ISRCTN78460965 https://doi.org/10.1186/ISRCTN78460965

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

Submission date	Recruitment status	[ ] Prospectively registered
12/09/2003	No longer recruiting	[ ] Protocol
Registration date	**Overall study status**	[ ] Statistical analysis plan
12/09/2003	Completed	[X] Results
Last Edited	**Condition category**	[ ] Individual participant data
22/09/2011	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
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

Primary study design
Interventional

Study design
Crossover randomised controlled design study

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 OB

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