

Virtual Coaching Round Table 2017

Greetings and Introduction

vCare
Virtual Coaching Activities
for Rehabilitation in Elderly



Funded by the European Union's
Horizon 2020 Research and Innovation
Programme under the Grant Agreement
No. 769807



helict
information systems experts

Dresden, 7. September 2017



- 17% of people in the European Union has a disability
- Over 33% of people older than 75 have disabilities
- The **most common cause of disability is not accidents or work-place injuries but diseases.** Acute disease episodes like stroke, neurodegenerative diseases, heart attack or diabetes cause the majority of long-term disabilities.



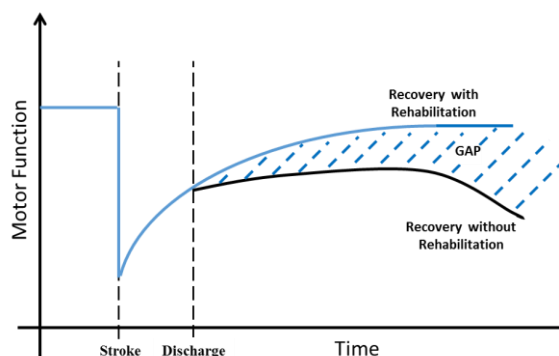
Beside the medical treatment, **a continuously applied and personalized rehabilitation helps people with disabilities** whose functions are limited **to remain in or return to their home or community, live independently, and participate in education, the labour market and civic life.**

(U.S. Department of Health and Human Services 2014).

- Often the continuity of the **rehabilitation process interrupts** with the transition to the home environment.



Beispiel: Erholung nach einem Schlaganfall



Modified from
Langhorne, Bernhardt,
and Kwakkel 2011

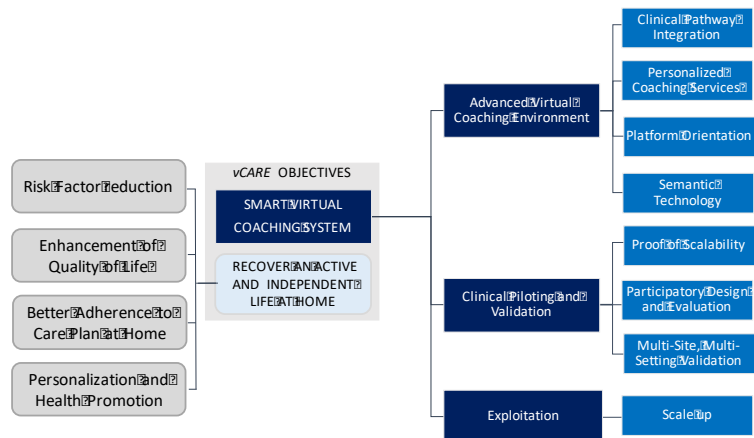
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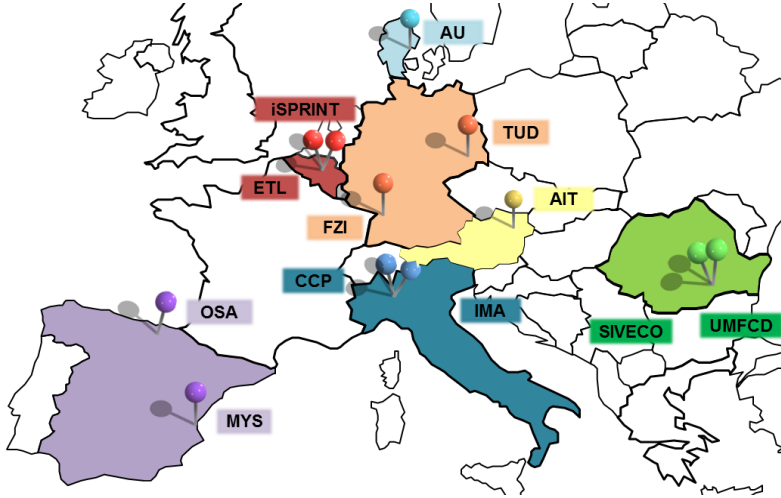
Virtual Coaching for the Elderly

