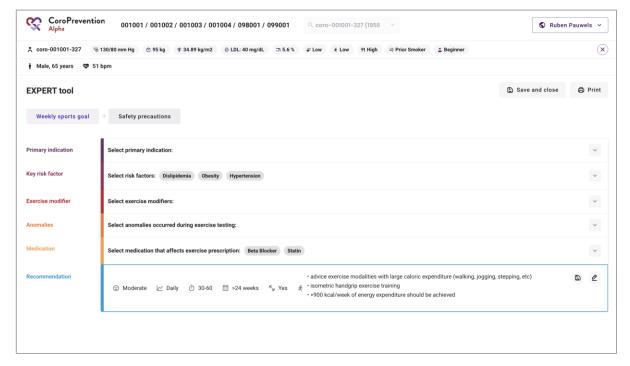


EXPERT tool – Weekly sports goal





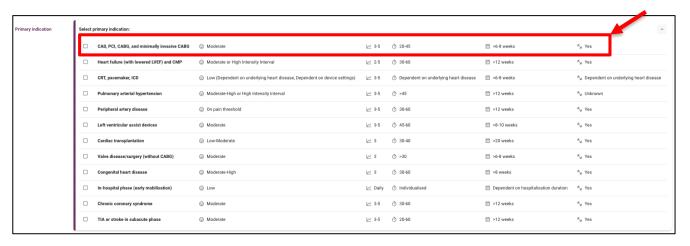
EXPERT tool – Exercise prescription



• Select applicable items



EXPERT tool – Primary indication



Medical history:

- Arterial hypertension, obesity, hypercholesterolaemia, diabetes mellitus
- Shoulder operation in 2015
- Elective coronary angiography demonstrating severe 3-vessel disease in 2021
- Elective CABG was performed

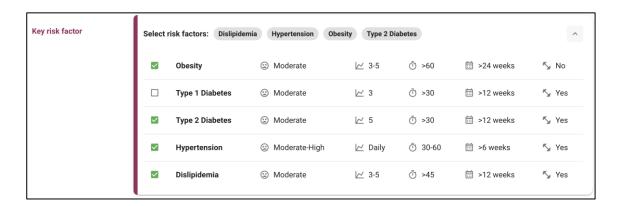


EXPERT tool – Primary indication

CAD, PCI, CABG, and minimally Moderate ≥ 3-5 <u>0</u> 20-45 >6-8 weeks Yes invasive CABG Programme Strength Intensity Session Frequency duration training duration



EXPERT tool – Key risk factor

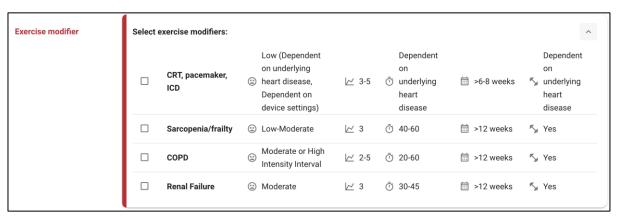


Risk factors:

- Obesity, diabetes, arterial hypertension, hypercholesterolaemia
- Prior smoker, currently non-smoker
- Low physical activity



EXPERT tool – Exercise modifier

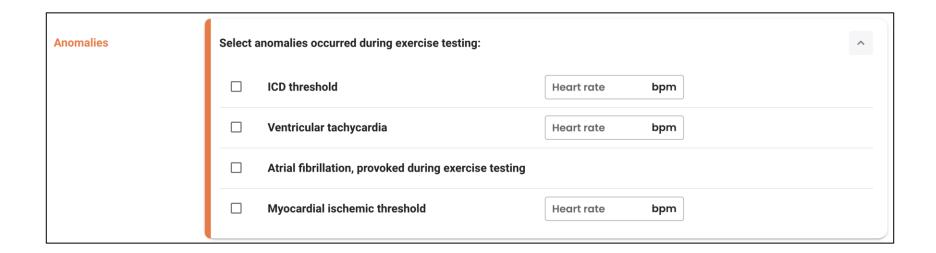


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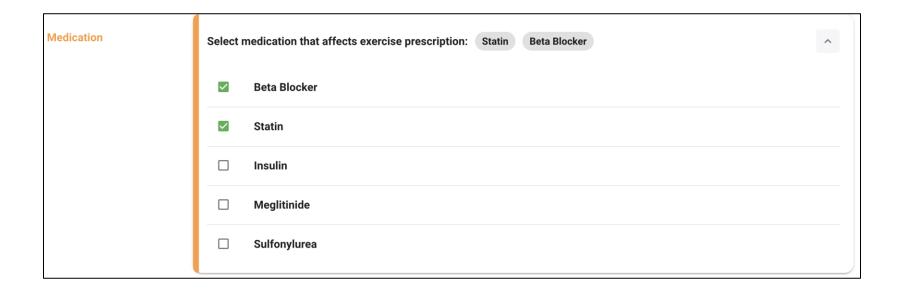


