



CoroPrevention

PERSONALISED PREVENTION FOR
CORONARY HEART DISEASE

www.coroprevention.eu

Part A: Rationale, the PPP and trial timeline



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 848056



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CORONARY HEART DISEASE

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Rationale



In Europe in patients with proven coronary artery disease:

At least half of a cardiac rehabilitation programme

"Old" LDL target <1.8 mmol/L (<70 mg/dL)

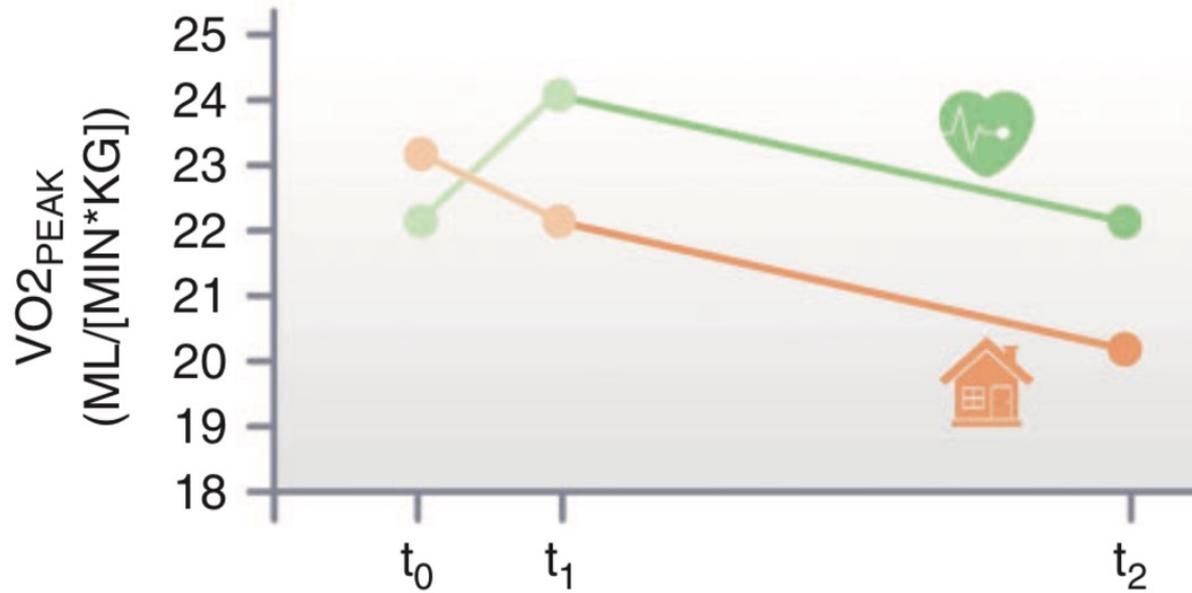
Physical activity ≥ 30 min ≥ 5 times per week

Overweight or obese

Current smokers



The long term..





