

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

14 Jun 2026

### The "effect of spiritual intelligence training on communication skills with patient in nurses working" in Imam Khomeini Hospital

#### Protocol summary

##### Study aim

Determining the effect of spiritual intelligence training on communication skills with the patient in nurses working in Imam Khomeini (Imam Khomeini Hospital) in Mahabad city in 1398

##### Design

A randomized controlled clinical trial with parallel, double-blind, randomized groups

##### Settings and conduct

It will be performed at Imam Khomeini Hospital in Mahabad. The list of eligible nurses in the selected wards is compiled and selected by simple random and proportionate number of nurses in each ward and will be divided into control and intervention groups.

##### Participants/Inclusion and exclusion criteria

Entry requirements: 1. Satisfaction to participate in the study 2. Having a minimum undergraduate nursing degree 3. Lack of participation in the Spiritual Intelligence Workshop in the last 6 months 4. Lack of participation in communication skills workshop in the last 6 months 5. At least 6 months work experience at Imam Khomeini Hospital in Mahabad Exit terms: 1. Unwilling to participate in the study 2. No more than one session of training sessions 3. Leave or transfer to another hospital

##### Intervention groups

In this study, the samples will be randomly assigned to the control and intervention groups (n = 35) each, and then to the intervention group, a spiritual intelligence training program for nurses will be conducted.

##### Main outcome variables

Education; Spiritual Intelligence; Nurses' Communication Skills with Patients; Quality of Nursing Care; Patient Satisfaction

#### General information

##### Reason for update

Typing error in the start date of the sampling and completion of the intervention.

#### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20161116030926N4**  
Registration date: **2019-10-21, 1398/07/29**  
Registration timing: **retrospective**

Last update: **2019-10-22, 1398/07/30**

Update count: **1**

##### Registration date

2019-10-21, 1398/07/29

##### Registrant information

###### Name

**Name of organization / entity**

###### Country

Iran (Islamic Republic of)

###### Phone

+98 44 3275 4961

###### Email address

alilu@umsu.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

##### Expected recruitment start date

2019-06-13, 1398/03/23

##### Expected recruitment end date

2019-09-23, 1398/07/01

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

The "effect of spiritual intelligence training on communication skills with patient in nurses working" in Imam Khomeini Hospital

**Public title**

The "effect of spiritual intelligence training on patient communication skills in nurses working" in Imam Khomeini Hospital

**Purpose**

Education/Guidance

**Inclusion/Exclusion criteria****Inclusion criteria:**

1. Satisfaction to participate in the study 2. Having a minimum undergraduate nursing degree 3. Lack of participation in the spiritual intelligence workshop in the last 6 months 4. Lack of participation in communication skills workshop in the last 6 months 5. At least 6 months work experience at Imam Khomeini Hospital in Mahabad

**Exclusion criteria:**

1. Unwilling to participate in the study 2. No more than one session of training sessions 3. Leave or transfer to another hospital

**Age**

No age limit

**Gender**

Both

**Phase**

N/A

**Groups that have been masked**

No information

**Sample size**

Target sample size: 70

**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**

National ethics Committee for Biomedical Research

**Street address**

Ministry of Health and Medical Education, Tehran Province, Tehran, District 2, Eyvanak Blvd, Phone: 021 8145 0000

**City**

Mahabad

**Province**

West Azarbaijan

**Postal code**

5714783734

**Approval date**

2019-05-21, 1398/02/31

**Ethics committee reference number**

IR.UMSU.REC.1398.058

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

Nurse communication skills with the patient

**ICD-10 code****ICD-10 code description****Primary outcomes****1****Description**

The score obtained in the communication skills questionnaire

**Timepoint**

Measurement of communication nurses with patient before intervention - one month after intervention

**Method of measurement**

Communication Skills Questionnaire

**Secondary outcomes**

empty

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

Intervention group will receive spiritual intelligence training according to King's pamphlet in conference room of Imam Khomeini Hospital in Mahabad for seven sessions and each session for one and a half hours.

**Category**

Other

**2****Description**

Control group: The control group received no training in spiritual intelligence.

**Category**

Other

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

Imam Khomeini Hospital in Mahabad

**Full name of responsible person**

Mansour Arad

**Street address**

Mahabad Street

**City**

Mahabad  
**Province**  
West Azarbaijan  
**Postal code**  
5714783734  
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+98 21 4625 8538  
**Email**  
Arad.M1372@gmail.com

## Sponsors / Funding sources

### 1

#### Sponsor

**Name of organization / entity**  
Oroumia University of Medical Sciences  
**Full name of responsible person**  
Dr. Iraj Mohebi  
**Street address**  
University of Science and Technology, Dept of  
Research and Technology Mission Center, Emergency  
Department, Resalat Ave, Urmia  
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West Azarbaijan  
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+98 44 3913 4227  
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+98 44 4223 2460  
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Alilu@umsu.ac.ir

#### Grant name

#### Grant code / Reference number

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

Yes

#### Title of funding source

Oroumia University of Medical Sciences

#### Proportion provided by this source

60

#### Public or private sector

Public

#### Domestic or foreign origin

Domestic

#### Category of foreign source of funding

*empty*

#### Country of origin

#### Type of organization providing the funding

Academic

## Person responsible for general inquiries

#### Contact

**Name of organization / entity**  
Oroumia University of Medical Sciences  
**Full name of responsible person**  
Mansour Arad  
**Position**

Nursing Student  
**Latest degree**  
Bachelor  
**Other areas of specialty/work**  
Nursery  
**Street address**  
Mahabad Vafaii Street  
**City**  
Mahabad  
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Arad.M1372@gamil.com

## Person responsible for scientific inquiries

#### Contact

**Name of organization / entity**  
Oroumia University of Medical Sciences  
**Full name of responsible person**  
Leyla Alilu  
**Position**  
Assistsnt Professor  
**Latest degree**  
Ph.D.  
**Other areas of specialty/work**  
Nursery  
**Street address**  
School of Nursing and Midwifery Nazlo, 11 th Sero  
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## Person responsible for updating data

#### Contact

**Name of organization / entity**  
Oroumia University of Medical Sciences  
**Full name of responsible person**  
Mansour Arad  
**Position**  
Nursing Student  
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**Other areas of specialty/work**  
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**City**

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**Province**

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**Postal code**

5714783734

**Phone**

+98 21 4625 8538

**Email**

Arad.M1372@gmail.com

## Sharing plan

**Deidentified Individual Participant Data Set (IPD)**

Yes - There is a plan to make this available

**Study Protocol**

Yes - There is a plan to make this available

**Statistical Analysis Plan**

Yes - There is a plan to make this available

**Informed Consent Form**

Yes - There is a plan to make this available

**Clinical Study Report**

Yes - There is a plan to make this available

**Analytic Code**

Yes - There is a plan to make this available

**Data Dictionary**

Yes - There is a plan to make this available

**Title and more details about the data/document**

The whole potential data is unpublished after being unidentifiable

**When the data will become available and for how long**

Starting the access period from the second half of 1398

**To whom data/document is available**

Participants and researcher

**Under which criteria data/document could be used**

Reliable conditions

**From where data/document is obtainable**

Person researcher

**What processes are involved for a request to access data/document**

Contact the researcher and provide information to the requesting person

**Comments**