

Real-time Electronic Patient Outcome Reporting of adverse events in UK (REPORT-UK): Phase 3 pilot study

Submission date 18/06/2014	Recruitment status No longer recruiting	☒ Prospectively registered ☐ Protocol
Registration date 02/07/2014	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 26/10/2022	Condition category Cancer	☐ Individual participant data

Plain English summary of protocol

Background and study aims

It is very important that any side effects or symptoms people have during clinical trials are reported. Doing this helps researchers to see how safe a treatment is. It also contributes to guidelines on how to prescribe a drug, and to information for patients. In this study, researchers are developing a questionnaire that can be filled out from home using the internet or telephone to report these symptoms and side effects. This means any problems can be recorded straight away, rather than waiting until the next clinic appointment. This project is testing whether an electronic system (using the internet or telephone) is acceptable and used by cancer patients receiving treatment to report any symptoms, side effects and their quality of life on a regular basis during a 3 month period. The research team have already spoken to patients about what types of questions to ask and this stage of the project aims to see how the system will work in practice - for example whether patients use the system and how they find using it.

What does the study involve?

Patients are approached during their routine hospital appointments. The researcher explains the different ways of completing the symptom/quality of life questionnaires from home using the internet and/or telephone. Basic training is given on how to use the systems. Patients are asked to log in to one of the systems from home once a week for three months to answer questions about their symptoms and side effects. Once a month they are also be asked to complete some extra questions about their general quality of life. At the end of the study, patients may also be asked to take part in an interview or complete a feedback form to find out what they thought about the research and the symptom reporting system they used.

What are the possible benefits and risks of participating?

There are no immediate direct benefits to those taking part in this study, but the results will be used to help people with cancer in the future. There are no anticipated risks of taking part in this study - it does not affect the usual care or treatment patients receive in any way. The study is not replacing usual care so all symptoms and side effects should continue to be reported to clinical teams in the usual way (e.g. emergency contacts).

Where is the study run from?

St James's University Hospital, St James's Institute of Oncology (UK)

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

July 2014 to January 2016

Who is funding the study?

Cancer Research UK

Who is the main contact?

Dr Fiona Kennedy

f.r.kennedy@leeds.ac.uk

<https://www.cancerresearchuk.org/about-cancer/find-a-clinical-trial/a-study-developing-questionnaire-people-could-use-home-report-problems-during-cancer-treatment-report-uk-phase-1>

Contact information

Type(s)

Scientific

Contact name

Dr Fiona Kennedy

ORCID ID

<https://orcid.org/0000-0002-4910-2505>

Contact details

Level 03

Bexley Wing

St James's Institute of Oncology

Beckett Street

Leeds

United Kingdom

LS9 7TF

Additional identifiers

Protocol serial number

16823

Study information

Scientific Title

REPORT-UK: Pilot study to assess feasibility and compliance of electronic based system for patients to remotely self-report AEs and other PROMs in UK cancer clinical trials

Acronym

REPORT-UK: Phase 3 pilot study

Study objectives

Reporting of adverse events (AEs) is essential in clinical trials. The current system for reporting AEs, the Common Terminology Criteria for Adverse Events (CTCAE), relies on the clinicians interpretation of patient symptoms. The importance and added value of patient self-reports of AEs and Patient Reported Outcome Measures (PROMs) has been recognised by clinicians, regulatory authorities and health-care commissioners, but robust and cost-effective data collection methods are needed. This project is part of a research programme aiming to develop, introduce and evaluate the feasibility and acceptability of an electronic system for patients to remotely self-report AEs and other PROMs in UK cancer clinical trials (REPORT-UK).

