

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

18 Sep 2026

### The Effect of Teaching Spirituality on Spiritual Intelligence / Quotient (SQ) and Moral Sensitivity of Nursing Students

#### Protocol summary

##### Study aim

Determining The Effect of Teaching Spirituality on Spiritual Intelligence / Quotient (SQ) and Moral Sensitivity of Nursing Students

##### Design

Samples of 70 people are randomly assigned to two groups of intervention and control. The first one is taught but not the control group. The intervention is first performed on the control group and then on the training group

##### Settings and conduct

This study is conducted at the Faculty of Nursing and Midwifery of Iran University of Medical Sciences

##### Participants/Inclusion and exclusion criteria

Students undergoing nursing undergraduate degree at Iran University of Medical Sciences Nursing students should have passed three terms and now they are studying grade four or above (semester 4 to 8) Signed informed consent to participate in this study

##### Intervention groups

Spirituality training Six sessions of a weekly one-time (for a maximum of 40 days), with PowerPoint preparation of books and articles, will be held in the form of lectures and questions and answers for Intervention group. The control group will not receive any training. Upon completion of the study, the training will be provided to the control group

##### Main outcome variables

Spiritual intelligence score of Spiritual intelligence questionnaire Khodadady and colleagues (2012) and the moral sensitivity score of the Han-et al questionnaire (K-MSQ) of 2010

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20180712040440N1**

Registration date: **2018-07-17, 1397/04/26**

Registration timing: **registered\_while\_recruiting**

Last update: **2018-07-17, 1397/04/26**

Update count: **0**

##### Registration date

2018-07-17, 1397/04/26

##### Registrant information

###### Name

Fatemeh Ekrami far

###### Name of organization / entity

###### Country

Iran (Islamic Republic of)

###### Phone

+98 31 5531 3177

###### Email address

ekramifar.f@tak.iums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

##### Expected recruitment start date

2018-01-23, 1396/11/03

##### Expected recruitment end date

2018-07-23, 1397/05/01

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

The Effect of Teaching Spirituality on Spiritual Intelligence / Quotient (SQ) and Moral Sensitivity of Nursing Students

##### Public title

The Effect of Teaching Spirituality on Spiritual

Intelligence / Quotient (SQ) and Moral Sensitivity

## **Purpose**

Education/Guidance

## **Inclusion/Exclusion criteria**

### **Inclusion criteria:**

Students undergoing nursing undergraduate degree at Iran University of Medical Sciences Nursing students should have passed three terms and now they are studying grade four or above (semester 4 to 8) Signed informed consent to participate in this study

### **Exclusion criteria:**

Nursing students shouldn't be recruitment as help assistant Unwillingness to continue attending the study or not attending a maximum of one session of training sessions by student

## **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)**

Randomized

## **Randomization description**

Simple randomization: After specifying the share of each semester, samples were randomly selected using random numbers (a set of numbers of numbers that were generated randomly without a specific pattern or order in the table) by the list. Students are randomly selected each semester. (At first, the sampling is performed in a proportional allocation method, and using the appropriate allocation formula, the number of samples is specified in each semester)

## **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**

Ethics Committee of Iran University of Medical Sciences

##### **Street address**

Hemmat highway next to Milad tower

##### **City**

Tehran

## **Province**

Tehran

## **Postal code**

1449614535

## **Approval date**

2017-10-27, 1396/08/05

## **Ethics committee reference number**

IR.IUMS.FMD.REC1396.9311690001

## **Health conditions studied**

### 1

#### **Description of health condition studied**

Spiritual Intelligence / Quotient

#### **ICD-10 code**

#### **ICD-10 code description**

### 2

#### **Description of health condition studied**

Moral Sensitivity

#### **ICD-10 code**

#### **ICD-10 code description**

## **Primary outcomes**

### 1

#### **Description**

Spiritual intelligence score in Khodadady and colleagues spiritual intelligence questionnaire (2012)

#### **Timepoint**

At the beginning of the study and 70 days after that

#### **Method of measurement**

The Comprehensive Spiritual Intelligence Questionnaire was first made by Amraam and Dryer (Integrated spiritual intelligence scale) in 2008 and validated by Khodadady and colleagues in 2012.

