Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 2026

Effect of peer educational program versus no education on self-efficacy in patients with multiple sclerosis a randomized clinical trial

Protocol summary

Summary

Objectives: To assess the effect of peer educational program versus no education on self-efficacy in patients with multiple sclerosis. Design: a randomized clinical trial. Setting and conduct: The eligible patients with multiple sclerosis who will refer to Farshchian Hospital during the study period will be enrolled into the trial. Inclusion criteria: age of 18 to 50 years; affected by multiple sclerosis. Exclusion criteria: participating in the educational programs in the last previous six months; affected by other acute or chronic physical, mental, or psychological disorders; speech or hearing disorders; dependent to wheelchair; acute phase of the disease. Intervention group: Routine care plus 4 educational sessions for 60 minutes twice a week. Control group: Just routine care. Primary outcome: Assessing the patient's self-efficacy before and one month after intervention using Shere questionnaire. Secondary outcome: Nothing. Randomization: The patients will be randomly assigned to intervention and control groups by drawing lot.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201608229014N112**
Registration date: **2016-08-23, 1395/06/02**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2016-08-23, 1395/06/02

Registrant information

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Name of organization / entity

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Recruitment status

Recruitment complete

Funding source

Vice-chancellor for Research the Technology, Hamadan University of Medical Sciences

Expected recruitment start date

2016-01-05, 1394/10/15

Expected recruitment end date

2016-08-05, 1395/05/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of peer educational program versus no education on self-efficacy in patients with multiple sclerosis a randomized clinical trial

Public title

Effect of peer educational program versus no education on self-efficacy in patients with multiple sclerosis

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: age of 18 to 50 years; affected by multiple sclerosis. Exclusion criteria: participating in the educational programs in the last previous six months; affected by other acute or chronic physical, mental, or psychological disorders; speech or hearing disorders;

dependent to wheelchair; acute phase of the disease.

Age
From **18 years** old to **50 years** old

Gender
Both

Phase
2

Groups that have been masked
No information

Sample size
Target sample size: **80**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Not blinded

Blinding description

Placebo
Not used

Assignment
Parallel

Other design features
Randomization: The patients will be randomly assigned to intervention and control groups by drawing lot.
Blinding: Not possible.

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Ethics Committee of Hamadan University of Medical Sciences

Street address
Vice-chancellor for Research the Technology, Hamadan University of Medical Sciences, Shahid Fahmideh Ave

City
Hamadan

Postal code
6517838695

Approval date
2015-12-25, 1394/10/04

Ethics committee reference number
IR.UMSHA.REC.1394.407

Health conditions studied

1

Description of health condition studied
Multiple sclerosis

ICD-10 code
G35

ICD-10 code description
Multiple sclerosis

Primary outcomes

1

Description
Assessing the patient's self-efficacy

Timepoint
before and one month after intervention

Method of measurement
using Shere questionnaire

Secondary outcomes

1

Description
Nothing

Timepoint
Nothing

Method of measurement
Nothing

Intervention groups

1

Description
Routine care plus 4 educational sessions for 60 minutes twice a week

Category
Treatment - Other

2

Description
Just routine care

Category
Other

Recruitment centers

1

Recruitment center

Name of recruitment center
Farshchian Hospital

Full name of responsible person
Fatemeh Takarli

Street address
Farshchian Hospital, Mirzadeh Eshghi Ave.

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Hamadan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Vice-chancellor for Research the Technology, Hamadan University of Medical Sciences

Full name of responsible person
Dr Saeid Bashirian
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Hamadan University of Medical Sciences, Shahid Fahmideh Ave
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Hamadan
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Vice-chancellor for Research the Technology, Hamadan University of Medical Sciences
Proportion provided by this source
100
Public or private sector
empty
Domestic or foreign origin
empty
Category of foreign source of funding
empty
Country of origin
Type of organization providing the funding
empty

Person responsible for general inquiries

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Sharing plan

Deidentified Individual Participant Data Set (IPD)
empty
Study Protocol
empty
Statistical Analysis Plan
empty
Informed Consent Form
empty
Clinical Study Report
empty
Analytic Code
empty
Data Dictionary
empty