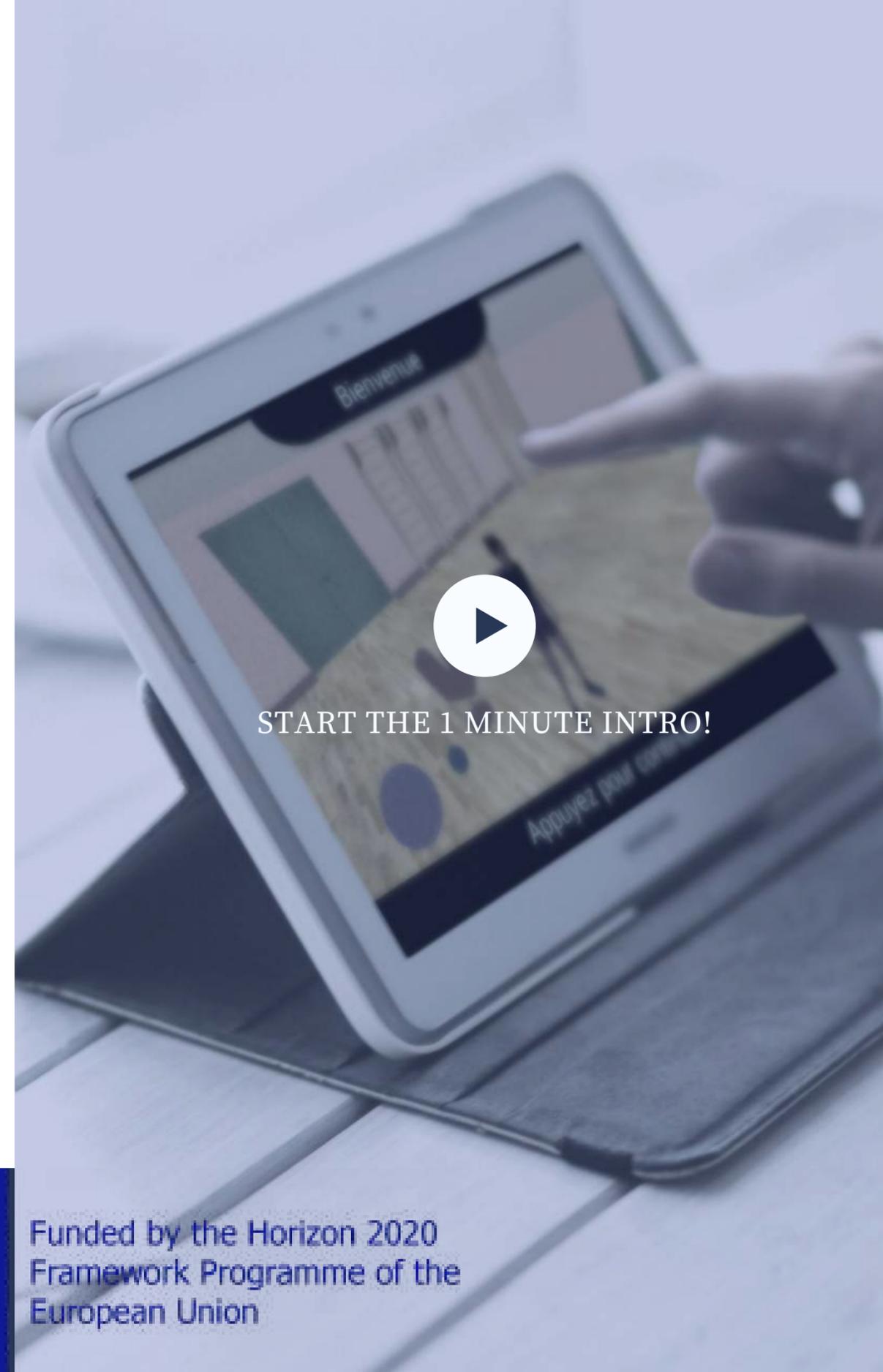


R O S I A

Optimizing healthcare remotely to improve patient's quality of life

Pitch Deck for ROSIA

Jose Cerdan (Founder)



START THE 1 MINUTE INTRO!

AUTHORISED
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THE PROBLEM

Demographic and Societal challenges have meant that there are a higher number of elderly and people suffering from chronic conditions, increased sedentary lifestyle and the scarcity of therapists, calls for drastic changes in the way we manage Our Healthcare.

