



HSbooster.eu
Horizon Standardisation Booster

Standardisation in Valuecare Project (H2020)

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VALUE-BASED METHODOLOGY FOR INTEGRATED CARE SUPPORTED BY ICT

- Progressive aging of population
- Higher incidence of chronic diseases
- Rise of technological innovations

HEALTH & SOCIAL CARE NEEDS - sustainability of healthcare systems

From a traditional model of care to... **VALUE-BASED CARE MODELS**



Horizon Standardisation Booster



- ValueCare is an EU-funded project that aims to **quality of life and health outcomes of older people with cognitive impairment, frailty or multiple chronic diseases** by providing comprehensive and personalized value-based integrated (social and health) care supported by a digital solution.
- ValueCare integrated care approach has been implemented in **7 pilots** in different European countries (Croatia, Spain, Greece, Italy, Ireland, Portugal and the Netherlands) , selected according to:

- **geographical coverage;**
- **health care systems/assistance models;**
- **city-based.**



VALENCIA PILOT



- **AIM:** To improve care and quality of life of both frail older adults, and their families by implementing value-based methodologies backed by a digital solution that integrates health and social care and offers a personalized Care Plan for the elderly based on their socio-health outcomes.
- **TARGET POPULATION:** The Valencia pilot is aimed at people over 65 years of age with mild to moderate frailty in seven health centers of the Hospital Clínico-Malvarrosa Department.

240 participants (120 control + 120 intervention):

- Being 65 years of age or older
- Mild or moderate frailty
- No dependency
- No cognitive problems



**VALENCIA
PILOT
(SPAIN)**

IMPLEMENTATION



**Identification
and
screening of
Potential
participants
and controls**



**Informed consent
and randomization
process**



**Baseline
Evaluation**



**Personalized
Care Plan**

240 participants (120 control + 120 intervention):