EXPERT tool – Anomalies

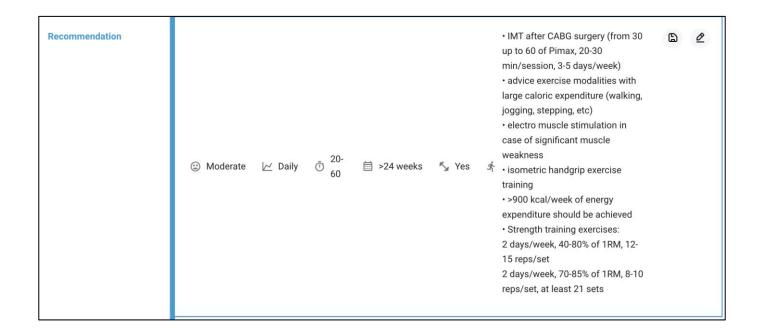




EXPERT tool – Medication





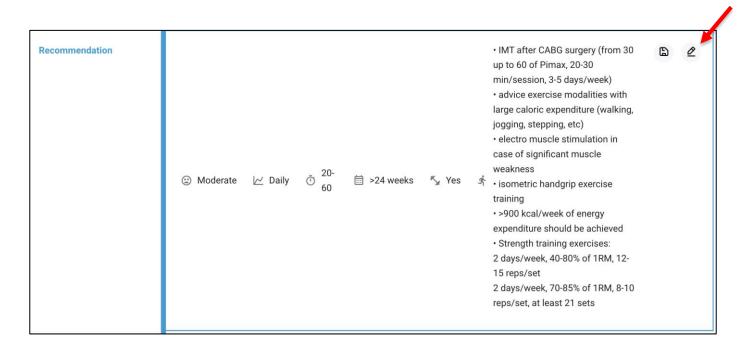




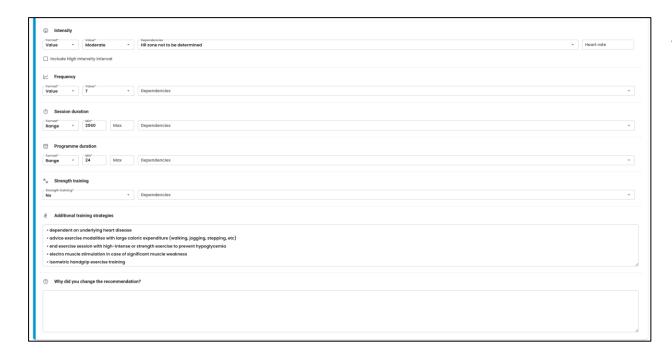
EXPERT tool – Intensity

Light activity	Feels like you can maintain it for a long time. Easy to breathe and carry on a conversation.
Moderate activity	Feels like you can exercise for a long period, but probably not for hours. Your breathing is somewhat heavier but you are still able to speak in full sentences.
Vigorous activity	Feels like you cannot exercise very long, your breathing is heavy and you are not able to say a full sentence without gasping for extra air.



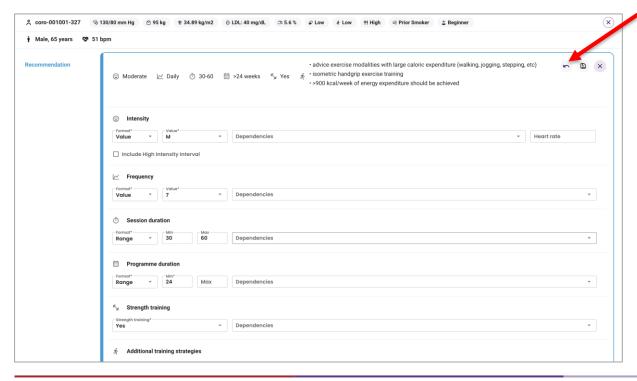






 Remember to record reason why you made the change

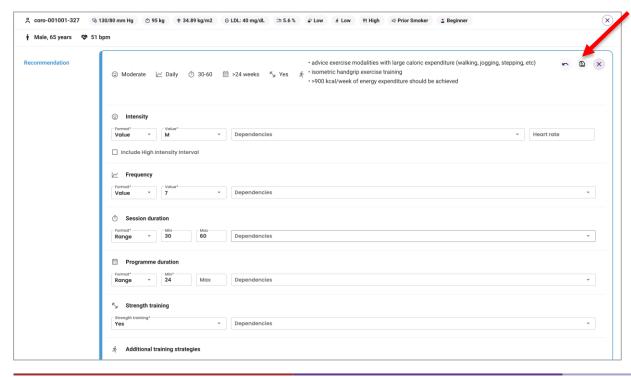




- At the top, view the recommended prescription
- At the bottom, **edit** the prescription