Increased demand for Physio

- Ageing Population
- Increase in Chronic illness
- Sedentary Lifestyle



99% of patients untreated

- Many patients unaware of illness
- Backlog of patients waiting for Physio



Healthcare costs Increasing

- Increase in resources costs
- Increase in the number of days of treatment needed
- Increase in complexity of cases



Scarcity of Therapists

- The current workforce of healthcare totally inadequate to serve the needs of the population



60% drop out rate

- We're too busy, too tired
- Travel issues
- It's too boring
- Exercise is unfamiliar
- Rearrange your schedule



No data collected on patients

- No biometrics data recorded while exercising
- Level of actual intensity not recorded

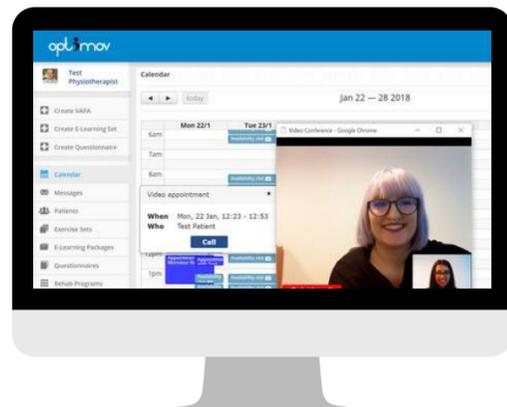


THE SOLUTION

121 cardiopulmonary chronic patients have participated in 4 clinical trials in 3 different hospitals in Scandinavia with high adherence and patient satisfaction. We can reduce the costs based on hospital bed days by €3.6K per patient/year.

OPTIMOV WEB APP

Used to manage the patient from a remote location. Activities include, create specific content (exercise sets, e-learning, questionnaires) Designing a rehab program, monitoring the results, communicate via video & chat sessions with patient.



BIOMETRICS

A range of biometric devices can be added. The pulse and blood oxygen level are measured throughout the activity. We also have plans to make a link to a sleep monitor to better customize the training course for patients.



AR GLASSES

Patients can exercise outdoors followed by the agent who can guide and motivate the patient to combine walking and running with any kind of challenging exercises, enhancing patient independence to move in the urban room and keep physically active.



VATA MOBILE APP

Installed in tablet or AR glasses. Key functions are: interactive list of rehab tasks to perform. VR/AR training scene guided by an agent who tracks user via biometric information to adjust training intensity. Communication channel via video & chat sessions with therapist.



MULTIPLE EXERCISES

Various positions and intensities

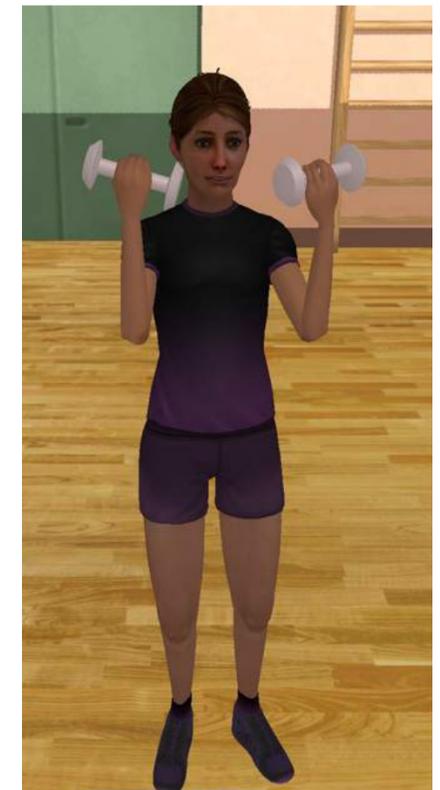
Heart rate



A wide selection of equipment

A female avatar is seated on a chair, leaning back with one arm raised. A UI overlay on the right shows a heart rate of 75 (red bar) and oxygen saturation of 93 (blue bar). Below the bars are the values 72 and 65 for heart rate, and 85 and 80 for oxygen saturation. At the bottom of the overlay, it says 'Points 1802 X2'. In the bottom left corner, a box says 'Temps restant: 13' and a progress bar shows '10%'.

Oxygen saturation



ADAPTABILITY

To different patient's heart rate behaviour and with same exercise set



DISCUSSION: USER JOURNEY

**PROACTIVE
PATIENTS**



**SELF-HELP
PATIENTS**



**FRAGILE
PATIENT**



KIT 1 : VATA APP

KIT 2: VATA APP +O2 RING

**KIT 3: VATA APP
+O2 RING +TABLET**

CONTACT

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Visit Card



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