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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

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers
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

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
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 measure

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.

Secondary outcome measures
Not provided at time of registration

Overall study start date
10/03/2003

Completion date
30/11/2003

Eligibility

Key inclusion criteria
12-24 individuals with multiple sclerosis.

Participant type(s)
Patient

Age group
Not Specified

Sex
Not Specified

Target number of participants
24

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)

Sponsor details
Richmond House
79 Whitehall
London
United Kingdom
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Sponsor type
Government

Website
http://www.doh.gov.uk

Funder(s)

Funder type
Government

Funder Name
Oxford Radcliffe Hospitals NHS Trust (UK)

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

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	01/01/2007		Yes	No