CoroPrevention

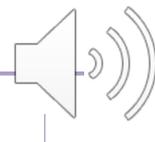
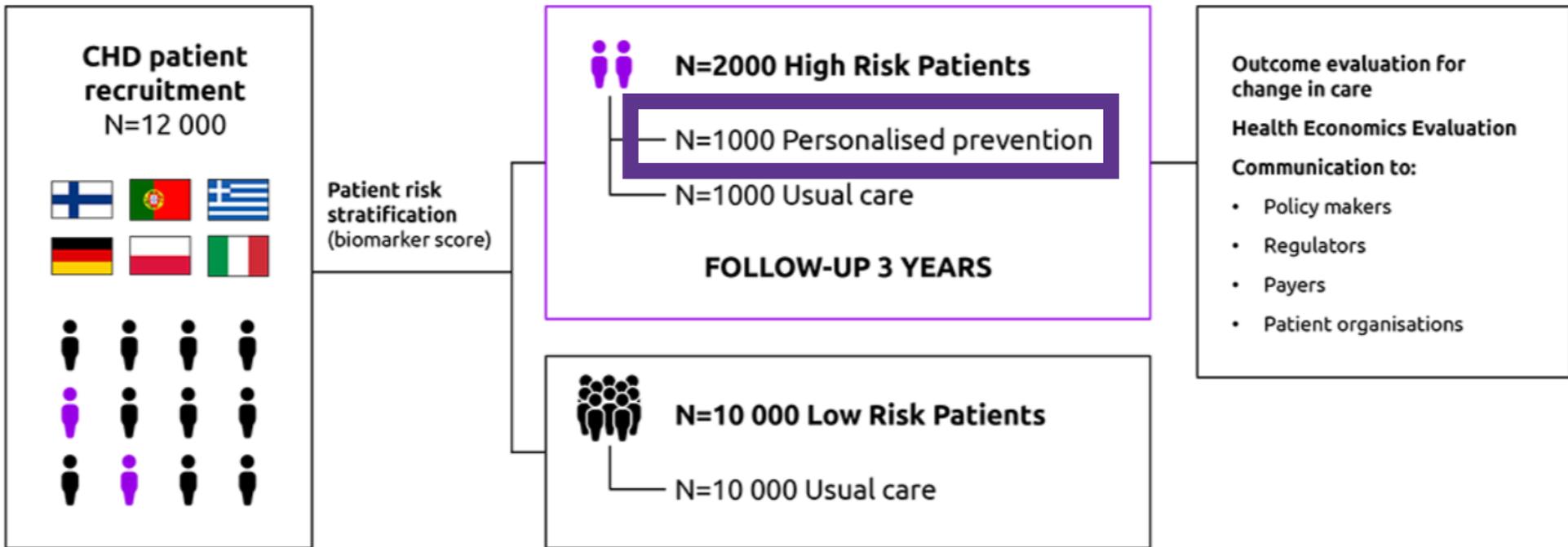
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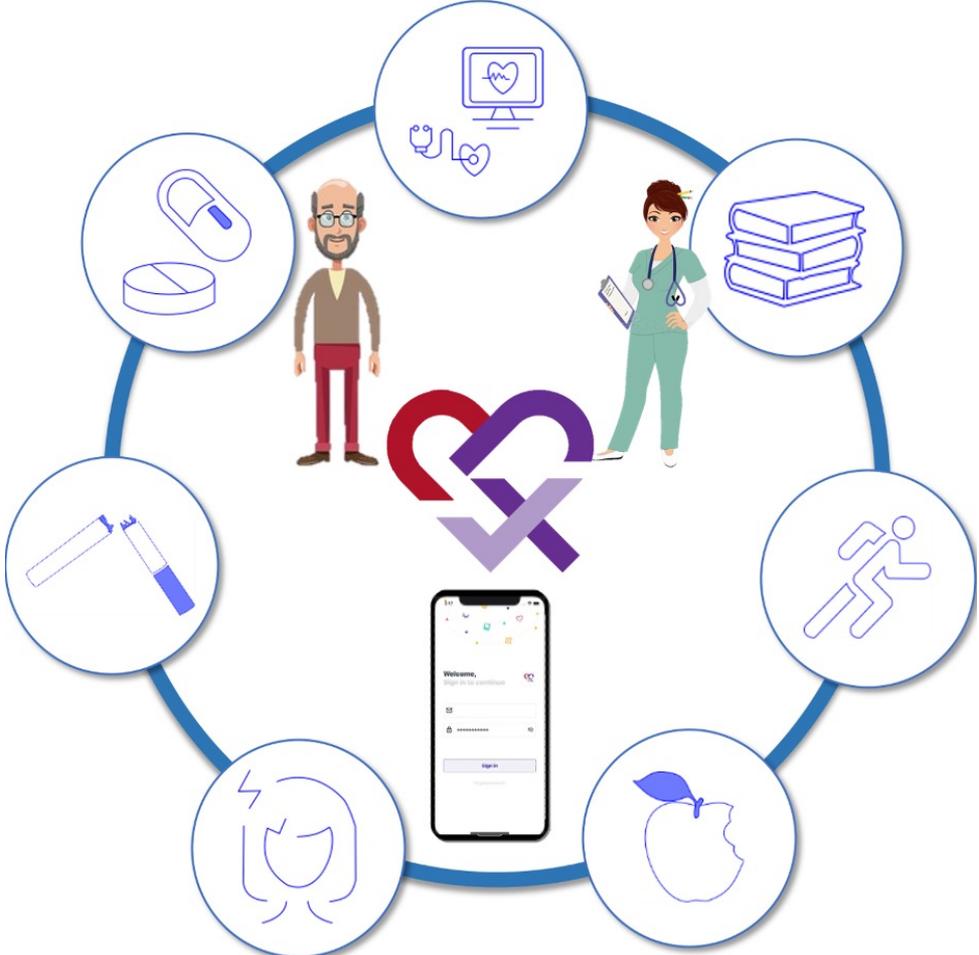
The Personalised Prevention Programme



Trial set-up



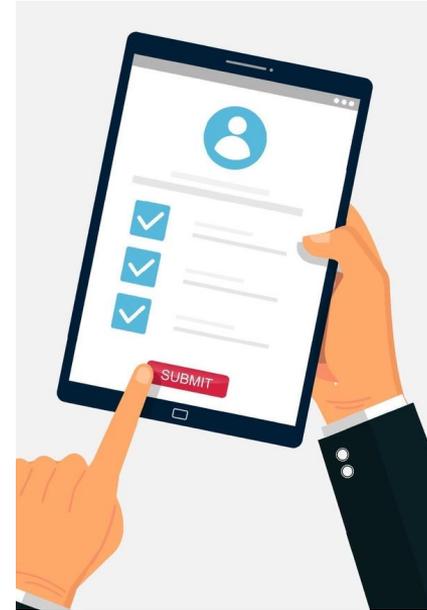
The Personalised Prevention Programme



What does a visit look like?