### 2

#### **Description**

The Moral Sensitivity Score, by the Han and Associates 2010 questionnaire

#### **Timepoint**

At the beginning of the study and 70 days after that

#### **Method of measurement**

The Moral Sensitivity Questionnaire developed by Lütznén et al. (1994) (Moral Sensitivity Questionnaire) and its validity and reliability again in Korea in 2010 by Han et al. (Korean version of the Moral Sensitivity Questionnaire)

## **Secondary outcomes**

empty

## **Intervention groups**

1

**Description**

Intervention group: Spirituality training Six sessions of a weekly one-time (for a maximum of 40 days), with PowerPoint preparation of books and articles, will be held in the form of lectures and questions and answers.

**Category**

Other

2

**Description**

Control group: No training will be received. To avoid contamination, research information is first performed on the control group and then the intervention group

**Category**

Other

**Recruitment centers**

1

**Recruitment center**

**Name of recruitment center**

Faculty of Nursing and Midwifery Iran University of Medical Sciences

**Full name of responsible person**

Fatemeh Ekrami far

**Street address**

Rashid-e yasemi street, After Mirdamad, Vali-e asr street

**City**

Tehran

**Province**

Tehran

**Postal code**

1996713883

**Phone**

+98 21 4365 1000

**Fax**

+98 21 8820 1978

**Email**

fnm@iums.ac.ir

**Web page address**

http://fnm.iums.ac.ir

**Sponsors / Funding sources**

1

**Sponsor**

**Name of organization / entity**

Iran University of Medical Sciences

**Full name of responsible person**

Deputy Director of Research and Technology of Iran University of Medical Sciences

**Street address**

Hemmat Highway, next to Milad Tower

**City**

Tehran

**Province**

Tehran

**Postal code**

1449614535

**Phone**

+98 21 86701

**Email**

admins@iums.ac.ir

**Grant name**

**Grant code / Reference number**

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

Yes

**Title of funding source**

Iran University of Medical Sciences

**Proportion provided by this source**

100

**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**

Iran University of Medical Sciences

**Full name of responsible person**

Fatemeh Ekrami far

**Position**

MSc Student Community Health Nursing

**Latest degree**

Bachelor

**Other areas of specialty/work**

Nursery

**Street address**

Amirkabir street

**City**

Kashan

**Province**

Isfahan

**Postal code**

8718677151

**Phone**

+98 31 5531 3177

**Fax**

**Email**

ekramifar.f@tak.iums.ac.ir

**Person responsible for scientific inquiries**

**Contact**

**Name of organization / entity**

Iran University of Medical Sciences

**Full name of responsible person**

Fatemeh Ekrami far

**Position**

MSc Student Community Health Nursing

**Latest degree**

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**Other areas of specialty/work**

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**Postal code**

8718677151

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## Person responsible for updating data

**Contact**

**Name of organization / entity**

Iran University of Medical Sciences

**Full name of responsible person**

Fatemeh Ekrami far

**Position**

MSc Student Community Health Nursing

**Latest degree**

Bachelor

**Other areas of specialty/work**

Nursery

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**Province**

Isfahan

**Postal code**

8718677151

**Phone**

+98 31 5531 3177

**Fax**

**Email**

ekramifar.f@tak.iums.ac.ir

## Sharing plan

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

Undecided - It is not yet known if there will be a plan to make this available

**Study Protocol**

Undecided - It is not yet known if there will be a plan to make this available

**Statistical Analysis Plan**

Undecided - It is not yet known if there will be a plan to make this available

**Informed Consent Form**

Undecided - It is not yet known if there will be a plan to make this available

**Clinical Study Report**

Undecided - It is not yet known if there will be a plan to make this available

**Analytic Code**

Undecided - It is not yet known if there will be a plan to make this available

**Data Dictionary**

Undecided - It is not yet known if there will be a plan to make this available