

# Treadmill gait training for people with MS; does it improve gait or reduce fatigue?

<b>Submission date</b> 12/09/2003	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
<b>Registration date</b> 12/09/2003	<b>Overall study status</b> Completed	<input type="checkbox"/> Protocol
<b>Last Edited</b> 22/09/2011	<b>Condition category</b> Nervous System Diseases	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
		<input type="checkbox"/> Individual participant data

**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**  
N0176120461

## Study information

**Scientific Title**

## **Study objectives**

In individuals with multiple sclerosis (MS), who have impaired walking but are able to walk on a treadmill:

1. Can treadmill training improve the speed and/or distance an individual can walk?
2. Can treadmill training improve an individual's general state of well-being?
3. Is treadmill training harmful following multiple sclerosis?

## **Ethics approval required**

Old ethics approval format

## **Ethics approval(s)**

Not provided at time of registration

## **Study design**

Crossover randomised controlled design study

## **Primary study design**

Interventional

## **Study type(s)**

Not Specified

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

Nervous System Diseases: Multiple sclerosis (MS)

## **Interventions**

One group of patients receives treadmill training for 4 weeks, then no training. A second group of patients receives no training for 4 weeks, then 4 weeks training. Each group is assessed at week 5 and week 10.

## **Intervention Type**

Other

## **Phase**

Not Specified

## **Primary outcome(s)**

The primary outcome measures will be functional mobility as measured by the Rivermead Mobility Index, 10 m and 2 min walk tests and fatigue as measured by the Fatigue Severity Scale at each time point.

## **Key secondary outcome(s)**

Not provided at time of registration

## **Completion date**

30/11/2003

## **Eligibility**

### **Key inclusion criteria**

12-24 individuals with multiple sclerosis.

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Not Specified

**Sex**

Not Specified

**Key exclusion criteria**

Not provided at time of registration

**Date of first enrolment**

10/03/2003

**Date of final enrolment**

30/11/2003

## Locations

**Countries of recruitment**

United Kingdom

**Study participating centre**

School of Biological & Molecular Sciences

Oxford

United Kingdom

OX3 0B

## Sponsor information

**Organisation**

Department of Health (UK)

## Funder(s)

**Funder type**

Government

**Funder Name**

Oxford Radcliffe Hospitals NHS Trust (UK)

## 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	01/01/2007		Yes	No