Waiting room



Tablet application



Case nurse consultation



Motivational interviewing

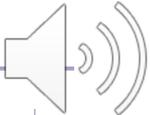
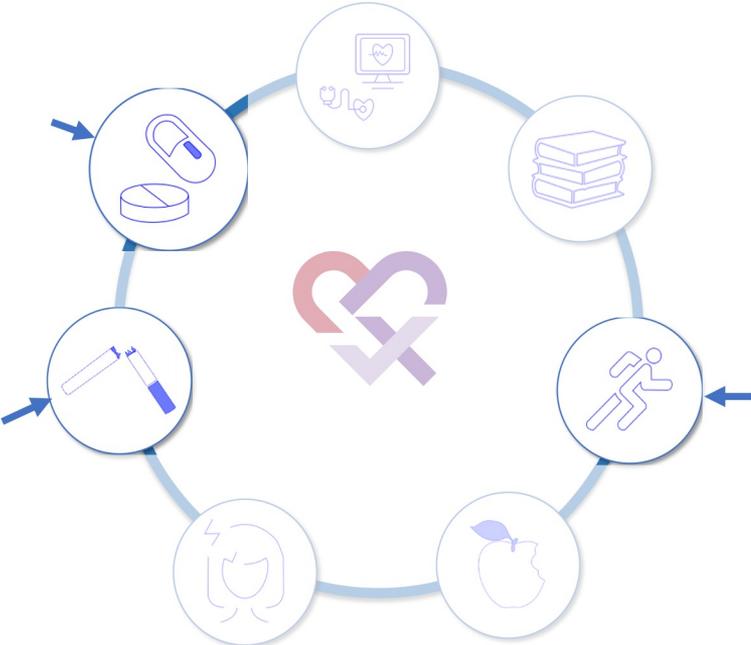
Shared decision-making

Decision support systems

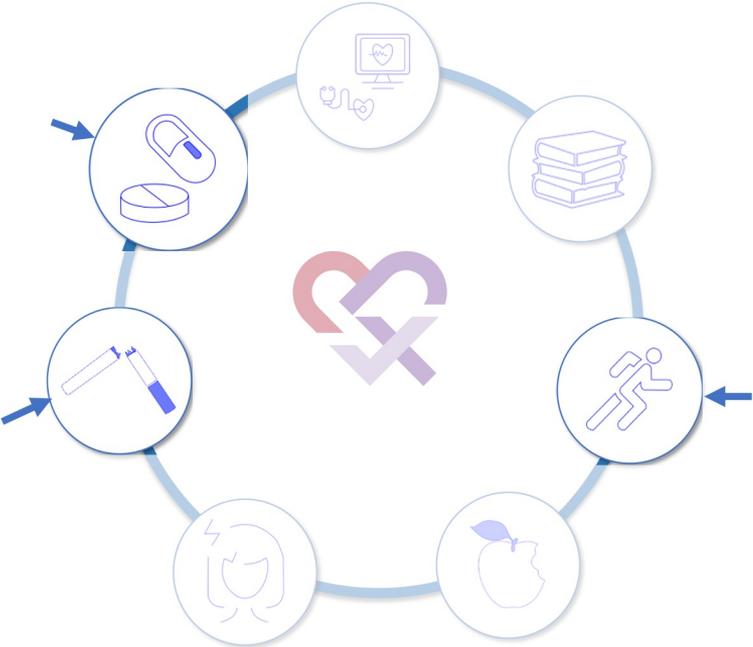


Back at home

Remote intervention for the patient



Remote intervention for the patient





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Trial timeline



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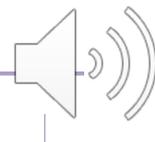
CASE NURSE AND MEDICAL DOCTOR



