

Clinical Trial Protocol

Iranian Registry of Clinical Trials

24 Jun 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

Name

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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,
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Fahmideh Ave

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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.

City

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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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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****Contact****Name of organization / entity**

School of Nursing and Midwifery

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Web page address**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*