

# Exploring the use of a stroke patient concerns inventory during stroke follow-up appointments

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| <b>Submission date</b><br>07/11/2024   | <b>Recruitment status</b><br>No longer recruiting    | <input checked="" type="checkbox"/> Prospectively registered<br><input type="checkbox"/> Protocol                       |
| <b>Registration date</b><br>22/11/2024 | <b>Overall study status</b><br>Ongoing               | <input type="checkbox"/> Statistical analysis plan<br><input type="checkbox"/> Results                                  |
| <b>Last Edited</b><br>21/11/2024       | <b>Condition category</b><br>Nervous System Diseases | <input type="checkbox"/> Individual participant data<br><input checked="" type="checkbox"/> Record updated in last year |

## Plain English summary of protocol

### Background and study aims

Stroke survivors experience ongoing physical, psychological and social concerns affecting quality-of-life. There is a lack of systems and tools that allow healthcare staff to identify stroke survivors' concerns and so they are often not adequately addressed. Stroke outpatient follow-up appointments are time-limited, reducing opportunity for patients to discuss, and staff to identify, concerns.

The Patient Concerns Inventory (PCI), is used in cancer-care appointments. The PCI lists potential concerns for patients to select from before their appointment which they would like to discuss. Research shows that using the PCI increased satisfaction with appointments and improved patient quality-of-life, without lengthening appointment time. The PCI has been adapted for stroke (Stroke Patient Concerns Inventory (sPCI)) and a large study is needed to see if it is also effective. Firstly, the study design and the sPCI need to be tested in a smaller study. This study, funded by the NIHR, aims to determine if the sPCI can be used in stroke outpatient services by both staff and patients.

### Who can participate?

Four stroke services performing follow-up appointments will recruit a total of 96 participants, who are: stroke survivors within 7-months of stroke, aged 18 years and over, and attending their first follow-up appointment.

### What does the study involve?

Two sites will receive training in the sPCI (using it during appointments to discuss concerns and manage them appropriately), and provide their participants the sPCI to complete before their appointment (in addition to their usual practice). The remaining two sites will continue their usual practice. Data collection will include: participants' demographic and stroke information, and quality-of-life at baseline; completed sPCI and participants' feedback on its use immediately after the appointment; participants' satisfaction and empowerment within one-week of the appointment; and participants' quality-of-life and use of health services three-months later. A selection of participants and staff will be interviewed about their experiences of the study.

What are the possible benefits and risks of participating?

Benefits: Not provided at time of registration

Risks: The main disadvantages are that this will take some of your time and you may find thinking or talking about some of the issues is upsetting. If this happens, the research practitioner or university researcher can provide suggestions of who you can talk to, such as helplines or your GP.

Where is the study run from?

University of Central Lancashire (UK)

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

May 2024 to October 2025

Who is funding the study?

National Institute for Health and Care Research (NIHR) (UK).

Who is the main contact?

esaviciute@uclan.ac.uk

## Contact information

### Type(s)

Principal Investigator

### Contact name

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## Additional identifiers

### EudraCT/CTIS number

Nil known

### IRAS number

344756

### ClinicalTrials.gov number

Nil known

### Secondary identifying numbers

## Study information

### Scientific Title

Use of the Stroke Patient Concerns Inventory in Stroke Outpatients Clinics: a feasibility cluster randomised controlled trial

### Acronym

SPaCIS

### Study objectives

To determine whether a future, larger study can be conducted to explore how effective the Stroke Patient Concerns Inventory (sPCI) is when used in stroke outpatient clinics.

### Ethics approval required

Ethics approval required

### Ethics approval(s)

Approved 04/10/2024, Wales REC 3 (Health and Care Research Wales Support and Delivery Centre, Castlebridge 4, 15-19 Cowbridge Road East, Cardiff, CF11 9AB, United Kingdom; +44 2922 940963; Wales.REC3@wales.nhs.uk), ref: 24/WA/0259

### Study design

Interventional non-randomized

### Primary study design

Interventional

### Secondary study design

Non randomised study

### Study setting(s)

Hospital, Medical and other records

### Study type(s)

Screening

### Participant information sheet

See outputs table

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

Stroke

### Interventions

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appointments to discuss concerns and manage them appropriately), and provide their participants the sPCI to complete before their appointment (in addition to their usual practice). The remaining two sites will continue their usual practice.

Data collection will include: participants' demographic and stroke information, and quality-of-life at baseline; completed sPCI and participants' feedback on its use immediately after the appointment; participants' satisfaction and empowerment within one-week of the appointment; and participants' quality-of-life and use of health services three-months later. A selection of participants and staff will be interviewed about their experiences of the study.