CASE NURSE VISIT



TELEPHONE CALL



YEAR 1

YEAR 2

YEAR 3



V1

V2
d1

V3
mo2

V4
mo6

V5
mo12

V6
mo18

mo24

mo30

V7
mo36



USUAL CARE



YEAR 1

YEAR 2

YEAR 3



**RISK
ASSESSMENT**

V1



**V2
d1**



**V3
mo2**



**V4
mo6**



**V5
mo12**



**V6
mo18**



mo24



mo30

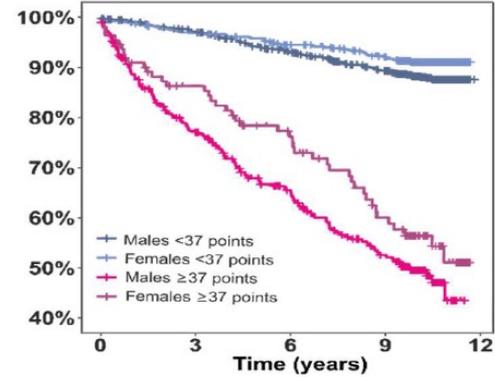
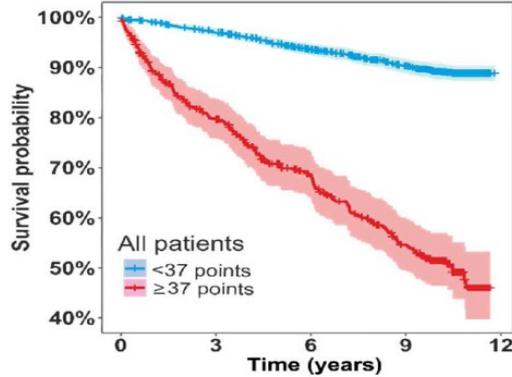
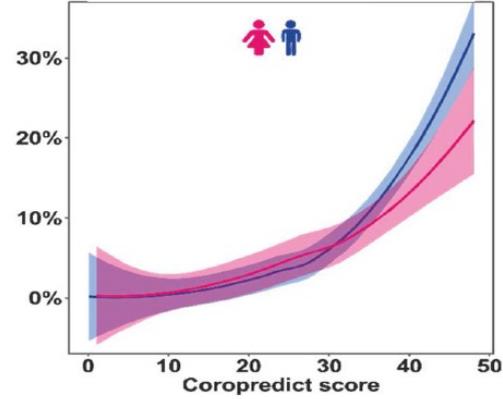
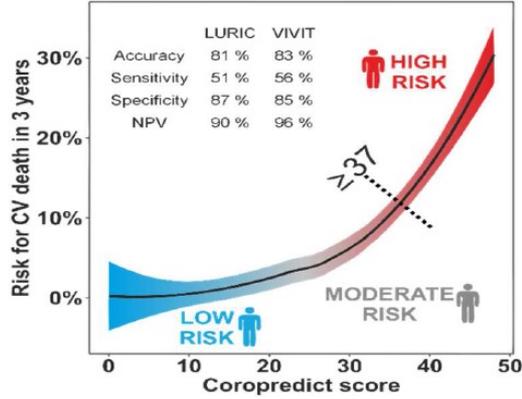


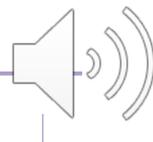
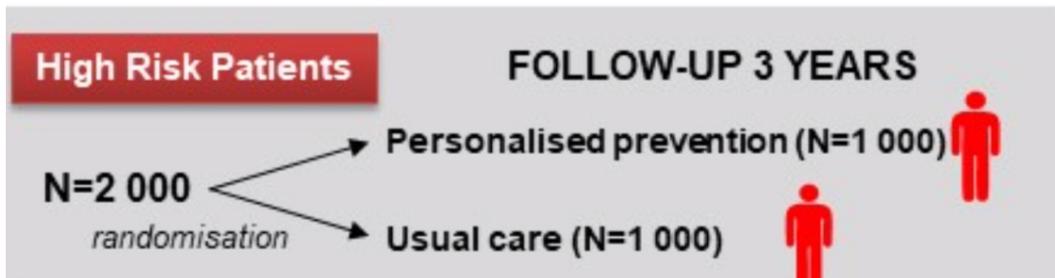
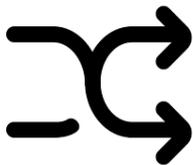
**V7
mo36**

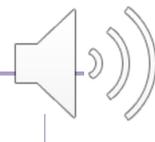
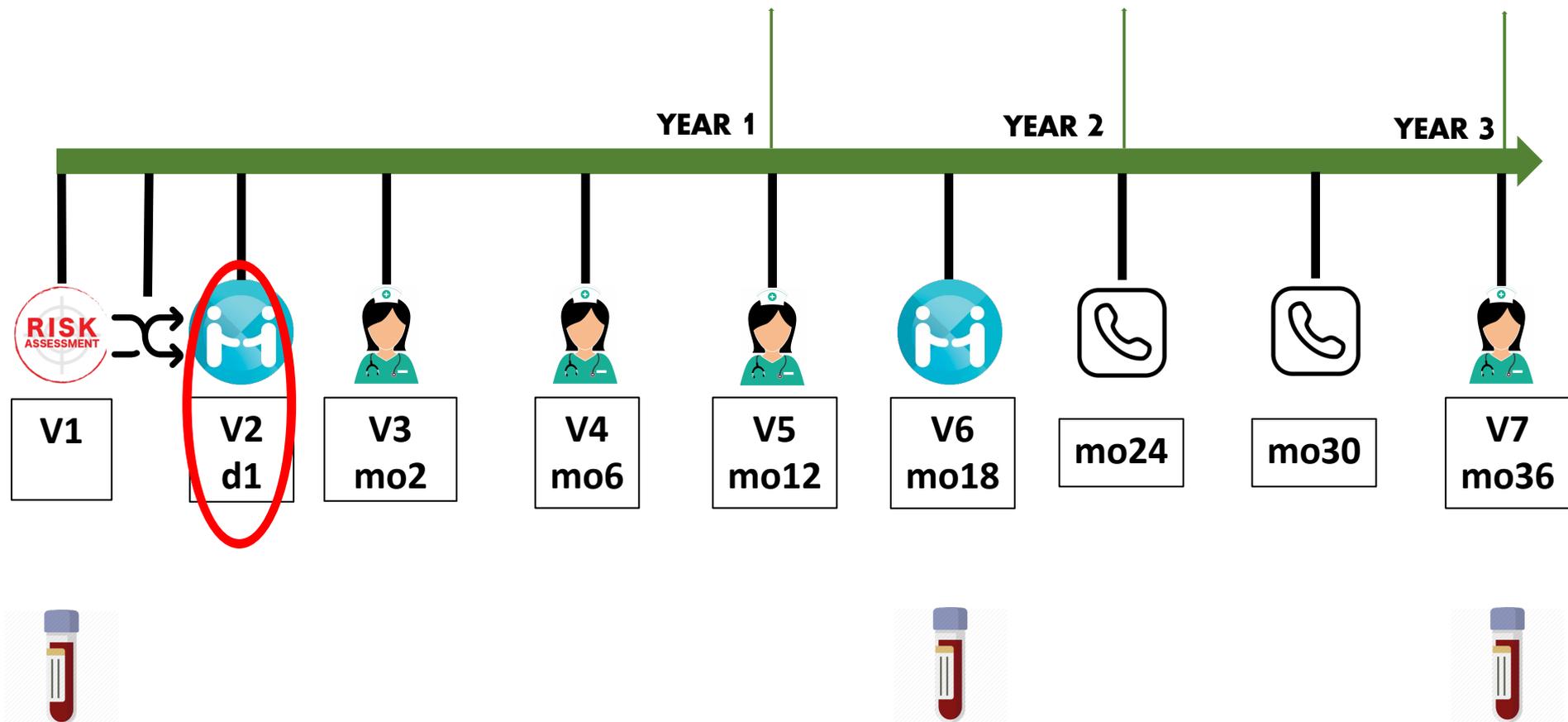


