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Efficacy of client-centred occupational therapy in patients with multiple sclerosis: a cluster-randomised trial

Submission date
16/01/2007

Recruitment status
No longer recruiting

Registration date
16/01/2007

Overall study status
Completed

Last Edited
14/01/2021

Condition category
Nervous System Diseases

[ ] Prospectively registered
[ ] Protocol
[ ] Statistical analysis plan
[X] 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
NL830, NTR843

Study information

Scientific Title

Efficacy of client-centred occupational therapy in patients with multiple sclerosis: a cluster-randomised trial

Acronym
MUSCOT

Study objectives
Client-centred occupational therapy according to the Occupational Performance Process Model will be more effective in improving daily functioning and societal participation of patients with multiple sclerosis than usual-care occupational therapy.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Ethics approval received from the local medical ethics committee

Primary study design
Interventional

Study design
Randomised, controlled, parallel group, double blinded, multicentre trial

Study type(s)
Treatment

Health condition(s) or problem(s) studied
Multiple sclerosis (MS)

Interventions
Experimental intervention: client-centred occupational therapy accoridng to the Occupational Performance Process Model (OPPM).

Control intervention: usual-care occupational therapy.

Intervention Type
Other

Phase
Not Specified

Primary outcome(s)
1. Disability Impact Profile (DIP) questionnaire
2. Impact on Participation and Autonomy (IPA) questionnaire

At baseline) and after four and eight months follow-up.

Key secondary outcome(s)
1. Evaluation of Client-Centred Process (ECGP) questionnaire
2. Quality of Care through the patient's eyes (QUOTE-EEE) questionnaire
3. Canadian Occupational Performance Measure (COPM)

4. Nine-Hole Peg Test (9-HPT) Dexterity measure
5. Fatigue (Modified Fatigue Impact Scale [MFIS]) questionnaire
6. Pain (Pain Effects Scale [PES]) questionnaire
7. Cognitive functioning (Perceived Deficits Questionnaire [PDQ]) questionnaire
8. Generic Health-related Quality of Life (Short Form health survey [SF-36]) questionnaire

At baseline, and after four and eight months follow-up.

Completion date
31/12/2009

Eligibility

Key inclusion criteria
1. Diagnosed Multiple Sclerosis
2. New referral for occupational therapy
3. Age between 18 and 75 years

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Lower age limit
18 Years

Sex
Not Specified

Total final enrolment
269

Key exclusion criteria
1. Major depression

Date of first enrolment
01/01/2007

Date of final enrolment
31/12/2009

Locations

Countries of recruitment
Netherlands

Study participating centre
VU University Medical Center
Amsterdam
Netherlands
1007 MB

Sponsor information

Organisation
VU University Medical Center (The Netherlands)

ROR
https://ror.org/00q6h8f30

Funder(s)

Funder type
Research organisation

Funder Name
Stichting MS Research (The Netherlands)

Alternative Name(s)
Dutch Multiple Sclerosis Research Foundation

Funding Body Type
Private sector organisation

Funding Body Subtype
Trusts, charities, foundations (both public and private)

Location
Netherlands

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	01/09/2013	14/01/2021	Yes	No