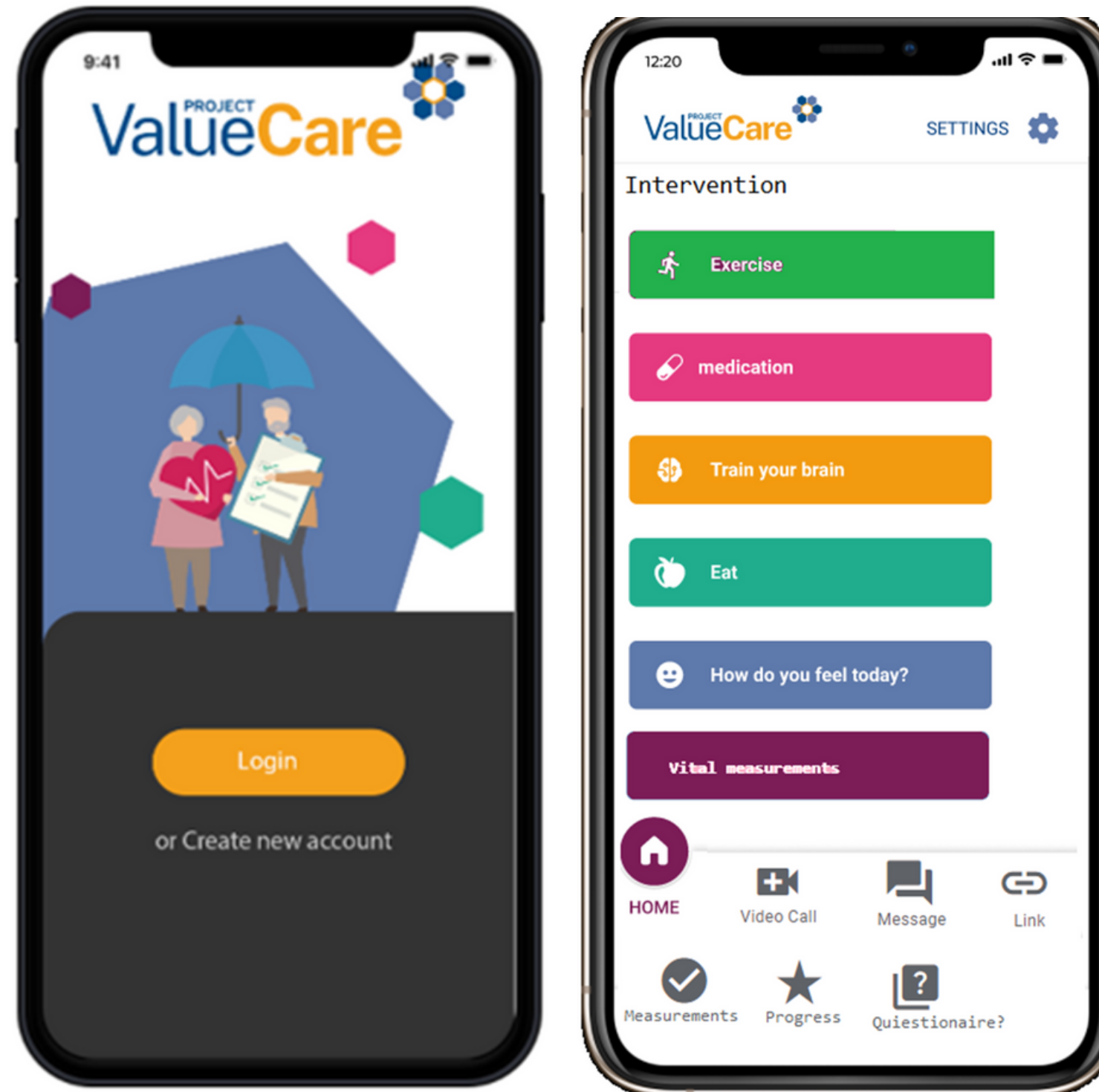
Being 65 years of age or older

Mild or moderate frailty

No dependency

No cognitive problems

DIGITAL SOLUTION



To establish the objectives to be achieved in order to address these needs, they were integrated into ValueCare application, facilitating compliance by the patients while enabling follow-up by professionals.

DIGITAL SOLUTION COMPONENTS:

- Application for end-users
- Dashboard for professionals

CO-CREATION PROCESS

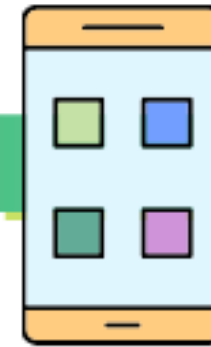
CO-CREATION



- 3 rounds of CO-DESIGN activities with **END-USERS: older people, informal caregivers, health and social professionals and managers.**
- **Activities carried out:** National Seminars, World Café, Focus Groups
- Items adressed:
 1. About the ValueCare concept: **What is Value-based care for them?**
 2. About the ValueCare **Digital Solution:** What should be considered?
 3. **Barriers and concerns** related to the Digital Solution.
 4. Digital solution **usability and readiness** based on the requirements of the end-users.
 5. **Evaluation and exploitation** of Valuebased health care concept improving the approach **from an end-user perspective.**

Valuable Knowledge

CO-CREATION



ValueCare App

- Easy to use, accessible (also for patients with cognitive problems) and user-friendly
- Easy to access / log in
- Big letters and images
- Intuitive icons
- Colourful, stimulating
- Simple, understandable language
- Motivational factor to keep participants engaged
- Reminders needed
- Training and guidelines
- Participation and contribution of the end-user in the elaboration of their Careplan
- Facilitate interaction and communication with health care team



ValueCare Dashboard

- Simple, intuitive, visual, and user-friendly but professional
- Colourful and bigger font size
- National language translation
- Connection between the dashboard, the mobile app and the smartwatch
- Vital parameters to be shown: heart rate, body temperature, blood pressure, nutrition aspect, sedentary behaviour, blood glucose level
- Graphs and tables would be most convenient way to express vital parameters and questionnaire results
- Training and guidelines need to be provided

ROADMAP TOWARDS STANDARDISATION



ROADMAP TOWARDS STANDARDISATION

- **INTERNAL WEBINAR + WORKSHOP IN CM ATHENS:**

1. How the work done in ValueCare Digital Solution can contribute to existing standards?
2. Is ValueCare providing new potential standards?
3. Is the ValueCare Digital solution able to be connected/integrated with other solutions/products?
4. Is the ValueCare Digital Solution following existing standards so far?

- **MEETING WITH UNE: CEN-CENELEC processes & CEN WORKSHOP AGREEMENT (6-8M)**



- **MEETING WITH ICHOM: questionnaires used in pilots' interventions**



ROADMAP TOWARDS STANDARDISATION

- **HSBOOSTER SERVICE**

- **HSBOOSTER ACADEMY:** formative webinars for all the projects within the service, along with instructional documentation.
- Understanding how the team can adopt current standards and best practices at both levels: health, care and technology.
- Understanding how the results of the project could inform or influence existing standardization working groups.
- **D7.5 - Structure for the document** - guideline for collecting meaningful content that could be shared with SDO WGs.
- Understanding that any **difficulties and practicalities of adopting a standard is more than welcome by the WGs.**

ROADMAP TOWARDS STANDARDISATION

- **HSBOOSTER SERVICE**

- The service has been instrumental in guiding the initial phases of the project deliverable and knowledge regarding results standardization.
- The support received from the expert has been outstanding. Right from the beginning, he has been attentive, meeting expectations in our interactions and facilitating collaborative work.
- Project dissemination, fostering synergies and enhance awareness among R&D projects and people.



THANKS!

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