V1

RISK ASSESSMENT







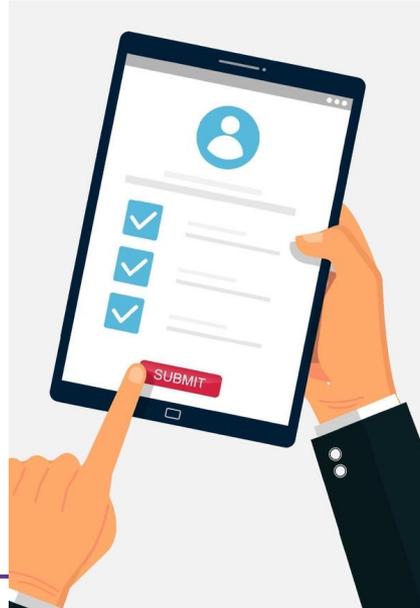
V2 – Day 1



FIRST VISIT WITH CASE NURSE AND MEDICAL DOCTOR



PATIENT PREFERENCES FOR CV RISK REDUCTION GOALS IN WAITING ROOM



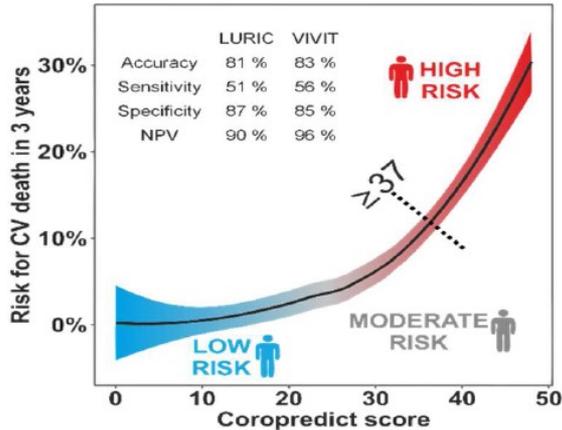
V2 – Day 1



FIRST VISIT WITH CASE NURSE AND MEDICAL DOCTOR



DETERMINATION OF THE GUIDELINE BASED GOALS FOR INDIVIDUAL PATIENTS



V2 – Day 1



