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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 [ ] Statistical analysis plan [ ] Results [ ] Individual participant data [ ] Record updated in last year
Registration date 30/09/2005	**Overall study status** Completed	
Last Edited 12/09/2013	**Condition category** Nervous System Diseases	

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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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 know as hyper tonicity)
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

Study design
Randomised controlled trial

Primary study design
Interventional

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