# Clinical Trial Protocol
# Iranian Registry of Clinical Trials

07 Nov 2026

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

## Protocol summary

**Summary**

The aim of this study was to investigate the effect of family-center empowerment model on knowledge, attitude and skill of the multiple sclerosis patients. 140 multiple sclerosis patients from Iranian multiple sclerosis society were enrolled to receive eight sessions of educational program based on educational needs for three months. Primary outcome was knowledge, attitude, and skill in care givers.

## General information

**Acronym**

**IRCT registration information**

IRCT registration number: **IRCT201010272861N8**
Registration date: **2010-11-02, 1389/08/11**
Registration timing: **retrospective**

Last update:
Update count: **0**

**Registration date**

2010-11-02, 1389/08/11

**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**

Research Assistant of Isfahan University of Medical Sciences and Health Services

**Expected recruitment start date**

2010-06-22, 1389/04/01

**Expected recruitment end date**

2010-07-23, 1389/05/01

**Actual recruitment start date**

empty

**Actual recruitment end date**

empty

**Trial completion date**

empty

**Scientific title**

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

**Public title**

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

**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**
Isfahan University of Medical Sciences and Health Services
**Street address**
Isfahan University of Medical Sciences and Health Services, Hezar jerib Ave.
**City**
Isfahan
**Postal code**
819570000
**Approval date**
empty
**Ethics committee reference number**
1112/15/آب

## 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**
Knowledge, Attitude, Skill
**Timepoint**
3 months
**Method of measurement**
Specific questionnaire

## Secondary outcomes

**1**

**Description**
Quality of life
**Timepoint**
three months
**Method of measurement**
Specific questionnaire

## Intervention groups

**1**

**Description**
Administration of family centered impowerment model for 3 months in trial group
**Category**
Rehabilitation

**2**

**Description**
Routine activities was done for control group
**Category**
Rehabilitation

## Recruitment centers

**1**

**Recruitment center**
**Name of recruitment center**
Isfahan multiple sclerosis society
**Full name of responsible person**
Leili Rabiei
**Street address**
Isfahan multiple sclerosis society
**City**
Isfahan

## Sponsors / Funding sources

**1**

**Sponsor**
**Name of organization / entity**
Isfahan University of Medical Sciences and Health Services
**Full name of responsible person**
Leili Rabiei
**Street address**
Isfahan University of Medical Sciences and Health Services, higiene school
**City**
Isfahan
**Grant name**
1132
**Grant code / Reference number**
1210/JB
**Is the source of funding the same sponsor organization/entity?**
Yes
**Title of funding source**
Isfahan University of Medical Sciences and Health Services

**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**
Ahvaz Jundishapour University of Medical Sciences and health services
**Full name of responsible person**
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**Position**
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## Person responsible for scientific inquiries

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## Person responsible for updating data

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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*