FIRST VISIT WITH CASE NURSE AND MEDICAL DOCTOR

3 DETERMINE SHARED GOALS + MOTIVATIONAL INTERVIEWING



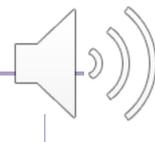
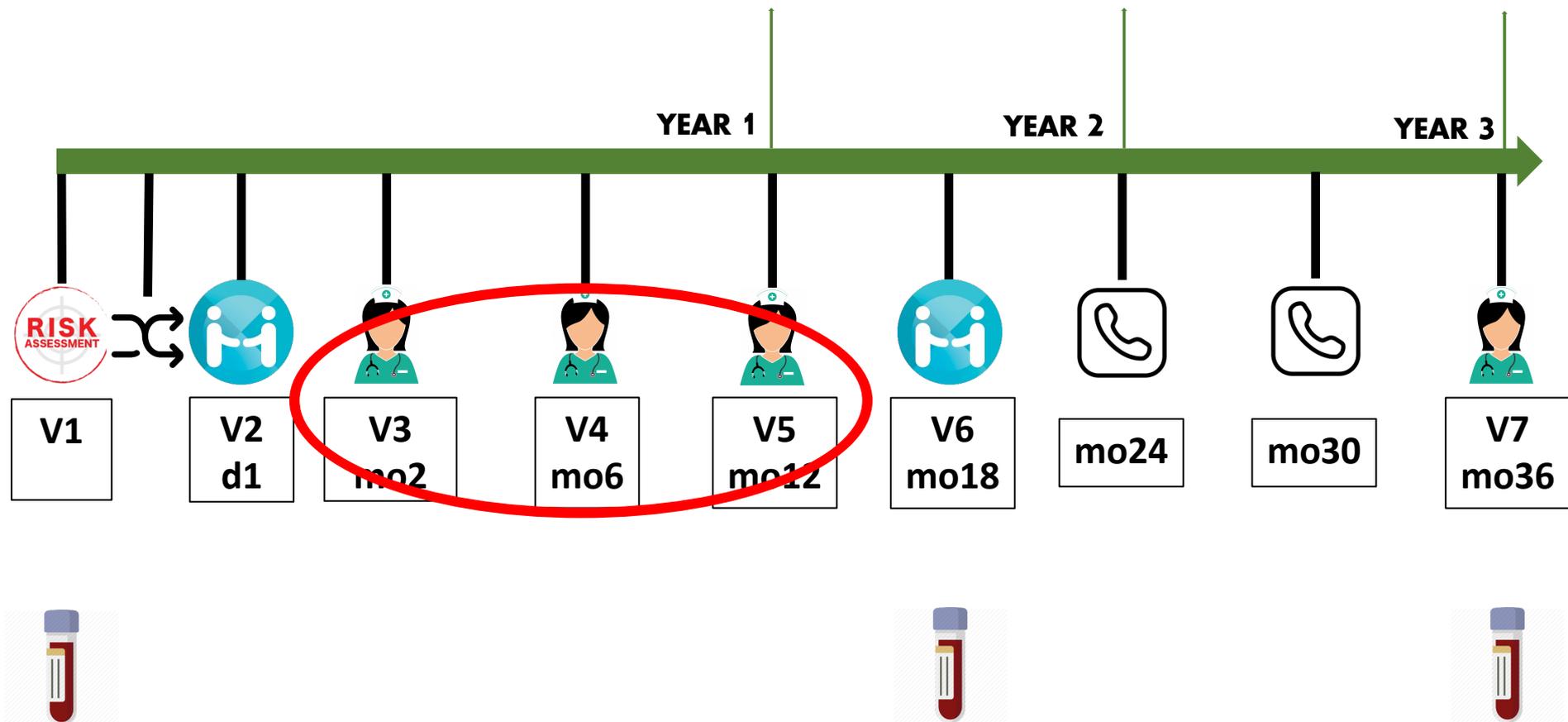
V2 – Day 1



FIRST VISIT WITH CASE NURSE AND MEDICAL DOCTOR

- 4 DISCUSSION OF CV RISK REDUCTION GOALS WITH MD + ALL NEEDED PRESCRIPTIONS**





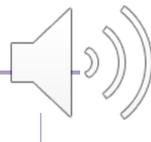
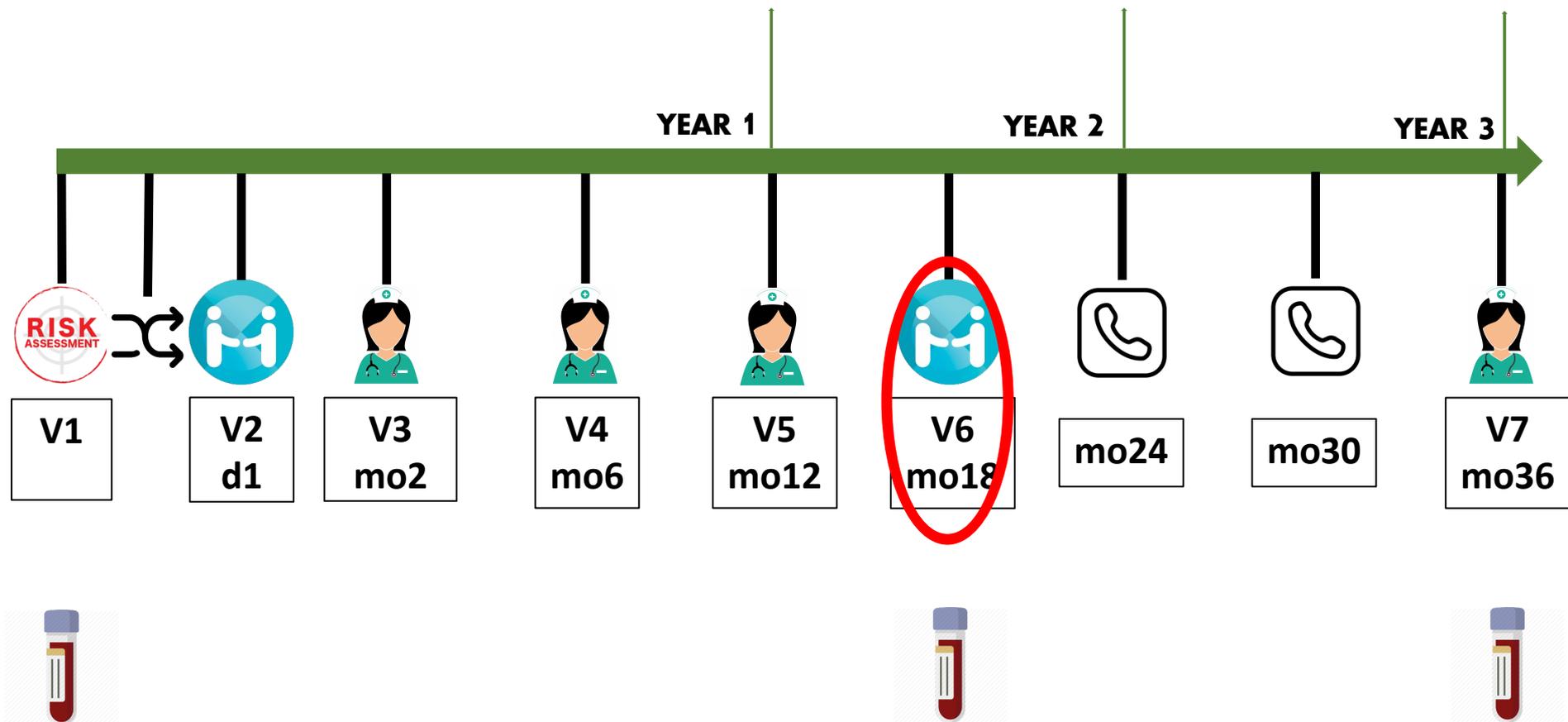
V3-V4-V5



