

# Developing better care for the elderly patients with walking disability due to degenerative lumbar spine stenosis

**Submission date**  
29/09/2006

**Recruitment status**  
No longer recruiting

Prospectively registered

Protocol

**Registration date**  
29/09/2006

**Overall study status**  
Completed

Statistical analysis plan

Results

**Last Edited**  
06/01/2021

**Condition category**  
Musculoskeletal Diseases

Individual participant data

## Plain English summary of protocol

Not provided at time of registration

## Contact information

### Type(s)

Scientific

### Contact name

Miss Christine Comer

### Contact details

Physiotherapy Department  
Wharfedale Hospital  
Newall Carr Road  
Otley  
United Kingdom  
LS21 2LY

## Additional identifiers

### Protocol serial number

N0626176966

## Study information

### Scientific Title

Developing better care for the elderly patients with walking disability due to degenerative lumbar spine stenosis

**Study objectives**

Not provided at time of registration

**Ethics approval required**

Old ethics approval format

**Ethics approval(s)**

Not provided at time of registration

**Study design**

Randomised controlled trial

**Primary study design**

Interventional

**Study type(s)**

Quality of life

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

Musculoskeletal Diseases: Degenerative lumbar spine stenosis

**Interventions**

Walking tolerance will be measured with and without a stick.

**Intervention Type**

Other

**Phase**

Not Specified

**Primary outcome(s)**

Shuttle walking crossover test: difference in walking tolerance (measured in metres) between SWT with walking stick and SWT without walking stick. Each shuttle is 10 metres, thus the number of completed shuttles counted by the investigator will be multiplied by 10 to provide an outcome measure in metres.

**Key secondary outcome(s)**

Not provided at time of registration

**Completion date**

01/09/2008

**Eligibility****Key inclusion criteria**

1. Patients 65 and over
2. Unilateral or bilateral neurogenic claudication (NC), ie exercise induced leg pain on walking, relieved in sitting
3. Patient reported limitation of walking tolerance due to symptoms of NC

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Senior

**Sex**

All

**Key exclusion criteria**

1. Cognitive impairment preventing full understanding or participation in the study
2. Evidence of medical conditions such as hip/leg pathology or peripheral vascular disease, which may mimic NC or prevent participation in a shuttle walking test
3. Severe or worsening neurological status
4. Signs/symptoms of cauda equina compression, inflammatory joint disease, signs/symptoms of sinister pathology (unexplained weight loss, unremitting/night-time pain, history of cancer), which may require urgent surgical opinion. This will be determined through subjective and objective examination of patients by the recruiting researcher at the point of screening
5. Exclusion criterion for Home Trial Pilot phase only: previous use of walking aid

**Date of first enrolment**

01/01/2006

**Date of final enrolment**

01/09/2008

**Locations****Countries of recruitment**

United Kingdom

England

**Study participating centre**

**Wharfedale Hospital**

Otley

United Kingdom

LS21 2LY

**Sponsor information****Organisation**

## Funder(s)

### Funder type

Government

### Funder Name

Bradford South and West Primary Care Trust (UK), NHS R&D Support Funding

## Results and Publications

### Individual participant data (IPD) sharing plan

### IPD sharing plan summary

Not provided at time of registration

### Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Results article</a>	results	30/09/2013	06/01/2021	Yes	No