

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

Submission date 12/09/2003	Recruitment status No longer recruiting	☐ Prospectively registered
Registration date 12/09/2003	Overall study status Completed	☐ Protocol
Last Edited 22/09/2011	Condition category Nervous System Diseases	☐ Statistical analysis plan
		☒ Results
		☐ 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?
Results article	results	01/01/2007		Yes	No