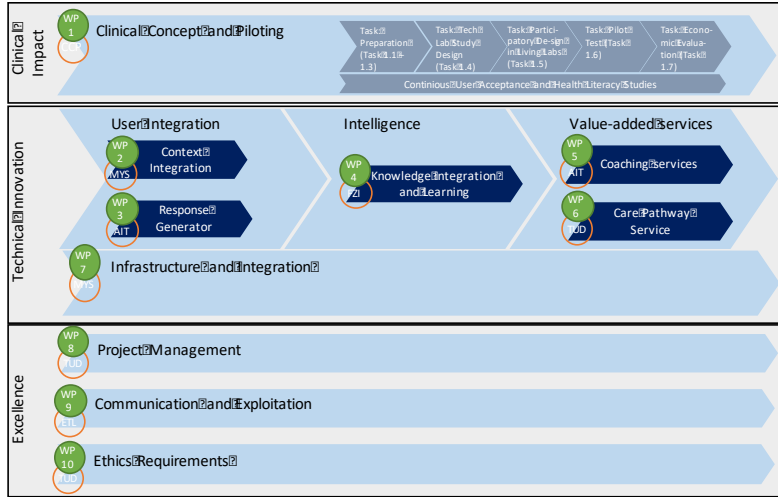
Call: H2020-SC1-PM15-2015: Personalised coaching for well-being and care of people as they age

The project aims to provide a **smart solution** grounded on an intelligent ICT environment, which is **highly adapted to personalized coaching activities in accordance with the clinical pathway** of the patients and the **context information**.

Starting from a clinical baseline, the Virtual Coach **will be able to personalize and adapt goals according to the progress achieved in the impairments/disabilities recovery**.



