

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

18 Jun 2026

### The effect of using collaborative care model on self-efficacy of multiple sclerosis (MS) patients.

#### Protocol summary

##### Summary

The present study investigates the effect of collaborative care model on self-efficacy of multiple sclerosis patients. 80 patients were selected according to inclusion criteria including: age between 20 and 55 years, confirmed multiple sclerosis disease by a neurologist and expanded disability status score between 2 to 3. Exclusion criteria including: pregnancy and increase in expanded disability status score at least 1 point with relapse or progression of the disease. After selecting samples, patients randomly will be divided into case and control groups. Baseline demographic and self-efficacy questionnaires completed before the intervention and then steps of collaborative care model including: motivation, preparation, involvement and evaluation will be engaged in case group for 3 months. self-efficacy scores 1 month after the intervention will be compared with pre-intervention data in case and control groups.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2013021212248N2**  
Registration date: **2013-06-11, 1392/03/21**  
Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2013-06-11, 1392/03/21

##### Registrant information

###### Name

Meysam Chahkhoei Mehdiabad

###### Name of organization / entity

Bam University of Medical Science.

###### Country

Iran (Islamic Republic of)

###### Phone

+98 34 4221 7360

###### Email address

chahkhoei.m@ajums.ac.ir

###### Recruitment status

**Recruitment complete**

###### Funding source

Ahvaz Jundishapur University of Medical Science

###### Expected recruitment start date

2012-08-22, 1391/06/01

###### Expected recruitment end date

2012-09-22, 1391/07/01

###### Actual recruitment start date

empty

###### Actual recruitment end date

empty

###### Trial completion date

empty

###### Scientific title

The effect of using collaborative care model on self-efficacy of multiple sclerosis (MS) patients.

###### Public title

The effect of collaborative care model on self-efficacy of MS patients.

###### Purpose

Other

###### Inclusion/Exclusion criteria

Inclusion criteria: multiple sclerosis disease confirm by a neurologist ; expanded disability status scale between 2 to 3. Exclusion criteria: pregnancy ; increase in expanded disability status score at least 1 point with relapse or progression of the disease.

###### Age

From **20 years** old to **55 years** old

###### Gender

Both

## Phase

N/A

## Groups that have been masked

No information

## Sample size

Target sample size: 80

## Randomization (investigator's opinion)

N/A

## 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

Ahvaz Jundishapur University of Medical Science

##### Street address

Jundishapur University of Medical Science, Golestan Road, Ahvaz, Khuzestan, Iran.

##### City

Ahvaz

##### Postal code

##### Approval date

2012-07-15, 1391/04/25

##### Ethics committee reference number

ETH-666

## 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

Self-efficacy

#### Timepoint

Before intervention and 1 month after intervention

#### Method of measurement

Sherer et al general self-efficacy questionnaire

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

In the intervention group, education based on steps of collaborative care model including: Motivation, Reaching, Involvement and Evaluation will be used for 3 month.

#### Category

N/A

### 2

#### Description

Control group receive no intervention.

#### Category

N/A

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Khuzestan MS Society

##### Full name of responsible person

Dr. Nastaran Majdinasab

##### Street address

Khuzestan MS Society, Faculty of Rehabilitation, Jundishapur University of Medical Science, Golestan Road, Ahvaz, Khuzestan, Iran.

##### City

Ahvaz

## Sponsors / Funding sources

### 1

#### Sponsor

##### Name of organization / entity

Ahvaz Jundishapur University of Medical Science

##### Full name of responsible person

Abdolali Shariati

##### Street address

Faculty of Nursing and Midwifery, Jondishapour University of Medical Science, Golestan Road, Ahvaz, Khuzestan, Iran.

##### City

Ahvaz

#### Grant name

#### Grant code / Reference number

#### Is the source of funding the same sponsor organization/entity?

Yes

#### Title of funding source

Ahvaz Jundishapur University of Medical Science

#### 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*

Khuzestan, Iran.

**City**

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**Web page address****Person responsible for general inquiries****Contact****Name of organization / entity**

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**Position**

Master science in nursing

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**City**

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**Postal code****Phone**

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**Fax****Email**

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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*