

# 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)

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

**Plain English summary of protocol**  
Not provided at time of registration

## Contact information

**Type(s)**  
Scientific

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## Additional identifiers

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**

**Secondary identifying numbers**

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

### **Secondary study design**

Randomised controlled trial

### **Study setting(s)**

Not specified

### **Study type(s)**

Not Specified

### **Participant information sheet**

### **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 measure**

Not provided at time of registration

**Secondary outcome measures**

Not provided at time of registration

**Overall study start date**

01/05/2004

**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

**Age group**

Not Specified

**Sex**

Not Specified

**Target number of participants**

6

**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

England

United Kingdom

### Study participating centre

#### Physical Disability Support Team

Harrow

United Kingdom

HA1 3UJ

## Sponsor information

### Organisation

Department of Health

### Sponsor details

Richmond House

79 Whitehall

London

United Kingdom

SW1A 2NL

+44 (0)20 7307 2622

dhmail@doh.gsi.org.uk

### Sponsor type

Government

### Website

<http://www.dh.gov.uk/Home/fs/en>

## Funder(s)

### Funder type

Government

### Funder Name

North West London Hospitals NHS Trust (UK) - NHS R&D Support Funding

# Results and Publications

## Publication and dissemination plan

Not provided at time of registration

## Intention to publish date

## Individual participant data (IPD) sharing plan

## IPD sharing plan summary

Not provided at time of registration