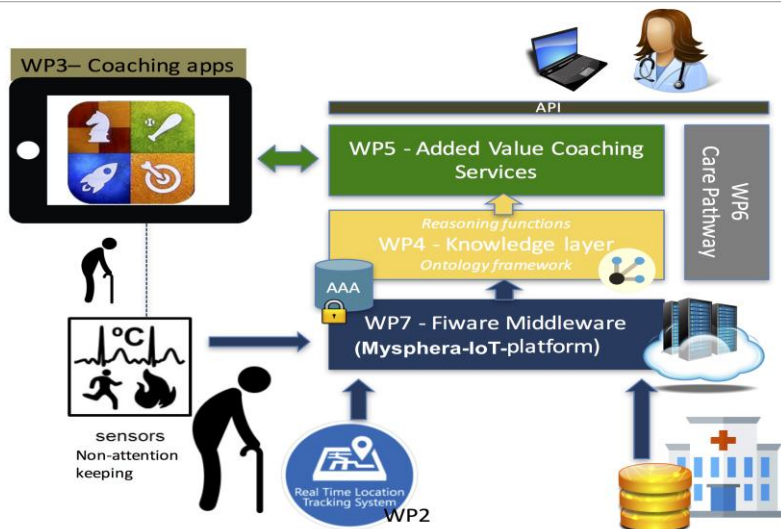




Legend: ○ WP Number

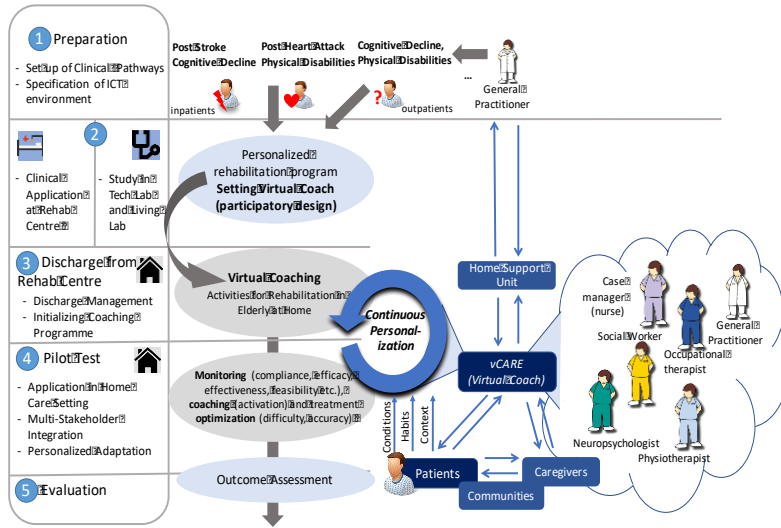
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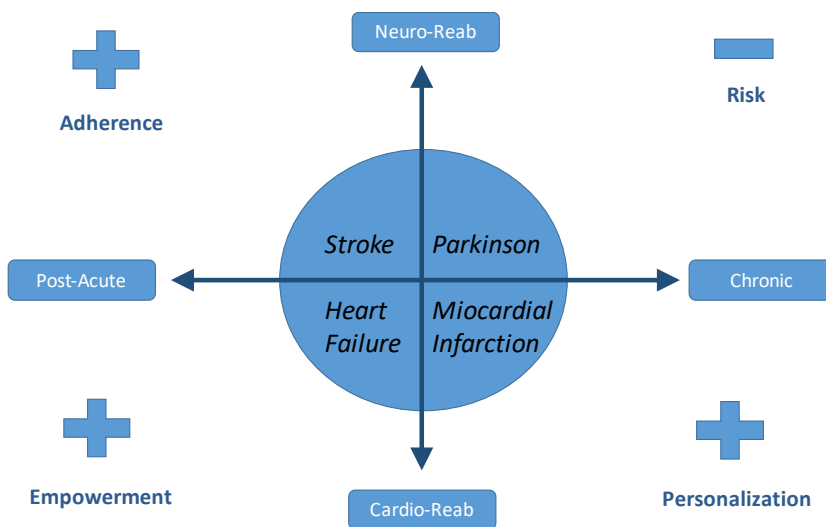
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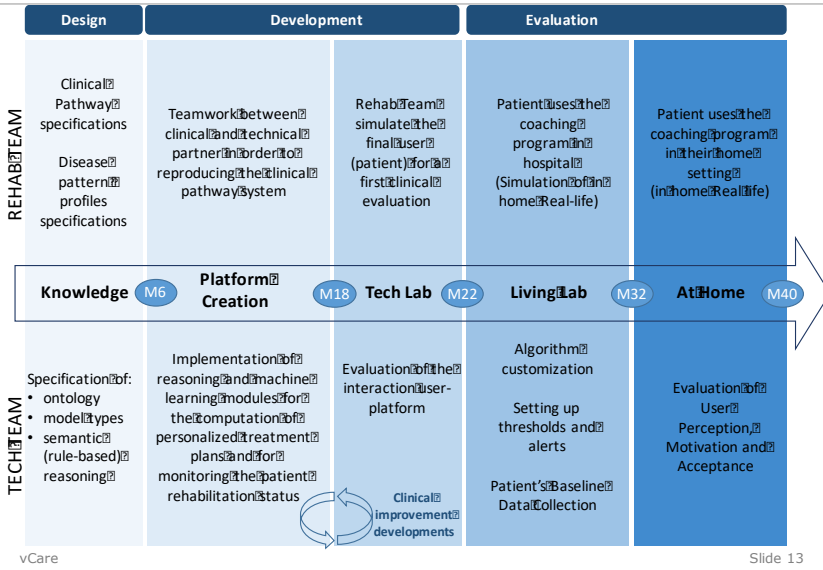
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Slide 12



...Erfahrungen aus der Praxis...