

# Automated Check-in Data Collection (AC DC) Study

|                                        |                                                   |                                                                                                   |
|----------------------------------------|---------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <b>Submission date</b><br>10/09/2018   | <b>Recruitment status</b><br>No longer recruiting | <input checked="" type="checkbox"/> Prospectively registered<br><input type="checkbox"/> Protocol |
| <b>Registration date</b><br>10/10/2018 | <b>Overall study status</b><br>Completed          | <input type="checkbox"/> Statistical analysis plan<br><input checked="" type="checkbox"/> Results |
| <b>Last Edited</b><br>09/01/2023       | <b>Condition category</b><br>Other                | <input type="checkbox"/> Individual participant data                                              |

## Plain English summary of protocol

### Background and study aims

The AC DC Study, is a pilot feasibility study, observing patients consulting in general practice and completing an automated check-in screen prior to their booked appointment, to confirm their attendance. The main aim of this study is to assess patient acceptability for answering brief research questions in the general practice waiting room, using an automated check-in screen.

### Who can participate?

Adults attending an appointment at any of the study centres who can read and speak English

### What does the study involve?

Participants will be asked to complete two extra research questions whilst completing their appointment check-in at an automated check-in screen.

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

The potential benefit for the patient of participation is the ability to take control of their choices and how their personal data are managed. There are no known risks to participants taking part in this study.

### Where is the study run from?

Research Institute for Primary Care and Health Sciences at Keele University and 11 GP practices in the UK (unknown at present, but they will be within the NIHR Clinical Research Network: West Midlands)

### When is the study starting and how long is it expected to run for?

April 2018 to December 2019

### Who is funding the study?

NIHR Trainees Co-ordinating Centre (TCC) (UK)

### Who is the main contact?

Sarah Lawton  
s.a.lawton@keele.ac.uk

# Contact information

**Type(s)**

Public

**Contact name**

Mrs Sarah Lawton

**Contact details**

Research Institute for Primary Care and Health Sciences  
Keele University  
Staffordshire  
Keele  
United Kingdom  
ST5 5BG

# Additional identifiers

**ClinicalTrials.gov (NCT)**

NCT03798756

**Protocol serial number**

39249

# Study information

**Scientific Title**

Automated Check-in Data Collection Study

**Acronym**

AC DC

**Study objectives**

It is acceptable to collect brief research information from patients, whilst they are self-completing an automated check-in screen prior to any general practice consultation.

**Ethics approval required**

Old ethics approval format

**Ethics approval(s)**

London - Westminster Research Ethics Committee, 30/08/2018, ref: 18/LO/1506

**Study design**

Observational cohort study

**Primary study design**

Observational

**Study type(s)**

## Treatment

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

People attending GP surgeries

### Interventions

All patients are required to confirm their attendance at the general practice by using the automated check-in screen. If the patient completing the automated check-in screen is 18 years of age or over, the additional two research questions will appear for completion. The questions are as follows:

1. "How much bodily pain have you had during the past 4 weeks?", with options for completion of: "None", "Very mild", "Mild", "Moderate", "Severe" and "Very severe".
2. "Would you be happy for your practice to contact you about any future research studies which are relevant to your health, to improve care for patients in the NHS?", with options for completion of: "Yes, I would be happy for you to contact me about research of relevance to me." and "No, thank you."

The two additional research questions will not appear on any subsequent appointment check-in screen during the recruitment period for those participants who have already completed the questions. The additional 2 questions for each patient will be a burden in terms of time (less than 1 minute), however it has been agreed that for the extra time taken to answer the questions, the patient receives the ability to take control of their choices and how their personal data are managed. Pseudonymised data only will be downloaded from participant check-in data entry, which will allow the study team to answer the research questions.

### Intervention Type

Other

### Primary outcome(s)

Patient acceptability for answering brief research questions in the general practice waiting room, using an automated check-in screen, assessed by observing the percentage of completed automated check-in screens with entered research data at the time of appointment check-in.

### Key secondary outcome(s)

Check-in completion of self-reported pain and willingness to be contacted about future research studies of relevance, assessed at the time of appointment check-in. Reported severity of bodily pain experienced over the last 4 weeks and the proportion of patients agreeing to be contacted about future research studies of relevance, will be observed from data from the check-in screens.

### Completion date

31/12/2019

## Eligibility

### Key inclusion criteria

1. Aged 18 years or older
2. Attending participating general practices for a consultation with any healthcare professional
3. Registered with the participating general practice during the specified recruitment period
4. Able to read and respond in English

### Participant type(s)

Patient

**Healthy volunteers allowed**

No

**Age group**

Adult

**Lower age limit**

18 years

**Sex**

All

**Total final enrolment**

9274

**Key exclusion criteria**

Does not meet inclusion criteria

**Date of first enrolment**

14/01/2019

**Date of final enrolment**

30/04/2019

## **Locations**

**Countries of recruitment**

United Kingdom

England

**Study participating centre**

**Research Institute for Primary Care and Health Sciences**

Keele University

Staffordshire

United Kingdom

ST5 5BG

## **Sponsor information**

**Organisation**

University of Keele

ROR

<https://ror.org/00340yn33>

## Funder(s)

### Funder type

Government

### Funder Name

NIHR Trainees Co-ordinating Centre (TCC)

## Results and Publications

### Individual participant data (IPD) sharing plan

The data sets generated during and/or analysed during the current study are pseudonymised and available upon request from Sara Muller ([s.muller@keele.ac.uk](mailto:s.muller@keele.ac.uk)). Requests will need to be made as per Keele University guidance.

### IPD sharing plan summary

Available on request

### Study outputs

| Output type                          | Details              | Date created | Date added | Peer reviewed? | Patient-facing? |
|--------------------------------------|----------------------|--------------|------------|----------------|-----------------|
| <a href="#">Results article</a>      | primary outcome data | 05/01/2023   | 09/01/2023 | Yes            | No              |
| <a href="#">Abstract results</a>     |                      | 01/01/2020   | 15/11/2022 | No             | No              |
| <a href="#">Basic results</a>        |                      | 19/04/2021   | 06/12/2021 | No             | No              |
| <a href="#">HRA research summary</a> |                      |              | 28/06/2023 | No             | No              |
| <a href="#">Thesis results</a>       |                      | 01/10/2021   | 15/11/2022 | No             | No              |