Support, Monitoring and Reminder Technology for Mild Dementia

**Fact Sheet**

**Project Information**

<table>
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<tr>
<th>SMART4MD</th>
<th>Funded under</th>
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<tbody>
<tr>
<td>Grant agreement ID: 643399</td>
<td>H2020-EU.3.1.6.</td>
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Project website [🔗](#)

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<th>Start date</th>
<th>End date</th>
<th>Overall budget</th>
<th>EU contribution</th>
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<td>1 April 2015</td>
<td>30 November 2019</td>
<td>€ 3 834 554,92</td>
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**Coordinated by**

ANGLIA RUSKIN UNIVERSITY
HIGHKER EDUCATION CORPORATION
United Kingdom

**Objective**

As Europe’s population is ageing, long-term care for elderly citizens will become an increasing cost for society. To manage this transition healthcare policies in the EU and individual Member States are heavily focussed on extending the independent life of the elderly, with the dual aim of increasing their quality of life and reducing the costs of care. Dementia affects more than 6% of people aged 60+ and has a devastating effect on their independence – to date, there is no proven intervention to help dementia patients live a fulfilling life for longer.

In this project we will build on an innovative patient support tool to develop a mHealth application that is specifically targeted to patients with mild dementia. The tool will help patients to adhere to their treatment and share data with their carers and
doctors; carers will use the same application to monitor patients more easily and share their own well-being with doctors. This will slow the patients’ cognitive and functional decline, avoid carers getting exhausted and reduce costs of emergency care.

Our project will comprise two phases: first we will use digital accessibility tools to redesign the existing application for dementia patients. The development will be steered by patients, carers and doctors, through user-centric design: we will collect feedback on each new version of the application until the design is perfectly adapted to the users’ needs. In the second phase we will pilot the optimised application with 1,100 users (patients + carers) and 1,100 controls. This will show the clinical and social benefits for patients and carers, as well as financial benefits for the healthcare system.

Successful delivery of the pilot will increase patients’ adherence to treatment (10 % points), while improving the quality of life of carers and patients. It will save healthcare providers €1,818 / patient / year in care costs and will generate revenue of over €18 million / year for the consortium (Year 5).

Programme(s)

Topic(s)

Call for proposal

H2020-PHC-2014-single-stage

Funding Scheme

IA - Innovation action

Coordinator

ANGLIA RUSKIN UNIVERSITY HIGHER EDUCATION CORPORATION

Address
Bishop Hall Lane
CM1 1SQ Chelmsford
United Kingdom

Activity type
Higher or Secondary Education Establishments

EU contribution
€ 537 265

Website Contact the organisation
### ALZHEIMER EUROPE

**Luxembourg**

**EU contribution**

€ 67,620

**Address**

Rue Dicks 14
1417 Luxembourg

**Activity type**

Other

**Website**

Contact the organisation

### ATHENA I.C.T. LTD

**Israel**

**EU contribution**

€ 115,150

**Address**

Nahal Dolev St. 48
9962140 Beit Shemesh

**Activity type**

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Contact the organisation

### HANDLE MY HEALTH LIMITED

**United Kingdom**

**EU contribution**

€ 0

**Address**

Lower Court 3 Copley Hill
Innovation Park
CB22 3GN Cambridge

**Activity type**

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Contact the organisation

### UNIVERSIDAD POLITECNICA DE MADRID

**Spain**

**EU contribution**

€ 207,875

**Address**

Calle Ramiro De Maeztu 7

**Activity type**

Higher or Secondary
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<td>BLEKINGE TEKNISKA HOGSKOLA</td>
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<td>Campus Grasvik, 371 79 Karlskrona</td>
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<td>HEALTHBIT LTD</td>
<td>United Kingdom</td>
<td>€ 291 787,13</td>
<td>Kajaine House 57 - 67 High Street</td>
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Last update: 6 December 2020