Aims and objectives:

1. To evaluate feasibility and patient compliance with using an internet-based or telephone-based system for collecting patient-reported AEs data and other PROMs (EORTC QLQ-C30)
2. To report the proportion of expected weekly AE reports completed
3. To test the complete IT platform including the patient and research staff interface, and the integration of REPORT-UK data with a standard clinical trial database
4. To explore implementation issues through patient and staff interviews

Ethics approval required

Old ethics approval format

Ethics approval(s)

Yorkshire & The Humber - Leeds East, 18/06/2014, ref: 14/YH/0181

Primary study design

Observational

Study design

Validation of investigative therapeutic process

Study type(s)

Other

Health condition(s) or problem(s) studied

Topic: Cancer; Subtopic: All Cancers/Misc Sites; Disease: All

Interventions

The aim is to recruit a sample of 252 cancer patients from St James's University Hospital, Leeds and University Hospitals Bristol NHS Foundation Trust with either early or metastatic disease receiving chemotherapy, targeted agents, hormonotherapy, radiotherapy or surgery. Participants will be asked to take part in a prospective longitudinal study involving electronic (internet/IVRS) completion of self-reports for up to 3 months during treatment.

Participants will be asked to complete weekly symptom reports (21 common symptom questions) via their chosen method (internet and/or IVRS). Once a month participants will also be asked to complete quality of life (EORTC QLQ-C30). Reports on AEs will be attached to medical notes for clinicians. Interviews with participants and staff will take place at the end of the study.

Follow Up Length: 3 month(s)

Intervention Type

Other

Primary outcome(s)

1. Number of patients potentially eligible, number recruited and reasons for non-recruitment;
Timepoint(s): End of study

Key secondary outcome(s)

1. Number of and timing of participant withdrawals from follow-up data collection and reasons for withdrawal; Timepoint(s): End of study
2. Proportion of expected weekly AE reports completed; Timepoint(s): End of study

Completion date

07/01/2016

Eligibility**Key inclusion criteria**

1. Cancer patients undergoing treatment with curative or palliative intent within the following treatment groups and corresponding cancer sites:
 - 1.1. Chemotherapy: breast, ovarian, bladder, colorectal, leukaemia
 - 1.2. Targeted agents (tyrosine kinase inhibitors, monoclonal antibodies): renal, myeloma, lymphoma, leukaemia, advanced breast cancer
 - 1.3. Hormonotherapy: breast, prostate
 - 1.4. Radiotherapy or chemoradiotherapy: prostate, lung, head and neck, oesophageal, rectal
 - 1.5. Surgery: oesophageal, gastric, pancreas, liver resections, colorectal, lung
2. Patients receiving chemotherapy must be within their first two cycles of treatment
3. Patients receiving radiotherapy must be at the beginning of their treatment
4. Patients scheduled for surgery or within 1 month of discharge postsurgery
5. Able and willing to give informed consent
6. Able to read and understand English
7. Access to a touch tone telephone and/or computer with internet
8. Aged 18 years or over

Target Gender: Male & Female ; Lower Age Limit 18 no age limit or unit specified

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 Years

Sex

All

Total final enrolment

249

Key exclusion criteria

1. Patients under the age of 18
2. Patients with overt exhibition of psychopathology or serious cognitive dysfunction which would impede study participation
3. Patients taking part in another clinical trial where there is a requirement to complete extensive quality of life questionnaires

Date of first enrolment

20/07/2014

Date of final enrolment

07/10/2015

Locations**Countries of recruitment**

United Kingdom

England

Study participating centre

University Hospital Bristol NHS Foundation Trust

St James's Institute of Oncology

Leeds

United Kingdom

LS9 7TF

Sponsor information**Organisation**

University of Leeds (UK)

ROR

<https://ror.org/024mrxd33>

Funder(s)**Funder type**

Charity

Funder Name

Cancer Research UK; Grant Codes: C7775/A14384

Alternative Name(s)

CR_UK, Cancer Research UK - London, Cancer Research UK (CRUK), CRUK

Funding Body Type

Private sector organisation

Funding Body Subtype

Other non-profit organizations

Location

United Kingdom

Results and Publications

Individual participant data (IPD) sharing plan

The datasets generated during and/or analysed during the current study are/will be available upon request from Prof. Galina Velikova (G.Velikova@leeds.ac.uk)

IPD sharing plan summary

Available on request

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Basic results		02/03/2017	08/03/2017	No	No
HRA research summary			28/06/2023	No	No
Plain English results			26/10/2022	No	Yes
Study website	Study website	11/11/2025	11/11/2025	No	Yes