

Clinical Trial Protocol

Iranian Registry of Clinical Trials

12 Jul 2026

Family center empowerment model on skill, attitude and knowledge of multiple sclerosis caregivers

Protocol summary

Shahrekord University of Medical Sciences

Summary

The aim of this study was to investigate the effect of family-center empowerment model on knowledge, attitude and skill of the care-givers of multiple sclerosis patients. 68 multiple sclerosis patients from Iranian multiple sclerosis society were enrolled to receive eight sessions of educational program based on educational needs of caregivers for three months. Primary outcome was knowledge, attitude, and skill in care givers.

Expected recruitment start date

2006-04-21, 1385/02/01

Expected recruitment end date

2006-05-22, 1385/03/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138809242861N1**

Registration date: **2010-03-20, 1388/12/29**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2010-03-20, 1388/12/29

Registrant information

Name

Reza Masoodi

Name of organization / entity

Nursing department, Shahrekord University of Medical Science,

Country

Iran (Islamic Republic of)

Phone

+98 38 1333 5654

Email address

masoodi@skums.ac.ir

Recruitment status

Recruitment complete

Funding source

Scientific title

Family center empowerment model on skill, attitude and knowledge of multiple sclerosis caregivers

Public title

The effect of family center empowerment model on skill, attitude and knowledge of multiple sclerosis caregivers

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: Presence of multiple sclerosis, membership of Iranian multiple sclerosis center, ability to read and write Exclusion criteria: Presence of other diseases such as mental disorder, cognitive disorder, addiction, or other neurologic disorder

Age

From **20 years** old to **80 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **140**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Tarbiat modares university

Street address

Gisha bridge, Tehran

City

Tehran

Postal code**Approval date**

empty

Ethics committee reference number

2124/l.م

Health conditions studied**1****Description of health condition studied**

multiple sclerosis

ICD-10 code

G35

ICD-10 code description

Demyelinating diseases of the central nervous system

Primary outcomes**1****Description**

skill, knowledge, attitude

Timepoint

3 months after intervention

Method of measurement

questionnaire

Secondary outcomes**1****Description**

Empowering care givers

Timepoint

3 months after intervention

Method of measurement

questionnaire

Intervention groups**1****Description**

Eight sessions of education for the purpose of empowering, for 3 months in the intervention group

Category

Treatment - Other

Recruitment centers**1****Recruitment center****Name of recruitment center**

multiple sclerosis center

Full name of responsible person**Street address****City**

Tehran

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Tarbiat Modares University

Full name of responsible person

dr. fatemeh alhani

Street address

Nursing department, Tarbiat Modares University, Tehran.

City

Tehran

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Tarbiat Modares University

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**

Person responsible for scientific inquiries

Contact

Name of organization / entity

Shahrekord University of Medical Sciences and Health Services

Full name of responsible person

Reza Masoodi

Position

Master of Science

Other areas of specialty/work**Street address**

Nursing department, Shahrekord University of Medical Sciences, Rahmatie

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Person responsible for updating data

Contact

Name of organization / entity

Shahrekord University of Medical Sciences and Health Services

Full name of responsible person

Reza Rasoodi

Position

Member of Faculty and PH.D Student in Nursing

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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