FOLLOWING VISITS WITH CASE NURSE

- **NEW RISK ASSESSMENT**
- **DISCUSSION OF EVOLUTION**
- **DISCUSSING BARRIERS AND DISCUSS SOLUTIONS**
- **CHOOSING NEW TARGETS OR NEW GOALS**
- **RENEWING NEEDED PRESCRIPTIONS**





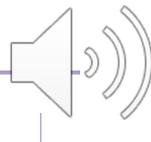
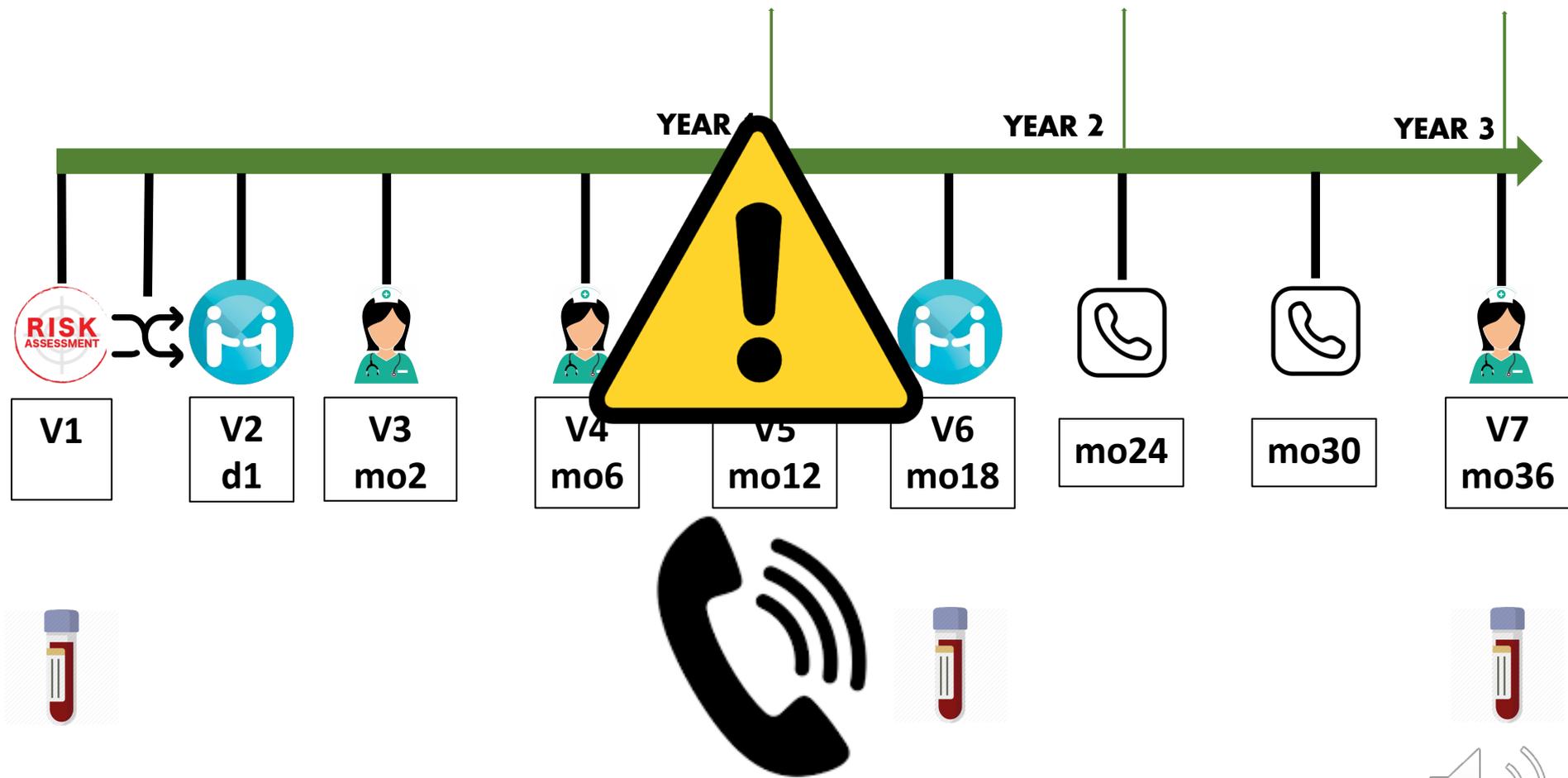
V6

