

## vCare

**Project ID:** 769807

**Funded under:** [H2020-EU.3.1.4. - Active ageing and self-management of health](#)

## Virtual Coaching Activities for Rehabilitation in Elderly

**From** 2017-09-01 **to** 2021-08-31, ongoing project

### Project details

<b>Total cost:</b> EUR 4 044 217,05	<b>Topic(s):</b> <a href="#">SC1-PM-15-2017 - Personalised coaching for well-being and care of people as they age</a>
<b>EU contribution:</b> EUR 4 044 217,05	<b>Call for proposal:</b> <a href="#">H2020-SC1-2017-CNECT-1</a> <a href="#">See other projects for this call</a>
<b>Coordinated in:</b> Germany	<b>Funding scheme:</b> RIA - Research and Innovation action

### Objective

One out of six people in the European Union has a disability, usually caused by an acute episode or a chronic disease. Providing a suitable rehabilitation is the main issue for people as they age as it helps people to live independently and enhance their Quality of Life. However, as the rehabilitation period usually last some months, the continuity of care often is interrupted in the transition from the hospital to the home. Virtual Coaches can help these patients to proceed with a personalized rehabilitation that complies to age-related conditions, as the key technology for empowering patients through the enhancement of the adherence to the care plan and the risk prevention. The project “vCare” (Virtual Coaching Activities for Rehabilitation in Elderly) addresses two major shortcomings of the status quo: a participatory design driven by users’ needs and the personalization of the care pathways enabled by technology. In fact that rehabilitation is an ideal setting as “users” (physicians and patients) interact together for a “long” period into the clinic (from two weeks to two months): this is a good opportunity to embed into the knowledge of the system the clinical profiles and the pathways that will drive the behaviour of the virtual coach at home. Well-elaborated services for tele-rehabilitation of former EU projects, such as eWall or Miraculus Life, will be adapted. Therefore, the system will integrate a semantic layer (universAAL) including a reasoning engine that merges all patient-related and context information together. The advanced services of vCare will be deployed on a reference platform of MYSPHERA (FIWARE-based) and implemented in four reference sites, dealing with commonly impacted domains (neurological and cardiological). The results of vCare shall stimulate the European Healthcare & ICT sector for innovations in the field of integrated care. In sum, vCare will contribute to the EU goal to increase healthy life years of Europeans by two until 2020.

## Coordinator

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TECHNISCHE UNIVERSITAET DRESDEN  
HELMHOLTZSTRASSE 10  
01069 DRESDEN  
Germany

Germany

**EU contribution:** EUR 495 375

**Activity type:** Higher or Secondary Education Establishments

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## Participants

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CASA DI CURA PRIVATA DEL POLICLINICO SPA  
VIA DEZZA 48  
20144 MILANO  
Italy

Italy

**EU contribution:** EUR 384 475

**Activity type:** Private for-profit entities (excluding Higher or Secondary Education Establishments)

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**EU contribution:** EUR 489 315

**Activity type:** Research Organisations

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**EU contribution:** EUR 602 077,50

**Activity type:** Research Organisations

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TSB REAL TIME LOCATION SYSTEMS SL  
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**EU contribution:** EUR 388 937,81

**Activity type:** Private for-profit entities (excluding Higher or Secondary Education Establishments)

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**EU contribution:** EUR 245 835,09

**Activity type:** Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

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Italy

**EU contribution:** EUR 233 437,50

**Activity type:** Private for-profit entities (excluding Higher or Secondary Education Establishments)

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**EU contribution:** EUR 276 250

**Activity type:** Private for-profit entities (excluding Higher or Secondary Education Establishments)

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**EU contribution:** EUR 160 666,25

**Activity type:** Higher or Secondary Education Establishments

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**EU contribution:** EUR 341 562,50

**Activity type:** Higher or Secondary Education Establishments

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INNOVATION SPRINT  
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**EU contribution:** EUR 213 160,40

**Activity type:** Private for-profit entities (excluding Higher or Secondary Education Establishments)

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EUROPEAN HEALTH TELEMATICS ASSOCIATION  
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**EU contribution:** EUR 213 125

**Activity type:** Research Organisations

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