

***ENHANCING CONTINUITY OF CARE IN
NEUROPSYCHOLOGICAL REHABILITATION
AND ELDERLY CARE WITH VIRTUAL ASSISTANT***

Innovative platform for the development and
adoption of reliable AI-based solutions for healthcare



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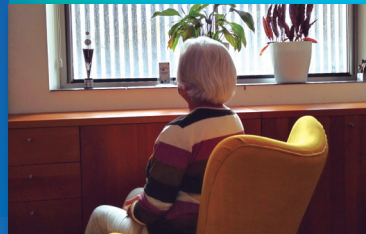
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THE STARTING PROBLEM



31% of older people live alone or isolated facing a double threat: living alone and subjective loneliness experienced as a set of negative feelings, with serious repercussions on their health.

PILOT SOLUTION

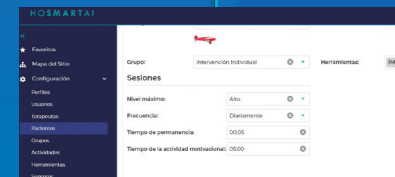


This new service offers a comprehensive and complementary tool for intervention in assistive care, by providing motivational content, rehabilitation and maintenance exercises, while screening and preventing cognitive and physical deterioration, adapting itself to the individual therapeutic plan.



The healthcare professional registers the patient in a management web page and provides this patient a mobile app and a smartwatch.

1

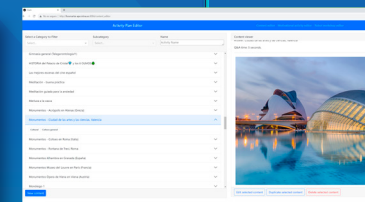


The management web page holds the patient's information and it is connected to a cognitive and physical training app, a motivational content catalogue and the smartwatch that will collect basic physiologic information.

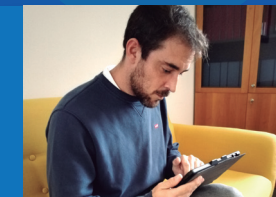


The patient receives personalised sequence plans and access to a catalogue that includes cognitive, physical and psychosocial exercises.

2

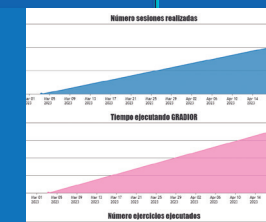


The motivational content is uploaded in a repository that includes a great variety of activities provided by the healthcare professional and other people that are given access.



During and after performing these exercises, the healthcare professional receives data and easily checks any alert that pops-up (physiological, cognitive/physical state, mood screening and motivation with activities).

3



The collected data is being processed and then shown in the management web page.

RESULTS AND IMPROVEMENTS



The system provides remote and therapeutic intervention modalities with low intensity monitoring for the independence, functional capacity, health status, as well as the preservation and improvement of physical, cognitive, psychological and social well-being.