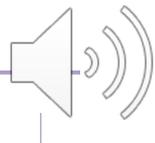
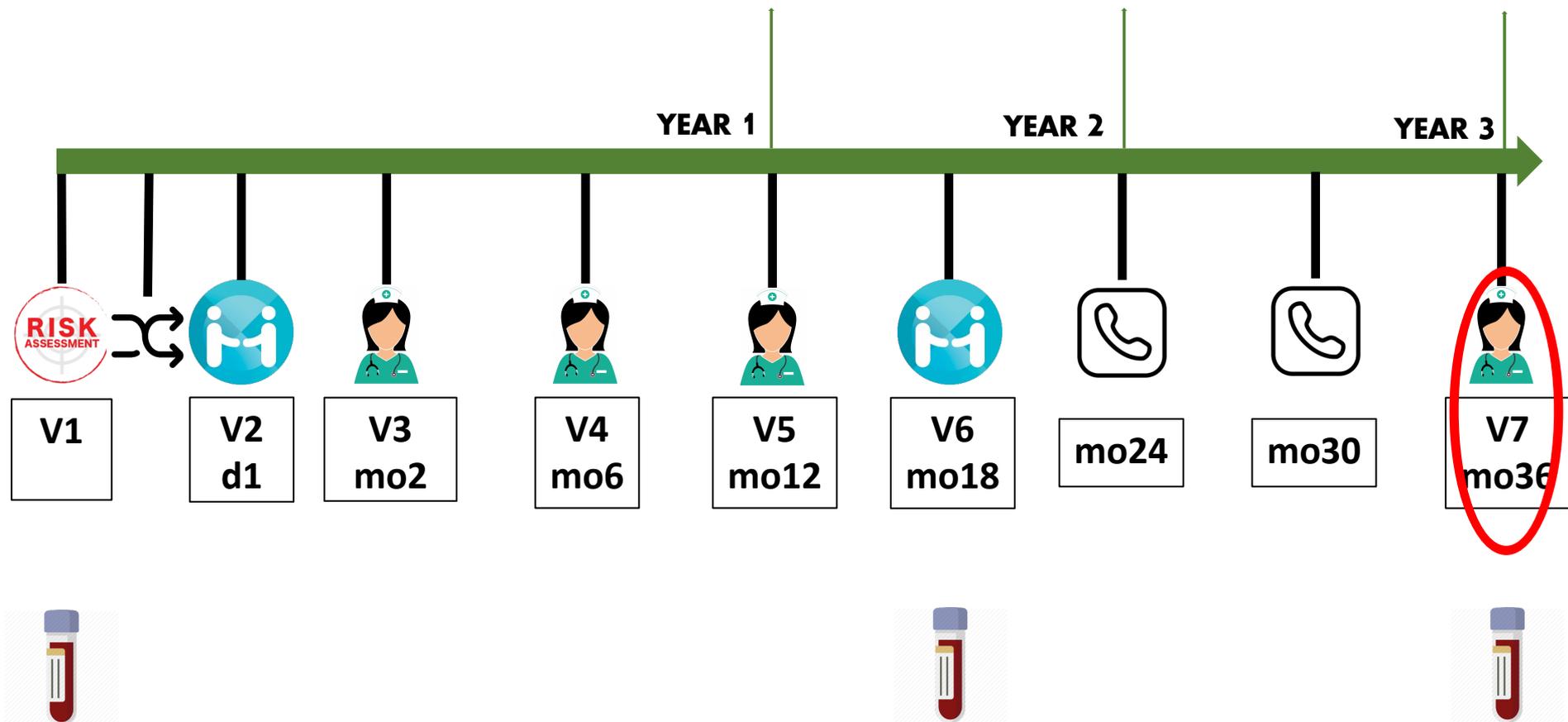


SECOND VISIT WITH CASE NURSE AND MEDICAL DOCTOR

- **NEW RISK ASSESSMENT**
- **DISCUSSION OF EVOLUTION**
- **DISCUSSING BARRIERS AND DISCUSS SOLUTIONS**
- **CHOOSING NEW TARGETS OR NEW GOALS**







V7



FINAL ENCOUNTER

- **CURRENT STATUS**
- **FUTURE GOALS**
- **REFLECTION ON OVERALL PROGRESS**



YEAR 1

YEAR 2

YEAR 3



V1

V2
d1

V3
mo2

V4
mo6

V5
mo12

V6
mo18

mo24

mo30

V7
mo36



USUAL CARE



Good luck!

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