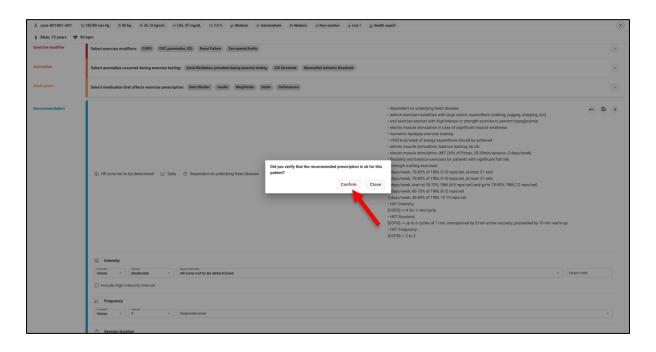
EXPERT tool – Save exercise prescription



- At the top, view the recommended prescription
- At the bottom, **edit** the prescription



EXPERT tool – Save exercise prescription



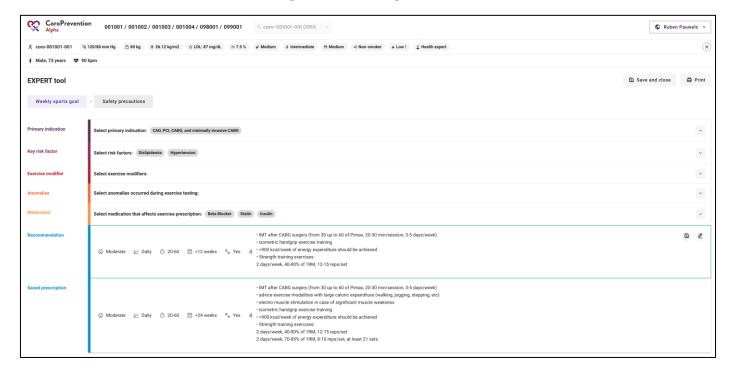


EXPERT tool – Save exercise prescription



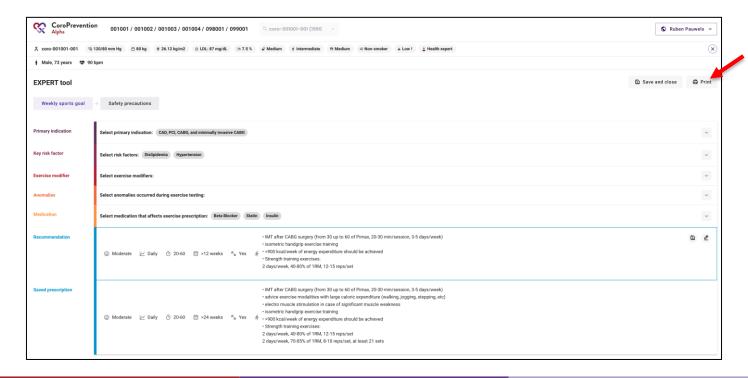


EXPERT tool – Saved prescription



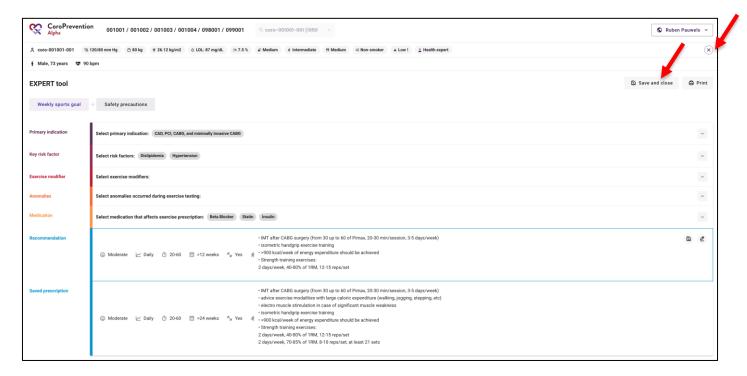


EXPERT tool – Print





EXPERT tool – Save and close





EXPERT tool – Safety precautions

