

# An evaluation of the ADAPT Assistive Technology (AT) Training Programme for health and social care professionals and students

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| <b>Submission date</b><br>10/08/2021   | <b>Recruitment status</b><br>No longer recruiting | <input type="checkbox"/> Prospectively registered<br><input checked="" type="checkbox"/> Protocol |
| <b>Registration date</b><br>01/09/2021 | <b>Overall study status</b><br>Completed          | <input type="checkbox"/> Statistical analysis plan<br><input checked="" type="checkbox"/> Results |
| <b>Last Edited</b><br>12/12/2023       | <b>Condition category</b><br>Other                | <input type="checkbox"/> Individual participant data  |

## Plain English summary of protocol

### Background and study aims

Long-term disabilities often result in a loss of autonomy and a breakdown of social interaction, and therefore there is a demand for devices that ensure individuals feel enabled to live independently for as long as possible. Assistive Technology (AT) is therefore an increasingly important aspect of many fields of health and care practice. Several studies highlight challenges and barriers regarding the adoption and usage of AT, and evidence suggests that adequate support, training and education are vital, however, substantial barriers to education exist. The study aims to evaluate the ADAPT AT training programme developed as part of the Interreg funded ADAPT project

### Who can participate?

Health and social care professionals and students who have undertaken the ADAPT AT Training programme (i.e. those who use AT, will do so in the future or have an interest in its practical application)

### What does the study involve?

Completing a questionnaire following completion of each training unit within the programme and a further questionnaire 6 months later

### What are the possible benefits and risks of participating?

Benefits of the training programme include enhanced knowledge and understanding in the area of AT and related issues for studies/careers and evidence of completion of training for CPD (Continuing Professional Development). Benefits of participating in the evaluation study include enhanced knowledge of academic research, contribution to a research study that will benefit the healthcare professional population as a whole, as well as enhanced future AT training where there is currently a gap identified in terms of provision. There are no foreseen risks in this element of the ADAPT Project

### Where is the study run from?

Canterbury Christ Church University (UK)

When is the study starting and how long is it expected to run for?  
November 2016 to December 2022

Who is funding the study?  
Interreg VA France (Channel) England (FCE) 2014-202 Programme

Who is the main contact?  
Prof Eleni Hatzidimitriadou, eleni.hatzidimitriadou@canterbury.ac.uk

## Contact information

**Type(s)**  
Scientific

**Contact name**  
Prof Eleni Hatzidimitriadou

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## Additional identifiers

**Integrated Research Application System (IRAS)**  
262502

**Central Portfolio Management System (CPMS)**  
49337

## Study information

**Scientific Title**  
Evaluation Study of the online ADAPT Assistive Technology (AT) Training Programme

**Acronym**  
ADAPT

**Study objectives**

The evaluation aims to assess learner knowledge, skills, attitudes, confidence and commitment, as well capturing as any behaviour changes or results as a consequence of undertaking the ADAPT AT training

### **Ethics approval required**

Old ethics approval format

### **Ethics approval(s)**

Approved 01/10/2019, NHS Health Research Authority (Health Research Authority, Skipton House, 80 London Road, London, SE1 6LH, UK; +44 (0)20 7972 2545; hra.approval@nhs.net), ref: 19/HRA/4890

### **Study design**

Interventional non randomized trial

### **Primary study design**

Interventional

### **Study type(s)**

Other

### **Health condition(s) or problem(s) studied**

Health Services Research

### **Interventions**

An online questionnaire hosted via Online Surveys has been developed by the CCCU research team.

Participants will be invited to complete the questionnaire at the end of each training unit they undertake. A link will take them to BOS where they can read the Participant Information Sheet, provide their agreement/consent to participate and answer the questions.

The questionnaire is self-completed and includes basic background data (profession, years of practice, level of AT use) and a series of questions around learners' experiences and views of the training materials, as well as feedback on content and use of the online training platform. The questionnaire is anonymous and will take approximately 15 minutes to complete.

### **Intervention Type**

Behavioural

### **Primary outcome(s)**

1. Learner knowledge is measured using a bespoke questionnaire based on Kirkpatrick's (2016) four levels of training evaluation post training and at 6 months
2. Learner skills are measured using a bespoke questionnaire based on Kirkpatrick's (2016) four levels of training evaluation post training and at 6 months
3. Learner attitudes are measured using a bespoke questionnaire based on Kirkpatrick's (2016) four levels of training evaluation post training and at 6 months
4. Learner confidence is measured using a bespoke questionnaire based on Kirkpatrick's (2016) four levels of training evaluation post training and at 6 months
5. Learner commitment is measured using a bespoke questionnaire based on Kirkpatrick's (2016) four levels of training evaluation post training and at 6 months

6. Learner behaviour changes are measured using a bespoke questionnaire based on Kirkpatrick's (2016) four levels of training evaluation post training and at 6 months

**Key secondary outcome(s)**

There are no secondary outcome measures

**Completion date**

31/12/2022

## **Eligibility**

**Key inclusion criteria**

Health and social care professionals and students who have undertaken the ADAPT Assistive Technology (AT) Training

**Participant type(s)**

Health professional

**Healthy volunteers allowed**

No

**Age group**

Adult

**Sex**

All

**Total final enrolment**

544

**Key exclusion criteria**

Individuals who have not undertaken the ADAPT Assistive Technology (AT) Training

**Date of first enrolment**

01/10/2019

**Date of final enrolment**

31/12/2022

## **Locations**

**Countries of recruitment**

United Kingdom

England

**Study participating centre**

**Canterbury Christ Church University**  
Faculty of Medicine, Health and Social Care  
North Holmes Road  
Canterbury  
United Kingdom  
CT1 1QU

**Study participating centre**  
**Kent and Canterbury Hospital**  
East Kent Hospitals University NHS Foundation Trust  
Ethelbert Road  
Canterbury  
United Kingdom  
CT1 3NG

**Study participating centre**  
**Royal Cornwall Hospital**  
Cornwall Mobility  
Penventinnie Lane  
Truro  
United Kingdom  
TR1 3LJ

**Study participating centre**  
**University of Kent**  
Giles Lane  
Canterbury  
United Kingdom  
CT2 7NZ

**Study participating centre**  
**University College London**  
Gower Street  
London  
United Kingdom  
WC1E 6BT

## **Sponsor information**

**Organisation**

Canterbury Christ Church University

**ROR**

<https://ror.org/0489ggv38>

## Funder(s)

**Funder type**

Government

**Funder Name**

European Commission

**Alternative Name(s)**

European Union, Comisión Europea, Europäische Kommission, EU-Kommissionen, Euroopa Komisjoni, EC, EU

**Funding Body Type**

Government organisation

**Funding Body Subtype**

National government

**Location**

## Results and Publications

**Individual participant data (IPD) sharing plan**

The datasets generated during and/or analysed during the current study will be stored in a non-publicly available repository.

**IPD sharing plan summary**

Stored in non-publicly available repository

**Study outputs**

| Output type                                   | Details   | Date created | Date added | Peer reviewed? | Patient-facing? |
|---|-----------|--------------|------------|----------------|-----------------|
| <a href="#">Funder report results</a>         |           | 30/11/2023   | 12/12/2023 | No             | No              |
| <a href="#">Participant information sheet</a> | version 3 | 05/11/2019   | 31/08/2021 | No             | Yes             |
| <a href="#">Protocol file</a>                 | version 2 | 07/11/2019   | 31/08/2021 | No             | No              |