## **Intervention Type**

Behavioural

## **Primary outcome measure**

1. The rate of completed sPCIs is measured using the number of sPCIs completed at the clinical follow-up appointment
2. sPCI use in consultation is measured using a participant's immediate feedback question on whether they recall the use of the sPCI in their consultation and audio recordings of consultations at clinical follow-up appointments and immediate feedback
3. Participant feedback on the use of sPCI is measured using an immediate feedback question on whether they recall the use of the sPCI in their consultation at immediate feedback
4. Patients completing sPCI is measured using the number of sPCIs completed at clinical follow-up appointments and process evaluation interviews
5. sPCI use during the consultation is measured using a participant's immediate feedback question on whether they recall the use of the sPCI in their consultation and audio recordings of consultations at clinical follow-up appointments and process evaluation interviews
6. Staff trained in sPCI use is measured using the number of staff trained during the training period and process evaluation interviews
7. sPCIs provided before the appointment are measured using the number of sPCIs sent to patients at the clinical follow-up appointment
8. Completed sPCIs available to staff conducting consultations are measured using data on consultation CRF about whether sPCI was available at the clinical follow-up appointment
9. Sites recruited are measured using the number of sites in the study at the end of the recruitment period
10. Participants recruited are measured using the number of participants recruited to the study at the end of the recruitment period
11. Eligibility rate is measured using screening logs at the end of the recruitment period
12. The recruitment rate is measured using screening logs and the number of participants recruited to the study at the end of the recruitment period
13. Retention/completion rates are measured using the number of completed 3-month questionnaires at the end of the data collection period
14. Questionnaire completion rates are measured using the number of completed 1-week and 3-month questionnaires at the end of the data collection period and process evaluation interviews
15. Patient satisfaction, empowerment, and quality of life are measured using the Patient Satisfaction Survey and Southampton Stroke Self-Management Scale at 1-week, and EQ-5D-5L at 3-months of data collection and process evaluation interviews
16. Case report form completion rates are measured using the number of completed 1-week and 3-month questionnaires at the end of the data collection period and process evaluation interviews
17. Stop/Go criteria is measured using pre-defined criteria and process evaluation at the end of the study

## Secondary outcome measures

There are no secondary outcome measures

## Overall study start date

01/05/2024

## Completion date

31/10/2025

# Eligibility

## Key inclusion criteria

1.  $\geq 18$  years.
2. Experienced acute stroke within previous 7 months.
3. Attending first routine post-discharge stroke clinic appointment.
4. Able to complete sPCI, either themselves, with assistance for those physically unable to complete for themselves (e.g. have visual or motor problems), or by proxy for those without capacity to consent (i.e. relative/carer completes with their opinion of what the participant's concerns are).
5. Able to communicate in English, or have a relative/carer willing to translate trial communications and materials for the participant, or able to use site-specific translation services, if available.

## Participant type(s)

Patient

## Age group

Adult

## Lower age limit

18 Years

## Sex

Both

## Target number of participants

Planned Sample Size: 96; UK Sample Size: 96

## Key exclusion criteria

1. Lack of capacity to consent themselves and no consultee assent available.

## Date of first enrolment

25/11/2024

## Date of final enrolment

01/03/2025

# Locations

## Countries of recruitment

England

United Kingdom

**Study participating centre**

**Lancashire Teaching Hospitals NHS Foundation Trust**

Royal Preston Hospital

Sharoe Green Lane

Fulwood

Preston

United Kingdom

PR2 9HT

**Study participating centre**

**Royal Cornwall Hospitals NHS Trust**

Royal Cornwall Hospital

Treliske

Truro

United Kingdom

TR1 3LJ

**Study participating centre**

**The Royal Wolverhampton NHS Trust**

New Cross Hospital

Wolverhampton Road

Heath Town

Wolverhampton

United Kingdom

WV10 0QP

**Study participating centre**

**East Lancashire Hospitals NHS Trust**

Royal Blackburn Hospital

Haslingden Road

Blackburn

United Kingdom

BB2 3HH

**Sponsor information**

**Organisation**

University of Central Lancashire

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England  
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+44 1772895583  
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**Sponsor type**

University/education

**Website**

<http://www.uclan.ac.uk/>

**ROR**

<https://ror.org/010jbqd54>

**Funder(s)****Funder type**

Government

**Funder Name**

NIHR Central Commissioning Facility (CCF)

**Results and Publications****Publication and dissemination plan**

Planned publication in a peer-reviewed journal

**Intention to publish date**

31/10/2026

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

The current data sharing plans for this study are unknown and will be available at a later date

**IPD sharing plan summary**

Data sharing statement to be made available at a later date

**Study outputs**

| Output type | Details | Date created | Date added | Peer reviewed? | Patient-facing? |
|-------------|---------|--------------|------------|----------------|-----------------|
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|---|-----------------------------------|------------|------------|----|-----|
| <a href="#">Participant information sheet</a> | Control group<br>version 1.1      | 27/09/2024 | 18/11/2024 | No | Yes |
| <a href="#">Participant information sheet</a> | Intervention group<br>version 1.1 | 27/09/2024 | 18/11/2024 | No | Yes |