

A Preliminary Investigation Into The Effect Of Home Standing Programs On Lower Limb Spasticity, Spasm, Pain and Well-being For Individuals With Progressive Multiple Sclerosis (MS)

Submission date 30/09/2005	Recruitment status No longer recruiting	☐ Prospectively registered
		☐ Protocol
Registration date 30/09/2005	Overall study status Completed	☐ Statistical analysis plan
		☐ Results
Last Edited 12/09/2013	Condition category Nervous System Diseases	☐ Individual participant data
		☐ Record updated in last year

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
Miss Karen Baker

Contact details
Physical Disability Support Team
North West London Hospitals NHS Trust
P Block Northwick Park Hospital
Watford Road
Harrow
United Kingdom
HA1 3UJ
+44 (0)20 8869 3636

Additional identifiers

Protocol serial number
N0515143146

Study information

Scientific Title

Study objectives

The principal research questions are that daily standing in a frame will:

1. Decrease passive resistance to movement in lower limb (lower limb stiffness known as hypertonicity)
2. Enhance range of motion at ankles.
3. Decrease frequency of lower limb spasms.
4. Lead to self-reported decrease in pain.
5. Lead to self-reported improvement in well-being.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Primary study design

Interventional

Study design

Randomised controlled trial

Study type(s)

Not Specified

Health condition(s) or problem(s) studied

Nervous System Diseases: Multiple sclerosis (MS)

Interventions

The study proposed to use a crossover design of a minimum of six participants with primary or secondary MS these participants will be randomly selected to either a three-week exercise group or a three-week standing group. The participants in the standing group will stand daily in a Standing Frame for 30 minutes if able. These participants will be shown how to use and stand in the frame, given exercises to perform whilst standing and show how to correctly position themselves in the frame. Preliminary research results will be feedback to the participants at the end of the six-week study period. They will also be informed that final results will be available from the researchers, and the local MS society will also be made aware of the results. Measurements will be taken at assessment, three and six weeks, with the groups crossing over after three weeks.

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Not provided at time of registration

Key secondary outcome(s)

Not provided at time of registration

Completion date

01/05/2005

Eligibility

Key inclusion criteria

Participants are to be identified from clinical team members (physiotherapists) working in either Harrow PCT, Northwick Park Hospital or Harrow MS Therapy Centre.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

Key exclusion criteria

Does not match inclusion criteria

Date of first enrolment

01/05/2004

Date of final enrolment

01/05/2005

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

Physical Disability Support Team

Harrow

United Kingdom

HA1 3UJ

Sponsor information

Organisation

Department of Health

Funder(s)

Funder type

Government

Funder Name

North West London Hospitals NHS 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