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Automated Check-in Data Collection (AC DC) Study

Submission date 10/09/2018	**Recruitment status** No longer recruiting	[X] Prospectively registered [_] Protocol [_] Statistical analysis plan [X] Results [_] Individual participant data
Registration date 10/10/2018	**Overall study status** Completed	
Last Edited 09/01/2023	**Condition category** Other	

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
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Contact information

Type(s)
Public

Contact name
Mrs Sarah Lawton

Contact details
Research Institute for Primary Care and Health Sciences
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Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number
NCT03798756

Secondary identifying numbers
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

Secondary study design
Cohort study

Study setting(s)
GP practice

Study type(s)
Treatment

Participant information sheet
Not available in web format, please use the contact details to request a patient information sheet

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 measure
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.

Secondary outcome measures
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.

Overall study start date
01/04/2018

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

Age group
Adult

Lower age limit
18 Years

Sex
Both

Target number of participants
Planned Sample Size: 9800; UK Sample Size: 9800

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
England

United Kingdom

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

Sponsor information

Organisation
University of Keele

Sponsor details
Directorate of Research, Innovation & Engagement
Innovation Centre 2
Keele University Science & Innovation Park
Staffordshire
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ST5 5NH
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Sponsor type
University/education

Website
www.keele.ac.uk

ROR
https://ror.org/00340yn33

Funder(s)

Funder type
Government

Funder Name
NIHR Trainees Co-ordinating Centre (TCC)

Results and Publications

Publication and dissemination plan
Planned publication in a high-impact peer reviewed journal for research methodology in 2020.

Intention to publish date
31/12/2020

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). 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?
Basic results		19/04/2021	06/12/2021	No	No
Abstract results		01/01/2020	15/11/2022	No	No
Thesis results		01/10/2021	15/11/2022	No	No
Results article	primary outcome data	05/01/2023	09/01/2023	Yes	No
HRA research summary			28/06/2023	No	No